Town and Country Cleaners Site (Site No.: 8-28-149)

Town of Brighton, Monroe County, NY

April 2009

Prepared for:

New York State Department of Environmental Conservation 625 Broadway Albany, NY

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Final Site Characterization Report - April 2009

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Section 1 Introduction

1.1 Background

Town and Country Cleaners is an active dry cleaner located at 2308 Monroe Avenue in the Town of Brighton, New York as shown on Figure 1. The Site is located in a residential neighborhood and is a potential source of subsurface soil and groundwater contamination in the area. A Phase II site investigation was conducted by GeoQuest Environmental Inc for the Lois Gibbons Trust in December 2006 at 2290, 2294 and 2298 Monroe Avenue, which is upgradient and adjacent to the Site. This report identifies Town and Country Cleaners as a potential source of groundwater contamination at the adjacent property.

This site characterization was conducted to determine if Town and Country Cleaners is a potential source of contamination. The site characterization consisted of collecting samples from groundwater, subsurface soil and subsurface soil vapor media both on and off-site.

1.2 Overview

The site characterization was conducted on January 28 through January 30, 2008 and included groundwater, subsurface soil, and subsurface soil vapor sample collection. CDM subcontracted the drilling services to Aztech Technologies located in Ballston Spa, New York for the direct push drilling services, Mitkem Laboratories (now a division of Spectrum Analytical) located in Warwick, Rhode Island, for the analytical services, WCT Surveyors of Canton, NY for surveying services.

CDM collected groundwater, subsurface soil and subsurface soil vapor samples on the Site to determine if volatile organic compounds (VOCs) were present in any of the media sampled. Some groundwater samples were co-located with the subsurface soil and soil vapor sample locations to determine if a correlation exists between VOC concentrations in groundwater, soil or soil vapor.

The investigation involved the following;

- Installing ten temporary and 2 permanent groundwater monitoring points one-inch in diameter;
- Collecting groundwater samples from four existing upgradient monitoring wells, the ten new temporary points and 2 new permanent points;
- Collecting subsurface soil samples at ten locations; and
- Installing seven subsurface soil vapor probes and collect soil vapor samples from each location.

No indoor air, sub slab or outdoor ambient air samples were collected during this phase of the site characterization. All sampling locations were selected by NYSDEC and CDM and are shown on Figure 2.

A summary of the installation and sampling methodology is presented in the following section.

Section 2 Groundwater, Soil and Soil Vapor Installation and Sampling

The following sections provide a summary of the temporary and permanent groundwater wells, subsurface soil, and subsurface soil vapor points installed and sampled at the Site. All field observations were recorded in the field log book and a copy of the field notes is provided in Appendix A.

2.1 Groundwater Well Installation and Sampling

Two permanent and ten temporary micro wells were installed and groundwater was collected from the following fifteen well locations:

- Two existing monitoring wells, 204S and 205S, upgradient of the site;
- Two existing micro wells (1-inch diameter), GW-1 and GW-2 just upgradient of the Site on the adjacent property;
- Ten temporary (GP-1 through GP-7, GP-9, GP-11 and GP-12) and two permanent (GP-8 and GP-10), that were installed during this site characterization. The temporary wells were removed once samples were collected and GP-8 was dry and no sample was collected.

The temporary wells were installed using a 2-inch drive point or the macro core soil sampler and once the desired depth was reached a one-inch diameter PVC screen (5-feet in length) and riser pipe were installed. The screen was placed 2 to 4 feet into the groundwater table and riser pipe to the ground surface. Sand was placed around the screen to 1 foot above the top of the screen and the permanent wells were finished with a bentonite seal to the ground surface. Wells yielding sufficient volume were developed to near clear conditions, if possible, prior to sampling. Once the well recovered, water levels were recorded and a sample was collected. One of the temporary points, sample location GP8, was dry and therefore not sampled.

Groundwater grab samples were collected from the two existing monitoring wells (204S and 205S) using disposable bailer techniques. Groundwater samples were collected from the remaining wells using a stainless steel check valve and tubing as described below.

The groundwater sampling procedures are provided in CDM's Generic QAPP on file with the NYSDEC. As part of the QAPP quality control samples, duplicates and trip blanks were also collected. All tubing, PVC and sampling PPE were disposed of by CDM as normal trash. All purged groundwater was discharged to the ground.

The groundwater samples were collected in two 40mL VOA vials (preserved with hydrochloric acid) and submitted to Mitkem Laboratories under chain-of-custody

protocol for VOC analysis by EPA Method 8260. Upon completing the sampling of the temporary wells, the PVC was removed and the boreholes were backfilled with bentonite up to the ground surface. The sample identification and depth of groundwater is summarized in Table 1. The sample results are discussed in Section 3.

2.1.1 Groundwater Elevation

On January 28, 2008 CDM recorded depth to water (DTW) and depth to bottom (DTB) measurements was recorded at nine of the sixteen sampling locations. The groundwater elevation data collected during the groundwater monitoring event is summarized in Table 1. The groundwater flow in the shallow aquifer was observed to be flowing in a southeasterly direction. A groundwater contour map was prepared using the water table elevation data for the on and off site wells. The contour map is included as Figure 5. It should be noted that groundwater elevations are approximate since some elevations are from temporary wells.

2.2 Subsurface Soil Sampling

Subsurface soil samples were collected at ten locations selected by the NYSDEC and CDM and are shown on Figure 2. Continuous soil samples were collected using 4-foot macro core samplers with acetate liners to a maximum depth of 12-feet or groundwater, which ever came first. CDM screened the soil sample in the field using a Photoionization Detector (PID). The sample interval at each location exhibiting the highest PID reading was submitted for VOC analysis.

The soil samples were collected in 4-once VOA jars and submitted to Mitkem Laboratories under chain-of-custody protocol for VOC analysis by EPA Method 8260. Residual sample was placed back in the hole and the remaining space was filled with sand and bentonite. Asphalt pavement and concrete surfaces were repaired with cold patch and concrete, respectively.

The sample identification, sample depth and PID results are summarized in Table 2. The sample results are discussed in Section 3.

2.3 Subsurface Soil Vapor Point Installation and Sampling

Eight subsurface soil vapor points were installed at the Site on January 28 and 29, 2008 by Aztech Technologies, in accordance with NYSDOH soil vapor intrusion guidance and are shown on Figure 2.

The soil vapor points were installed to the desired sampling depth using direct push drilling methods. At each location a Geoprobe macro core sampler was used to collect soil samples to the desired depths. After reaching the final depth at each location, a 6-inch double woven stainless steel screen was attached to 3/8-inch Teflon lined tubing and placed at the final depth achieved. The borehole was then backfilled with sand to a minimum depth of 6 inches above the screen followed by 6 inches of dry granular

bentonite. A bentonite slurry was then placed to the ground surface. The bentonite was allowed to set-up overnight prior to sample collection.

Prior to sampling, sample points were tested for potential surface air infiltration using a helium tracer gas test. The procedure for helium tracer gas testing was conducted in accordance with the NYSDOH guidance and is presented in CDM's Generic QAPP. Any helium that was observed during tracer tests was below 10-percent, as required by the NYSDOH guidance.

Samples were collected using 2-liter Summa canisters equipped with a 2-hour regulator. The vacuum reading was recorded at the start and end of the sampling and sampling was stopped before the vacuum reading reached zero. The canister vacuum levels at the beginning and end of sample collection was recorded on the sample label, in the field log book, and on the sample chain of custody form. The SUMMA canisters were labeled with the sample identification, the start and end time of sample collection, date, project identification, and requested laboratory analysis. Samples were submitted to Centek Laboratories (a subcontractor to Mitkem) for analysis by EPA Method TO-15. The sample results are discussed in Section 3.

For quality assurance / quality control purposes (QA/QC) a duplicate sample was collected at one location near 32 Elwell Drive (828149-GP-6-SV 100).

Section 3 Groundwater, Soil and Soil Vapor Sampling Results

The following sections provide a summary of the analytical results for the groundwater, subsurface soil and subsurface soil vapor analytical results. A complete laboratory report is provided in Appendix B and the full laboratory data package is provided on CD.

3.1 Groundwater Analytical Results

CDM collected fifteen groundwater samples from the shallow aquifer at the Site and surrounding area and all samples were analyzed for VOCs by EPA Method 8260. The analytical results were compared to New York State Ambient Water Quality Standards (AWQS) (NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1). Table 4 provides a summary of groundwater analytical results for VOCs.

VOC compounds were detected above AWQS in 11 of the 15 wells sampled as follows:

- Vinyl chloride was detected in six samples ranging from 3 μ g/L to 1300 μ g/L, above the standard of 2 μ g/L;
- 1,1-Dichloroethene was detected in four of the samples ranging from 14 μ g/L to 51 μ g/L, above the standard of 5 μ g/L;
- Trans-1,2-dichloroethene was detected in three of the samples collected ranging from 16 μ g/L to 26 μ g/L above the standard of 5 μ g/L;
- 1,1-Dichloroethane was detected in the sample collected from GP-2-GW-1 at 20 μ g/L above the standard of 5 μ g/L;
- Cis-1,2-dichloroethene was detected above the standard of 5 μ g/L in seven samples collected ranging from 6 μ g/L to 3,100 μ g/L;
- Chloroform was detected in the sample collected from GW-204S-01 at 10 μ g/L above the standard of 7 μ g/L;
- 1,1,1-Trichloroethane was detected in two samples at a concentration of 61 and 38 μ g/L, above the standard of 5 μ g/L;
- Benzene was detected at 2 μg/L in four samples above the standard of 0.7 μg/L.
- Trichloroethene (TCE) was detected in five of the samples ranging from 26 μ g/L to 1,200 μ g/L above the standard of 5 μ g/L;

 A total of eight samples had Tetrachloroethene (PCE) detected above the standard of 5 μg/L ranging from 6 μg/L to 74,000 μg/L.

Figure 3 and Figure 4 show the concentrations of TCE and PCE, respectively, above AWQS.

3.2 Soil Analytical Results

Twelve soil samples were collected at the site and analyzed for VOCs by Mitkem. The analytical results were compared to New York State Unrestricted Use Soil Cleanup Objectives (SCO) of 6 NYCRR Part 375-6.8a.

A total of twelve VOC compounds were detected with four of the detections above the SCO. The VOCs that were detected above the SCO are as follows:

- TCE was detected at 1,100 μ g/kg, above the standard of 470 μ g/kg in the sample collected from the GP-1 location;
- Vinyl chloride was detected in the sample collected from GP-1 at a concentration of 200 μg/kg, above the SCO of 20 μg/kg;
- Acetone was detected at a concentration of 59 μ g/kg in the sample collected at GP-5, above the SCO of 50 μ g/kg;
- Cis-1,2-Dichloroethene was detected at a concentration of 2,200 µg/kg in the sample collected at GP-1, above the SCO of 250 µg/kg.

No other VOCs were detected above their respective criteria in any of the other samples collected. Table 5 provides a summary of soil analytical results for VOCs.

3.3 Subsurface Soil Vapor Analytical Results

Eight subsurface soil vapor samples were analyzed by Centek for VOCs by EPA Method To-15. A total of 32 VOC compounds were detected in the soil vapor samples collected. TCE was detected in the sample collected at the GP-1 location at a concentration of 395 μ g/m³. Tetrachloroethylene was detected in all eight samples collected ranging from 1.03 μ g/m³ (GP-11) to 15.2 μ g/m³ (GP-6). Table 6 provides a summary of the soil vapor sample results and a complete analytical report is provided in Attachment B.

3.4 Data Validation

Data validation was completed by Conestoga-Rovers & Associates (CRA) of Niagara Falls, NY. CRA concluded that based on the preceding assessment, the data were acceptable with the qualifications and exceptions noted. A copy of the Data Usability Summary Report (DUSR) is provided in Appendix C.

Section 4 Investigation Findings

Review of the chemical and physical data developed during the site characterization resulted in the following findings:

- 1. VOC compounds were detected in the groundwater samples above the AWQS in 11 of the 15 samples collected at the site including; vinyl chloride, 1,1-dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethane, cis-1,2-dichloroethene, 1,1,1-trichloroethane, TCE and PCE.
- 2. Presence of high concentrations of PCE breakdown products in the soil and groundwater indicates that biodegradation of PCE in the subsurface soil and groundwater is occurring.
- 3. The fuel related VOC benzene was detected in four of the 15 groundwater samples collected above the AWQS of $0.7 \mu g/L$.
- 4. The soil collected at the GP-1 location contained three VOC's above the NYS DEC Unrestricted Use SCO; vinyl chloride, cis-1,2-dichloroethene, and TCE.
- 5. Based on the soil vapor and groundwater sample results for GP-1 and GP-2 a potential source of contamination may exist on-site at this location and migrating off-site and downgradient.

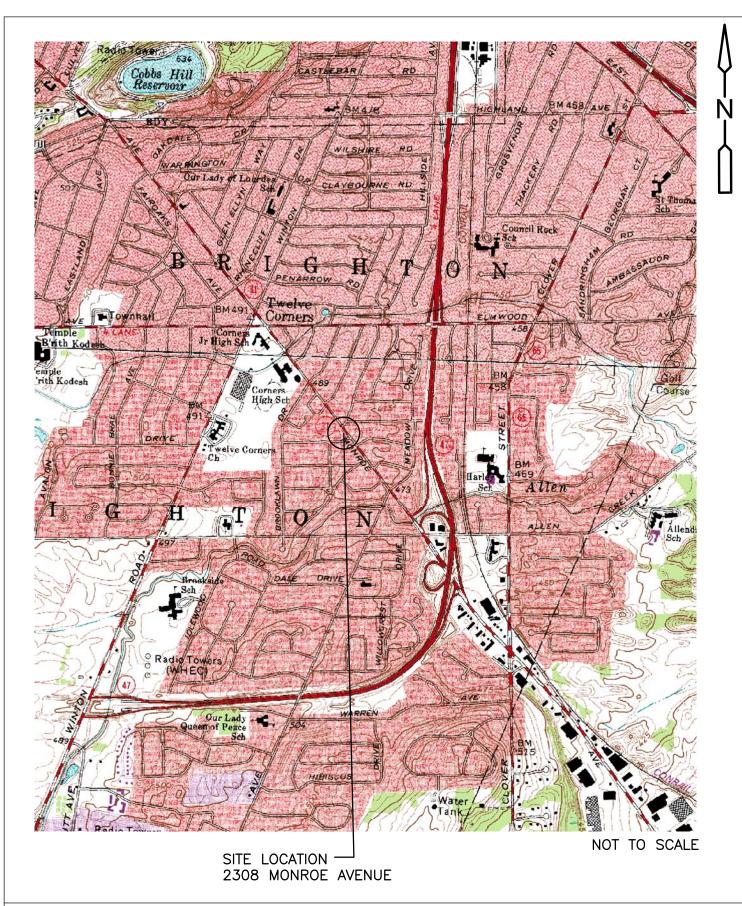






FIGURE 1 - SITE LOCATION MAP TOWN & COUNTRY CLEANERS NYSDEC WORK ASSIGNMENT #D004437-18 SITE NO. 8-28-149 SEPTEMBER 2008





Legend

SUBSURFACE VAPOR POINT



GEOPROBE TEMPORARY WELL



EXISTING MONOTORING WELL



SOIL SAMPLE POINT

Data Sources:

Aerial Orthophotos:
NYS GIS Clearinghouse
(http://www.nygis.state.ny.us/),
2005, 1 meter natural color, 2005

Contours:

Derived from Digital Elevation Model, provided by NYS Dept. of Environmental Conservation through Cornell University Geospacial Information Repository (CUGIR, http://cugir.mannlib.cornell.edu/)

Survey Coordinate Datum and Source: New York State Plane Coordinate System West Zone, North American Datum of 1983,US feet (Horizontal) and North AmericanVertical Datum of 1988. Survey Data was referenced to the New York StateDept. of Transportation Real Time Network in real time and tied to the US National Geodetic Survey CORS by static GPS observations processed by the OPUS system

Prepared By: WCT Surveyors, P.C. Wilhelm, Chatelle, and Towne 971 Judson Street Road Canton, NY 13617 Voice: 315/379-7630 Fax: 315/379-7631 Email:wcts@slic.com Map of Survey Prepared For: Sample Location Survey
Town and Country Dry Cleaners Site Rochester, New York

SITUATE IN: Town of Brighton County of Monroe State of New York Date: 9/15/08 Tax Map ID # N/A File# 108-039TC

NOT TO SCALE

NYSDEC

Date: 10/08





Legend

SUBSURFACE VAPOR POINT



GEOPROBE TEMPORARY WELL



EXISTING MONOTORING WELL



SOIL SAMPLE POINT

Data Sources:

Aerial Orthophotos: NYS GIS Clearinghouse (http://www.nygis.state.ny.us/), 2005, 1 meter natural color, 2005

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Legend

SUBSURFACE VAPOR POINT



GEOPROBE TEMPORARY WELL



EXISTING MONOTORING WELL



SOIL SAMPLE POINT

Data Sources:

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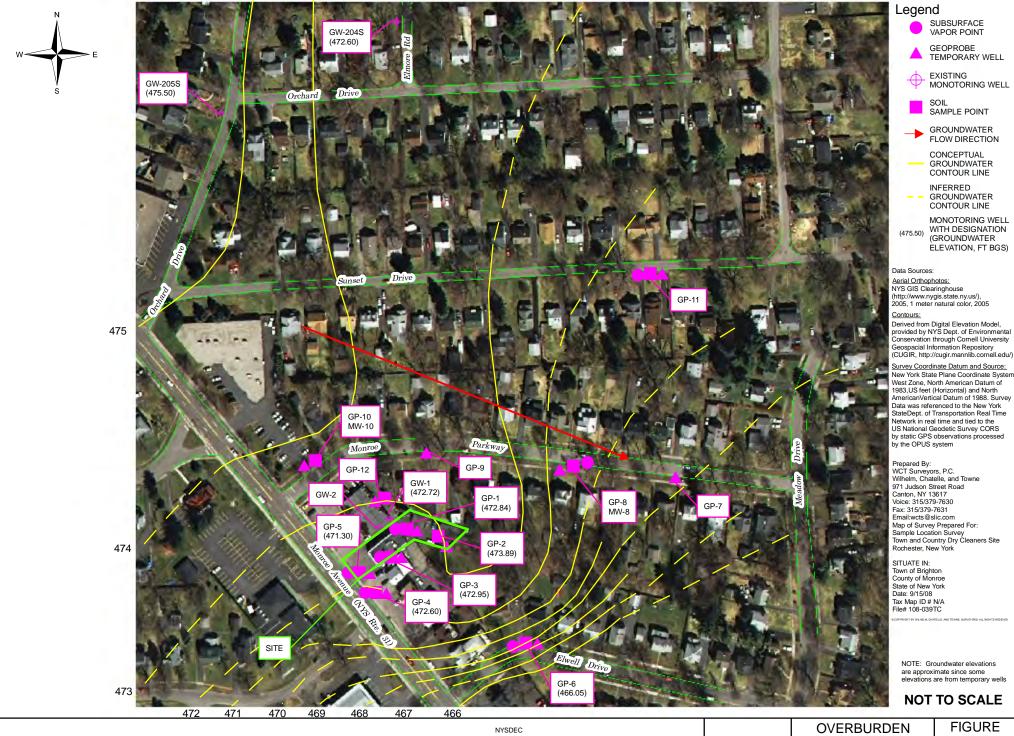
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NOT TO SCALE

NYSDEC



TOWN AND COUNTRY DRY CLEANERS SITE NO. 8-28-149 2308 MONROE AVE, ROCHESTER, NY

Date: 10/08

GROUNDWATER CONTOUR MAP

NO.

5

Table 1
NYSDEC Work Assignment # D004437-18
Town and Country Cleaners Site No. 8-28-149
Groundwater Sample Information Summary

Sample ID	Date Installed	Depth to Water (ft)	Detph to Bottom (ft)	Well Elevation (Top of PVC)	Groundwater Elevation (ft bgs)	Date Sampled	Time Sampled
828149-GW1	Existing	7.08		479.8	472.72	1/28/2008	1230
828149-GW2	Existing	NM		480.3		1/28/2008	1240
828149-GW204S-01	Existing	6.8	15.75	479.4	472.6	1/29/2008	0955
828149-GW205S	Existing	7	14.60	482.50	475.5	1/29/2008	0930
828149-GP1-GW01	1/28/2008	5.36	15.00	478.20	472.84	1/29/2008	1300
828149-GP2-GW1	1/28/2008	3.41	10.00	477.30	473.89	1/29/2008	1315
828149-GP2-GW10*	1/28/2008	NM				1/29/2008	1320
828149-GP3-GW1	1/28/2008	5.85	10.00	478.80	472.95	1/29/2008	1335
828149-GP4-GW1	1/28/2008	6.4	10.00	479.00	472.6	1/29/2008	1345
828149-GP5-GW1	1/28/2008	8.1	15.00	479.40	471.3	1/29/2008	1350
828149-GP6-GW1	1/29/2008	8.35	10.00	474.40	466.05	1/30/2008	1015
828149-GP7-GW1	1/29/2008	MM	11.00	471.10		1/30/2008	0925
828149-GP8-GW1	1/29/2008	NM	10.00	473.06		NOT SAME	PLED - DRY
828149-GP9-GW1	1/29/2008	NM	10.00	476.20		1/30/2008	1045
828149-GP10-GW1	1/29/2008	NM	10.00	481.98		1/30/2008	1055
828149-GP11-GW1	1/29/2008	NM	10.00	471.40		1/30/2008	1110
828149-GP12-GW1	1/29/2008	NM	14.00	480.80		1/30/2008	1125

NOTES:

DTW - Deth to Groundwater

DTB - Depth to Well Bottom

* Denote Duplicate of GP2-GW1

bgs - below ground surface

Table 2
NYSDEC Work Assignment # D004437-18
Town and Country Cleaners - Site No. 8-28-149
Soil Sample Information Summary

Sample ID	Date	Time	Sample Depth	PID Reading (ppm)
828149-GP1-SS01	1/28/2008	1100	5-10 ft	0
828149-GP2-SS01	1/28/2008	1212	0-5 ft	0
828149-GP3-SS01	1/28/2008	1400	0-5 ft	0
828149-GP4-SS01	1/28/2008	1500	0-5 ft	0
828149-GP5-SS1	1/29/2008	1550	0-5 ft	0
828149-GP6-SS01	1/29/2008	1010	0-5 ft	0
828149-GP8-SS1	1/29/2008	1145	0-5 ft	0
828149-GP100-SS1*	1/29/2008	1325	0-5 ft	0
828149-GP10-SS1	1/29/2008	1315	0-5 ft	0
828149-GP11-SS1	1/29/2008	1345	0-5 ft	0
828149-GP11-SS110**	1/29/2008	1355	0-5 ft	0
828149-GP12-SS1	1/29/2008	1505	0-5 ft	0

NOTES

^{*} Indicates a duplicate of sample GP10-SS1

^{**} Indicates a duplicate sample of GP11-SS1

Table 3
NYSDEC Work Assignment # D004437-18
Town and Country Cleaners - Site No. 8-28-149
Soil Vapor Sample Information Summary

						Helium Tracer Test			PID
Sample ID	Date	Start Time	Stop Time	Canister #	Regulator #	Reading (%)	Start Vac	End Vac	Reading (ppm)
828149-GP1-SV1	1/29/2008	0812	0953	90	392	N/A	28.5	4	20.2
828149-GP3-SV1	1/29/2008	0805	0950	84	186	N/A	29	4	0
828149-GP4-SV1	1/29/2008	0753	0938	419	296	0	28	4	0
828149-GP5-SV1	1/29/2008	0802	0948	78	147	N/A	30	3.5	0
828149-GP6-SV1	1/30/2008	0745	0920	463	78	0	27	4	0
828149-GP6-SV100*	1/30/2008	0745	0920	415	400	0	27	1	0
828149-GP8-SV1	1/30/2008	0900	0950	412	63	N/A	29	4	0
828149-GP11-SV1	1/30/2008	0815	0955	422	175	N/A	28	3	0

Notes

N/A - Tracer Test Not Performed

^{*} Indicates a duplicate sample of GP6-SV1

Table 4 **Town and Country Cleaners** Site No. 8-28-149 Summary of Groundwater Analytical Results for VOCs - April 2008

Sample ID Sampling Date Matrix Dilution Factor Units	Ambient Water Quality Standard	828149-GP1-GW1 01-29-08 WATER 1.0 ug/L		828149-GP2-GW1 01-29-08 WATER 1.0 ug/L		828149-GP2-GW10 Duplicate of GP2 01-29-08 WATER 1.0 ug/L		828149-GP3-GW1 01-29-08 WATER 1.0 ug/L		828149-GP4-GW1 01-29-08 WATER 1.0 ug/L		828149-GP5-GW1 01-29-08 WATER 1.0 ug/L		828149-GP6-GW1 01-30-08 WATER 1.0 ug/L		828149-GP7-GW1 01-30-08 WATER 1.0 ug/L		828149-GP9-GW1 01-30-08 WATER 1.0 ug/L
Compound			Q		Q		Q	Q			Q				Q		Q	Q
Vinyl Chloride	2	1300		220	J	100		1 J	_	5	U	3	J	5	U	5	U	5 U
1,1-Dichloroethene	5	51		44		23		5 U		5	U	5	U	5	U	5	U	5 U
Acetone	50		R		R		R	R		8	J	4	J	49	J	18	J	R
Methylene Chloride	5	5	U	2	J	1	J	6 U	1	5	U	5	U	5	U	5	U	5 U
trans-1,2-Dichloroethene	5	26		23		16		5 U	1	5	U	5	U	5	U	5	U	5 U
Methyl tert-butyl ether	NS	5	U	5	U	5	U	5 U		5	U	5	U	5	U	5	U	5 U
1,1-Dichloroethane	5	3	J	20		16		5 U	1	5	U	5	U	5	U	5	U	5 U
cis-1,2-Dichloroethene	5	2700		3100	Е	2600	Е	6		1	J	31		5	U	5	U	5 U
Chloroform	7	5	U	5	U	5	U	5 U		5	U	5	U	5	U	5	U	5 U
1,1,1-Trichloroethane	5	5	U	61		38		5 U		5	U	5	U	5	U	5	U	5 U
Benzene	0.7	5	U	5	U	5	U	5 U		5	U	5	U	5	U	2	J	2 J
Trichloroethene	5	770		1200	J	780	Е	26		1	J	3	J	5	U	5	U	5 U
Toluene	5	1	J	3	J	2	J	5 U	ı	5	U	5	U	5	U	5		3 J
Tetrachloroethene	5	2900	Е	74000		46000		190		6		5	U	5	U	5	U	5 U
m,p-Xylene	NS	5	U	5	U	5	U	5 U		5	U	5	U	5	U	3	J	5 U
o-Xylene	NS	5	U	5	U	5	U	5 U	1	5	U	5	U	5	U	1	J	5 U
Xylene (Total)	5	5	U	5	U	5	U	5 U.	J	5	U	5	U	5	U	4	J	5 U
Isopropylbenzene	NS	5	U	2	J	2	J	5 U	ı	5	U	5	U	5	U	5	U	5 U
1,2,4-Trimethylbenzene	NS	5	U	5	U	5	U	5 U		5	U	5	U	5	U	1	J	5 U

- Indicates Concentration above RSCO

 U Not Detected
 J Compound Detected below reporting limit
 B Compound Detected in Method Blank
 E Compound concentration exceeded the Calibration Range
 D Compound concentration was obtained from diluted analysis
 NS No Standard
 R Rejected

Table 4 **Town and Country Cleaners** Site No. 8-28-149 Summary of Groundwater Analytical Results for VOCs - April 2008

Sample ID		828149-GP10-GW1		828149-GP11-GW1		828149-GP12-GW1		828149-GW1		828149-GW2		828149-GW204S-01		828149-GW205S-01		TRIP BLANK	
Sampling Date Matrix Dilution Factor Units	Ambient Water Quality Standard	01-30-08 WATER 1.0 ug/L		01-30-08 WATER 1.0 ug/L		01-30-08 WATER 1.0 ug/L		01-28-08 WATER 1.0 ug/L		01-28-08 WATER 1.0 ug/L		01-29-08 WATER 1.0 ug/L		01-29-08 WATER 1.0 ug/L		01-30-08 WATER 1.0 ug/L	
Compound			Q		Q		Q		Q		Q		Q		Q		Q
Vinyl Chloride	2	5	U	5	U	5	U	190		5	U	7		5	U	5	U
1,1-Dichloroethene	5	5	U	5	U	5	U	14		5	U	5	U	5	U		R
Acetone	50		R	14	J		R		R		R		R		R		R
Methylene Chloride	5	5	U	5	U	5	U	5	С	5	U	5	U	5	U	5	U
trans-1,2-Dichloroethene	5	5	U	5	U	5	U	4	U	5	U	5	U	5	U	5	U
Methyl tert-butyl ether	NS	5	U	5	U	5	U	5	U	5	U	7		5	U	5	U
1,1-Dichloroethane	5	5	U	5	U	5	U	1	U	5	U	5	U	5	U	5	U
cis-1,2-Dichloroethene	5	5	U	5	U	5	U	500		3		29		2	J	5	U
Chloroform	7	5	U	2	J	5	U	5	U	5	U	10		5	U	5	U
1,1,1-Trichloroethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	0.7	2	J	5	U	5	U	5	U	5	U	2	J	5	U	5	U
Trichloroethene	5	5	U	5	U	5	U	82		3	J	2	J	5	U	5	U
Toluene	5	3	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	5	5	U	5	U	5	U	19		370	U	37		5	U	5	U
m,p-Xylene	NS	2	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
o-Xylene	NS	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Xylene (Total)	5	2	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Isopropylbenzene	NS	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-Trimethylbenzene	NS	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Legend Indicates Concentration above RSCO Not Detected

Compound Detected below reporting limit
Compoun Detected in Method Blank
Compound concentration exceeded the Calibration Ra
Compound concentration was obtained from diluted ar

No Standard

Rejected

Table 5 **Town and Country Cleaners** Site No. 8-28-149 Summary of Soil Analytical Results for VOCs - April 2008

Lab Sample Number Sampling Date	NYSDEC	828149-GP1-S 01-28-08		828149-GP2-S 01-28-08		828149-GP3-SS 01-28-08	501	828149-GP4 01-28-0		828149-GP5- 1/29/2008		828149-GP6 01-29-08		828149-GP8 01-29-0		828149-GP10-S 01-29-08	S1	828149-GP100-SS1 Duplicate of GP-10 01-29-08		28149-GP100-SS G0125-07ARE 01-29-08	61	828149-GP11-SS1 01-29-08		28149-GP110-SS uplicate of GP-1 01-29-08		828149-GP12-SS1 01-29-08
	Unrestricted Use Soil	01-26-06 Soil		01-26-06 Soil		Soil		01-26-0 Soil	3	1/29/2006 Soil	•	Soil	'	01-29-0 Soil	•	01-29-06 Soil		01-29-06 Soil		01-29-06 Soil		01-29-06 Soil		01-29-06 Soil		01-29-06 Soil
Dilution Factor	Cleanup Objective	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0
Units	(ppb)	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	_	ug/kg		ug/kg	_	ug/kg		ug/kg
Compound			Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q	
Vinyl Chloride	20	200		6	J	6	U	6	U	6	U	6	U	6	U	6	U		U	6	U	6 l	U U	6	U	6
1,1-Dichloroethene	330	16		6	U	6	U	6	U	6	U	6	U	6	U	6	U		U	6	U	6 l	U	6	U	6
Acetone	50	7	U	6	U	6	U	22	U	59		6	J	6	U	6	U		U	6	U	6 l	U	6	U	6
2-Butanone	NS	6	U	8		6	U	7		25		1	J	2	J	6	U		U	6	U	6 l	U	6	U	6
cis-1,2-Dichloroethene	250	2200		200		6	U	6	U	6	U	6	U	6	U	6	U		U	6	U	6 l	U	6	U	6
Trichloroethene	470	1100		84		6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6 (U	6	U	6
Toluene	700	2	J	6	U	3	J	5	J	4	J	2	J	6	U	3	J	2	J	2	J		J	3	J	5
Tetrachloroethene	1300	210		480		1	J	6	U	6		6		6	U	6	U		U	6	U	6 (U	6	U	1
2-Hexanone	NS	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6 l	Ü	3	J	6
,2,4-Trichlorobenzene	NS	6	U	6	U	6	U	6	U	6	U	6	UJ	6	U	6	U	6	U	6	UJ	6 (U	2	J	6
Hexachlorobutadiene	NS	6	U	6	U	6	U	6	U	6	U	6	UJ	6	U	6	U		U	6	UJ	6 l	U	6	U	6 6 6 6
,2,3-Trichlorobenzene	NS	6	U	6	U	6	U	6	U	6	U	6	UJ	6	U	6	U	6	U	6	UJ	6 l	U	2	J	6

Table 6
Town and Country Cleaners
Site No. 8-28-149
Summary of Soil Vapor Analytical Results for VOCs - April 2008

Sample ID Lab Sample Number Sampling Date Matrix Dilution Factor Units	828149-GP11-SV C0802002-008A 1/30/2008 Air 1 µg/m³		828149-GP1-SV C0802002-004A 1/29/2008 Air 1.0 μg/m3		828149-GP3-SV C08020002-003/ 1/29/2008 Air 1.0 µg/m³		828149-GP4-SVI C0802002-001A 1/29/2008 Air 1.0 µg/m³		828149-GP5-S\ C0802002-002/ 1/29/2008 Air 1.0 µg/m³		828149-GP6-SVI C0802002-005A 1/30/2008 Air 1.0 µg/m³		828149-GP6-SVIC C0802002-006A 1/30/2008 Air 1.0 μg/m3		828149-GP8-S C0802002-008 1/30/2008 Air 1.0 µg/m³	
Compound		Q		Q		Q		Q		Q		Q		Q		Q
1,1,1-Trichloroethane	0.832	U	1.22	J	0.832	U	0.832	C	0.832	U	0832	C	0.832	U	0.832	U
1,1-Dichloroethane	0.617	U	30.4		0.617	U	0.617	U	0.617	U	0.617	U	0.617	U	0.617	U
1,1-Dichloroethene	0.605	U	929		0.605	U	0.605	U	0.605	U	0.605	U	0.605	U	0.605	U
1,2,4-Trimethylbenzene	0.7	J	1.45	J	1.45	J	1.05	J	1.4	J	0.749	U	0.749	U	0.749	J
2,2,4-trimethylpentane	0.712	U	4.27	J	0.807	J	0.712	J	0.655	J	0.712	U	0.712	U	0.712	U
Acetone	10.9		43.5		24.9	J	31.6		26.8	J	13		12.6		8.21	
Benzene	0.487	U	9.09	J	2.99	J	2.37	J	3.86	J	0.649	J	0.779	J	0.487	U
Carbon disulfide	1.2		42.4		2.75	J	3.73		8.55	J	1.08	J	1.9		0.475	
Carbon tetrachloride	0.256	U	0.256	J	0.32	J	0.256	J	0.256	J	0.256	U	0.256	U	0.256	U
Chlorobenzene	0.702	U	0.702	U	0.702	U	0.655	J	0.702	U	0.702	C	0.702	U	0.702	U
Chloroethane	0.402	U	4.48	J	0.402	U	0.402	U	0.402	U	0.402	C	0.402	U	0.402	U
Chloroform	0.744	U	1.09	J	0.943	J	0.744	U	1.14		0.744	C	0.744	U	0.744	U
cis-1,2-Dichloroethene	0.604	U	2840		0.604	U	0.604	U	0.604	U	1.45	J	0.766		0.604	U
Cyclohexane	3.81		16.8	J	3.85	J	23.4		10.8	J	1.71	٦	2.17	J	0.525	U
Ethyl acetate	2.2		195		46.5	J	1.5		47.6	J	6.26	٦	2.60		0.879	J
Ethylbenzene	1.32	J	1.1	J	1.63	J	0.839	J	1.06	J	0.662	U	0.927	J	1.19	J
Freon 11	0.857		3.94	J	6	J	1.09		6.11		0.685	J	1.2		0.685	J
Freon 12	1.26		0.754	J	0.754	U	0.754	U	1.41		1.01	J	1.16		1.31	
Heptane	0.625	U	5.50	J	4.96	J	3.12	J	6.33	J	0.625	U	0.458	J	0.625	U
Hexane	0.537	U	66.6		8.96	J	51.9		19	J	0.824	J	1.86		0.537	U
m&p-Xylene	4.5	J	3.44	J	5.65	J	2.12	J	3.27	J	0.441	J	2.3	J	3.8	J
Methyl Ethyl Ketone	6	J	0.899	U	0.899	U	0.899	U	0.899	U	0.63	J	2.52		3.63	
Methylene chloride	1.52		2.12	J	0.847	J	0.600		0459	J	0.388	J	0.706		0.494	J
o-Xylene	1.68	J	1.06	J	1.94	J	0.706	J	1.1	J	0.662	U	0.75	J	1.32	J
Styrene	4.33	J	4.59	J	4.85	J	1.39	J	4.33	J	0.649	U	1.26	J	2.99	J
Tetrachloroethylene	1.03	J	9.24	J	10.3	J	1.59	J	1.65	J	15.2		1.79	J	1.24	J
Toluene	96.5		13.8		6.51	J	16.1	J	4.98	J	2.45	J	8.81		23.4	
trans-1,2-Dichloroethene	0.604	U	145		0.604	U	0.604	U	0.604	U	0.604	U	0.604	U	0.604	U
Trichloroethene	0.218	U	395		0.437	J	0.218	J	0.328	J	2.73	J	0.710	J	0.218	
Vinyl chloride	0.234		50600		0.104	U	0.104	U	0.831		0.104	U	0.104	U	0.104	U

**************************************	ON SITE AT TOWN + LOUNTRY	28149-601-8801 - 1100 -	1 3	SIAG-GPITEN ON GWRORAWY POINT SINGUA / SPICE	and Hore screen	51-5 VO 1-51 5 SOUT 75 51	28 14 9- 60 2- 85 01 12/2 0-5 17. WM
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	6W 1 AND GW 2 STWILE STWILE SZ 8 1+11 - GP 3 - SS U SANVIC SANVIC SZ 8 1+1 - GP 3 - SS U	S 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
4	0F INSTALLING PERMY 6W 1 AND GW 2 STWILE 5.71W2.E 5.28 149 - GP 3 - SSU 6.5ft. CLM CVM CPP SAMMULE 828: 79 - GP 3 - GW CPP	3.1.7 M. # 38	
13	WILL SHMPLE THESE IN OF INSTALLING PERMIT EN SCATORS COSCULT STAWLE STAWLE	2 1/1 × 2 × 3 × 3 × 3 × 3 × 3 × 3 × 3 × 3 × 3	
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1,3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 1 M # 38	

parge with bailer	Sample 2 Vots 0 930 828/49-6W2055-01	<u>\</u>	200 1 C 800 1	078-1/5/75	Single Comments	82019-CW2045-01	1105 AT HOS GENERAL MENEOE PLUNY SET WELL AT MIN 11'	STANTE LIVER S	1122 AT # 83 WONEUE PEW/	Soil VAPOR SHUPLE 10. (HIT BUCK -		(3)
1/29/68 828144-601-5v1	0VM 20,2 PPM at 0805 CAMSTER # 40	21th. Albumon # 372	STAR VACUM: 28,5		SOIL SAMPLE SOUT OF 32 ELWELL DR.		- 3	5' Po. of "	Sangle & Existing wells	6W 2055 Cerrel at orchand a	172 - 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	

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AT 1300	Samuel La Ton at 1219 - Brown
SAMPLE 2 VCAS 82849-CAPT-GW1 1305	no resolt on voc meter > Sport
14.00	828/49-6P/1 GP110-8514-000, at 1355
82814-612 1310	(2) Stil Samples, one lawelled 110
JAMUIE 2 VORS 828 H4-372-6MI W 1315-	
duricate 828149-6P2-6W10 at 1320	grammaticar well death = 10'
4	my result on 182 wetc. Opm
875 46 / AD 3 DAN CON 45 1515	Dut soil vapor well at 4' because
17. 8.28.49 - 12.D	Seil 2 5' Looked work
1	828149-(GP12- SS&1 10 1515
828149-644-	
<u></u>	-
SAMPLE 2 VCHS at 1345 828149 - 604-15W1	

	HELLUM TEST OPPN CAT GAG	C WA O PROM		82849 - 678-542	Can Her # 412 0	regulator #63		Λ	START VAC: 29	END: 0950	PND V#C: 4		# 828149- 6P11-8V1- CHINA		CANISTER # +20	KEAUMTOR # 175	START: 0815	START VAC: 28	540:048S	ENDYAC3	18	528/49-BP-1-GW-1	SAMPLED 2 VOAS AT 0925	525149- 68 6- 6W1	
1/20/08		0725 dd AT 32 ELWELL DR.	SOIL VAPOR HELIUM JESTING	AND INSTALLING SVOI	WILL DO A DUPLICATE HOLE		828149- GP L-SV1	X28149-4-6-50100 TUPLICATE			5V100 (DUFFICATION)	OPNISTER # 1 415	REGULATOR # : (400 - + 484 4 1 1 1 1 1	START: 074C	VAC SERT: 23	CTRP . 0900	747 440: 1		CV1 CONSONATED	4. L. J. L. C. J.	O GOSTAND HILLY - FACILY) - NEW HA	STADT - 174C	START VAC: 27	CN: 0920	4 .24 A2

奏称 医勒克氏分类形式 经经营的过去式和过去分词

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A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

February 20, 2008

CDM 15 Cornell Road Latham, NY 12110 Attn: Mr. John Blaum

RE: Client Project: Town and Country Cleaners – Site No. 8-28-149

Lab Work Order #: G0125

Dear Mr. Blaum:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Chulen

Sincerely,

Shirley Ng

Project Manager



* Data Summary Pack *

Mitkem Laboratories

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name: Town and Country Cleaners - Site No. 8-28-149

SDG: G0125

		Analytical Requirements										
Customer Sample ID	Laboratory Sample ID	MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other						
GP7-GW1	G0125-01	SW8260_W										
GW204S-01	G0125-02	SW8260_W										
GP110-SS1	G0125-03	SW8260_LOW_S										
GP4-SS1	G0125-04	SW8260_LOW_S										
GP8-SS1	G0125-05	SW8260_LOW_S										
GP11-SS1	G0125-06	SW8260_LOW_S										
GP100-SS1	G0125-07	SW8260_LOW_S										
GP12-SS1	G0125-08	SW8260_LOW_S										
GP10-SS1	G0125-09	SW8260_LOW_S										
GP5-SS1	G0125-10	SW8260_LOW_S										
GP6-SS1	G0125-11	SW8260_LOW_S										
GP1-SS01	G0125-12	SW8260_LOW_S										
GP2-SS1	G0125-13	SW8260_LOW_S										
GP3-SS01	G0125-14	SW8260_LOW_S										
GP5-GW1	G0125-15	SW8260_W										
GW2	G0125-16	SW8260_W										
GP1-GW1	G0125-17	SW8260_W										
GW1	G0125-18	SW8260_W										
GW205S-01	G0125-19	SW8260_W	× 1									
GP2-GW1	G0125-20	SW8260_W										
GP2-GW10	G0125-21	SW8260_W										
GP3-GW1	G0125-22	SW8260_W										
GP6-GW1	G0125-23	SW8260_W										
GP10-GW1	G0125-24	SW8260_W										
3P12-GW1	G0125-25	SW8260_W				1						
GP11-GW1	G0125-26	SW8260_W										
GP9-GW1	G0125-27	SW8260_W										
TRIPBLANK	G0125-28	SW8260_W				-						
GP4-GW1	G0125-29	SW8260_W										

Mitkem Laboratories

New York State Department of Environmental Conservation Sample Preparation and Analysis Summary MSVOA

Project Name: Town and Country Cleaners - Site No. 8-28-149

SDG: G0125

Laboratory		Date	Date Received	Date	Date
Sample ID	Matrix	Collected	By Lab	Extracted	Analyzed
SW8260_LOW_S					
G0125-03A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-04A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-05A	SL	1/29/2008	1/31/2008	NA	1/31/2008
G0125-06A	SL.	1/29/2008	1/31/2008	NA	1/31/2008
G0125-07A	SL.	1/29/2008	1/31/2008	NA	1/31/2008
G0125-07ARE	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-08A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-08ARE	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-09A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-10A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-11A	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-11ARE	SL	1/29/2008	1/31/2008	NA	2/1/2008
G0125-12A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-12ADL	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-13A	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-13ADL	SL	1/28/2008	1/31/2008	NA	2/1/2008
G0125-14A	SL	1/28/2008	1/31/2008	NA	2/1/2008
SW8260_W			-		
G0125-01A	AQ	1/30/2008	1/31/2008	NA	2/4/2008
G0125-02A	AQ	1/29/2008	1/31/2008	NA	2/4/2008
G0125-15A	AQ	1/29/2008	1/31/2008	NA	2/4/2008
G0125-16A	AQ	1/28/2008	1/31/2008	NA	2/4/2008
G0125-16ADL	AQ	1/28/2008	1/31/2008	NA	2/5/2008
G0125-17A	AQ	1/29/2008	1/31/2008	NA	2/4/2008
G0125-17ADL	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-18A	AQ	1/28/2008	1/31/2008	NA	2/4/2008
G0125-18ADL	AQ	1/28/2008	1/31/2008	NA	2/5/2008
G0125-19A	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-20A	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-20ADL	AQ	1/29/2008	1/31/2008	NA	2/6/2008
G0125-21A	AQ	1/29/2008	1/31/2008	NA	2/5/2008
G0125-21ADL	AQ	1/29/2008	1/31/2008	NA	2/8/2008
G0125-22A	AQ	1/29/2008	1/31/2008	NA	2/6/2008
G0125-23A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-24A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-25A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-26A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-27A	AQ	1/30/2008	1/31/2008	NA	2/6/2008
G0125-28A	AQ	1/30/2008	1/31/2008	NA	2/5/2008
G0125-29A	AQ	1/29/2008	1/31/2008	NA	2/8/2008

Mitkem Laboratories

New York State Department of Environmental Conservation Sample Preparation and Analysis Summary MSVOA

Project Name: Town and Country Cleaners - Site No. 8-28-149

SDG: G0125

Laboratory		Analytical	Extraction	Low/Medium	Dil/Conc
Sample ID	Matrix	Protocol	Method	Level	Factor
SW8260_LOW_S				. 	
G0125-03A	SL	SW8260 LOW S	NA NA	LOW	1
G0125-04A	SL	SW8260_LOW_S	NA	LOW	1
G0125-05A	SL	SW8260_LOW_S	NA	LOW	1
G0125-06A	SL	SW8260_LOW_S	NA	LOW	1
30125-07A	SL	SW8260_LOW_S	NA	LOW	1
G0125-07ARE	SL	SW8260_LOW_S	NA	LOW	1
G0125-08A	SL	SW8260_LOW_S	NA	LOW	1
G0125-08ARE	SL	SW8260_LOW_S	NA	LOW	1
G0125-09A	SL	SW8260_LOW_S	NA	LOW	1
G0125-10A	SL	SW8260_LOW_S	NA	LOW	1
G0125-11A	SL	SW8260_LOW_S	NA	LOW	1
G0125-11ARE	SL	SW8260_LOW_S	NA	LOW	1
G0125-12A	SL	SW8260_LOW_S	NA	LOW	1
G0125-12ADL	SL	SW8260_LOW_S	NA	LOW	1
G0125-13A	SL	SW8260_LOW_S	NA	LOW	1
G0125-13ADL	SL	SW8260_LOW_S	NA	LOW	1
G0125-14A	SL	SW8260_LOW_S	NA	LOW	1
SW8260_W	<u> </u>				
G0125-01A	AQ	SW8260_W	NA	LOW	1
G0125-02A	AQ	SW8260_W	NA	LOW	1
G0125-15A	AQ	SW8260_W	NA	LOW	1
G0125-16A	AQ	SW8260_W	NA	LOW	1
G0125-16ADL	AQ	SW8260_W	NA	LOW	1
G0125-17A	AQ	SW8260_W	NA	LOW	1
G0125-17ADL	AQ	SW8260_W	NA	LOW	1
G0125-18A	AQ	SW8260_W	NA	LOW	1
G0125-18ADL	AQ	SW8260_W	NA	LOW	1
G0125-19A	AQ	SW8260_W	NA	LOW	1
G0125-20A	AQ	SW8260_W	NA	LOW	1
G0125-20ADL	AQ	SW8260_W	NA	LOW	1
G0125-21A	AQ	SW8260_W	NA	LOW	1
G0125-21ADL	AQ	SW8260_W	NA	LOW	1
G0125-22A	AQ	SW8260_W	NA	LOW	1
G0125-23A	AQ	SW8260_W	NA	LOW	1
G0125-24A	AQ	SW8260_W	NA	LOW	1
G0125-25A	AQ	SW8260_W	NA	LOW	1
G0125-26A	AQ	SW8260_W	NA	LOW	1
G0125-27A	AQ	SW8260_W	NA	LOW	1
G0125-28A	AQ	SW8260_W	NA	LOW	1
G0125-29A	AQ	SW8260_W	NA	LOW	1

Analytical Data Package for CDM

Client Project No.: Town and Country Cleaners – Site No. 8-28-149

Mitkem Work Order ID: G0125

February 20, 2008

Prepared For:

CDM

15 Cornell Road Latham, NY 12110 Attn: Mr. John Blaum

Prepared By:

Mitkem Laboratories

175 Metro Center Boulevard

Warwick, RI 02886 (401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to CDM's Town and Country Cleaners – Site No. 8-28-149 project. Under this deliverable, analysis results are presented for seventeen aqueous samples and twelve soil samples that were received on January 31, 2008. Analyses were performed per discussion with client and the chain of custody forms. Following the narrative is a table of sample identifications for cross-referencing full client sample ID, shortened client sample ID and laboratory sample ID, along with the Mitkem Work Order.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous under this category, the justification is explained.
- M6 software did not integrate peak
- M7 partial peak integration

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits with the exception of 1, 2-dichloroethane-d4 in sample GP12-SS1.

Lab control sample/ lab control sample duplicate: spike recoveries were within the QC limits with the exception of 1,1-dichloropropene in V6JLCSD, and total xylene in V1ELCS. Replicate RPDs were within the QC limits with the exception of dichlorodifluoromethane and trichlorofluoromethane in V6JLCS and V6JLCSD.

Sample analysis: due to high concentration of target analytes, sample GP1-GW1 was reanalyzed at a 25x dilution as GP1-GW1DL. Sample GP1-SS01 was re-analyzed at 10x dilution by using 0.5g of sample as GP1-SS01DL. Sample GP2-GW1 was re-analyzed at 1000x dilution as GP2-GW1DL. Sample GP2-GW10 was re-analyzed at 500x dilution as GP2-GW10DL. Sample GP2-SS1 was re-analyzed at 5x dilution by using 1g of sample as GP2-SS1DL. Sample GW1 was re-analyzed at a 5x dilution as GW1DL. Sample GW2 was reanalyzed at 4x dilution as GW2DL. Internal standard area count was outside the QC limits in samples GP100-SS1 and its re-analysis GP100-SS1RE, GP12-SS1 and its re-analysis GP12-SS1RE, GP6-SS1 and its re-analysis GP6-SS1RE, and GP1-SS01.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Shirley Ng Project Manager

02/20/08

Mitkem and Client Sample ID Summary Report*

Mitkem Workorder: G0125 Client Name: CDM

Cuent Numi	e. CDIVI	
Mitkem Sample ID	Reported Client Sample ID	Full Client Sample ID
G0125-01A	GP7-GW1	828149-GP7-GW1
G0125-02A	GW204S-01	828149-GW204S-01
G0125-03A	GP110-SS1	828149-GP110-SS1
G0125-04A	GP4-SS1	828149-GP4-SS1
G0125-05A	GP8-SS1	828149-GP8-SS1
G0125-06A	GP11-SS1	828149-GP11-SS1
G0125-07A	GP100-SS1	828149-GP100-SS1
G0125-08A	GP12-SS1	828149-GP12-SS1
G0125-09A	GP10-SS1	828149-GP10-SS1
G0125-10A	GP5-SS1	828149-GP5-SS1
G0125-11A	GP6-SS1	828149-GP6-SS1
G0125-12A	GP1-SS01	828149-GP1-SS01
G0125-13A	GP2-SS1	828149-GP2-SS1
G0125-14A	GP3-SS01	828149-GP3-SS01
G0125-15A	GP5-GW1	828149-GP5-GW1
G0125-16A	GW2	828149-GW2
G0125-17A	GP1-GW1	828149-GP1-GW1
G0125-18A	GW1	828149-GW1
G0125-19A	GW205S-01	828149-GW205S-01
G0125-20A	GP2-GW1	828149-GP2-GW1
G0125-21A	GP2-GW10	828149-GP2-GW10
G0125-22A	GP3-GW1	828149-GP3-GW1
G0125-23A	GP6-GW1	828149-GP6-GW1
G0125-24A	GP10-GW1	828149-GP10-GW1
G0125-25A	GP12-GW1	828149-GP12-GW1
G0125-26A	GP11-GW1	828149-GP11-GW1
G0125-27A	GP9-GW1	828149-GP9-GW1
G0125-28A	TRIPBLANK	TRIP BLANK
G0125-29A	GP4-GW1	828149-GP4-GW1

^{*} If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-17A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6198

Level:

(low/med)

_ .

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8				
74-87-3	75-71-8	Dichlorodifluoromethane	5	U
75-01-4Vinyl Chloride 1500 E 74-83-9Bromomethane 5 U 75-00-3Chloroethane 5 U 75-69-4				_
74-83-9				
75-00-3				
75-69-4Trichlorofluoromethane 5 U 75-35-41,1-Dichloroethene 51 67-64-1Acetone 5 U 74-88-4				-
75-35-41,1-Dichloroethene 51 67-64-1Acetone 5 74-88-4Iodomethane 5 75-15-0Carbon Disulfide 5 75-09-2Methylene Chloride 5 156-60-5				·
67-64-1Acetone 5 U 74-88-4Iodomethane 5 U 75-15-0Carbon Disulfide 5 U 75-09-2Methylene Chloride 5 U 156-60-5trans-1,2-Dichloroethene 26 1634-04-4Methyl tert-butyl ether 5 U 75-34-31,1-Dichloroethane 3 J 108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 2300 E 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 77-97-5Bromochloromethane 5 U 63-58-61,1,1-Trichloroethane 5 U 71-55-61,2-Dichloropropene 5 U 70-06-21,2-Dichloroethane 5 U 79-01-6Trichloroethene 870 E 78-87-5			1	
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GP1-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SA

Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6198

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

		(-5, 2 -1 -1 -5,		-
		4 0 0' 17		
		-1,3-Dichloropropane	5 U	
		-Tetrachloroethene	1400 E	
	591-78-6		5 U	
		-Dibromochloromethane	5 U	
		-1,2-Dibromoethane	5 U 5 U	
	108-90-7		5 U	
		-1,1,1,2-Tetrachloroethane	5 บิ	
	100-41-4	-Ethylbenzene	5 ט	
		-m,p-Xylene	5 บ	
	95-47-6	-o-Xylene	5 U 5 U 5 U 5 U 5 U 5 U	
		-Xylene (Total)	5 U	
•	100-42-5		5 U	
	75-25-2		5 U	
	98-82-8	-Isopropylbenzene	5 U	
	79-34-5	-1,1,2,2-Tetrachloroethane	5 บ	
	108-86-1		5 U ·	
		-1,2,3-Trichloropropane	5 ט	•
		-n-Propylbenzene	5 U	
		-2-Chlorotoluene	5 U	
		-1,3,5-Trimethylbenzene	5 บ	
		-4-Chlorotoluene	5 U 5 U 5 U	
		-tert-Butylbenzene	5 บ	
	95-63-6	-1,2,4-Trimethylbenzene	5 บิ	
		-sec-Butylbenzene	5 U	
	99-87-6	-4-Isopropyltoluene	5 U	
	541-73-1	-1,3-Dichlorobenzene	5 U 5 U	
	106-46-7	-1,4-Dichlorobenzene	5 ע	
	104-51-8	-n-Butylbenzene	5 U	
		-1,2-Dichlorobenzene	5 U 5 U 5 U 5 U	
		-1,2-Dibromo-3-chloropropane	5 U	
	120-82-1	-1,2,4-Trichlorobenzene	5 U	
		-Hexachlorobutadiene	5 ปี	
	91-20-3		5 U	
	87-61-6	-1,2,3-Trichlorobenzene	5 0	
	,	• •		
		· · · · · · · · · · · · · · · · · · ·		

VOLATILE ORGANICS ANALYSIS DATA SHEET

	TENTATIVELY	IDENTIFIED COMPOUNDS	GP1-GW1
			' GBI-GMI
Lab Name:	MITKEM LABORATORIES	Contract:	I <u></u> -

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6198

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Number TICs found: 0

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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GP1-GW1DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-17ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6208

Level:

(low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm) Dilution Factor: 25.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

	corroding (ag, 1 or ag,	
75-71-8	Dichlorodifluoromethane	120 U
	Chloromethane	120 U
	Vinyl Chloride	1300 D
	Bromomethane	120 U
	Chloroethane	120 U
	Trichlorofluoromethane	120 U
	1,1-Dichloroethene	39 DJ
67-64-1		120 U
	Iodomethane	120 U
	Carbon Disulfide	120 U
	Methylene Chloride	120 U
	trans-1,2-Dichloroethene	120 U
	Methyl tert-butyl ether	120 U
	1,1-Dichloroethane	120 U
	Vinyl acetate	120 U
	2-Butanone	120 U
156-59-2	cis-1,2-Dichloroethene	2700 D
590-20-7	2,2-Dichloropropane	120 U
	Bromochloromethane	120 U
	Chloroform	120 U
71-55-6	1,1,1-Trichloroethane	120 U
563-58-6	1,1-Dichloropropene	120 U
	Carbon Tetrachloride	120 U
	1,2-Dichloroethane	120 U
71-43-2		120 U
	Trichloroethene	770 D
	1,2-Dichloropropane	120 U
	Dibromomethane	120 U
	Bromodichloromethane	120 U
	cis-1,3-Dichloropropene	120 U
	4-Methyl-2-pentanone	120 U
108-88-3		120 U
	trans-1,3-Dichloropropene	120 U
79-00-5	1,1,2-Trichloroethane	120 U
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GP1-GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17ADL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6208

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

	(49/1 01 49		
142-28-9	1,3-Dichloropropane	120	II
127-18-4	Tetrachloroethene	2900	
591-78-6		120	
124-48-1	Dibromochloromethane	120	
106-93-4	1,2-Dibromoethane	120	
	Chlorobenzene	120	4
	1,1,1,2-Tetrachloroethane	120	
100-41-4	Ethylbenzene	120	l .
	m,p-Xylene	120	1
95-47-6	o-Xvlene	120	1
	Xylene (Total)	120	1
100-42-5	Styrene	120	י ס ט
75-25-2		120	1
98-82-8	Isopropylbenzene	120	י ט ו
	1,1,2,2-Tetrachloroethane	120	יט (י
108-86-1	Bromobenzene	120	יט ט
96-18-4	1,2,3-Trichloropropane	120	טו
103-65-1	n-Propylbenzene	120	טו
	2-Chlorotoluene	120	ט ו
	1,3,5-Trimethylbenzene	120	ט ו
	4-Chlorotoluene	120	U
	tert-Butylbenzene	120	י ט
	1,2,4-Trimethylbenzene	120	י ד
	sec-Butylbenzene_	120	ישו
	4-Isopropyltoluene	120	י ט וי
	1,3-Dichlorobenzene	120	Ū
	1,4-Dichlorobenzene	120	י ט
	n-Butylbenzene	120	
	1,2-Dichlorobenzene	120	
96-12-8	1,2-Dibromo-3-chloropropane_	120	
	1,2,4-Trichlorobenzene	120	
	Hexachlorobutadiene	120	
91-20-3	Naphthalene	120	1 .
87-61-6	1,2,3-Trichlorobenzene	120	Ū
	<u> </u>		.l <u></u>

GP1-GW1DL Lab Name: MITKEM LABORATORIES Contract:

Case No.: SAS No.: Lab Code: MITKEM SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-17ADL

5.000 (g/mL) ML Sample wt/vol: Lab File ID: V6F6208

(low/med) Date Received: 01/31/08 Level: LOW

% Moisture: not dec. Date Analyzed: 02/05/08

Dilution Factor: 25.0 GC Column: DB-624 ID: 0.25 (mm)

Soil Aliquot Volume: ____(uL) Soil Extract Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP1-SS01

Lab Name: MITKEM LABORATORIES

Contract:

SAS No.: SDG No.: MG0125

Lab Code: MITKEM Case No.:

Lab Sample ID: G0125-12A

Matrix: (soil/water) SOIL

Lab File ID:

V1J3831

Sample wt/vol:

5.2 (g/mL) G

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

75-71-8	Dichlorodifluoromethane	6	U
	Chloromethane	- 6	ט
	Vinyl Chloride	270	Ē
	Bromomethane	- 6	ן -
75-00-3	Chloroethane	_ _ 6	Ū
75-69-4	Trichlorofluoromethane	- -	ָ װ
	1,1-Dichloroethene	_ 16	
67-64-1		_ 7	\overline{B}
	Iodomethane	_ 6	1
75-15-0	Carbon Disulfide	_ 6	ן .
75-09-2	Methylene Chloride	- 6	Ū
	trans-1,2-Dichloroethene	9]
	Methyl tert-butyl ether	_ 6	Ū
	1,1-Dichloroethane	- 6	Ū
108-05-4	Vinyl acetate	- 6	Ū
78-93 - 3	2-Butanone	_ 6	ΙŪ
	cis-1,2-Dichloroethene	1200	E
	2,2-Dichloropropane	- 6	U
	Bromochloromethane	_ 6	שׁ
67-66-3	Chloroform	- 6	ש
	1,1,1-Trichloroethane	- 6	Ū
563-58-6	1,1-Dichloropropene	_ 6	Ū
56-23-5	Carbon Tetrachloride	6	Ū
107-06-2	1,2-Dichloroethane	- 6	שׁ
71-43-2		_ 	ט
79-01-6	Trichloroethene	340	E
78 - 87-5	1,2-Dichloropropane	- 6	ט
	Dibromomethane	_ _	υ
75-27-4	Bromodichloromethane	- 6	Ū
	cis-1,3-Dichloropropene	- 6	Ū
	4-Methyl-2-pentanone	- 6	Ū
108-88-3		_ 2	Ĵ
	trans-1,3-Dichloropropene	- 6	Ū
	1,1,2-Trichloroethane	- 6	Ū

EPA SAMPLE NO.

GP1-SS01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-12A

Sample wt/vol:

5.2 (q/mL) G

Lab File ID: V1J3831

Level:

LOW (low/med)

Date Received: 01/31/08

% Moisture: not dec. 19

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

142-28-91,3-Dichloropropane 6 127-18-4Tetrachloroethene 210 591-78-62-Hexanone 6 124-48-1Dibromochloromethane 6 106-93-41,2-Dibromoethane 6 108-90-7Chlorobenzene 6 630-20-61,1,1,2-Tetrachloroethane 6 100-41-4Ethylbenzene 6 95-47-6	ט	
127-18-4Tetrachloroethene 210 591-78-62-Hexanone 6 124-48-1Dibromochloromethane 6 106-93-41,2-Dibromoethane 6 108-90-7Chlorobenzene 6 630-20-61,1,1,2-Tetrachloroethane 6 100-41-4Ethylbenzene 6		
591-78-62-Hexanone 6 124-48-1Dibromochloromethane 6 106-93-41,2-Dibromoethane 6 108-90-7Chlorobenzene 6 630-20-61,1,1,2-Tetrachloroethane 6 100-41-4Ethylbenzene 6)	
124-48-1	. I 	
106-93-41, 2-Dibromoethane 6 108-90-7Chlorobenzene 6 630-20-61, 1, 1, 2-Tetrachloroethane 6 100-41-4Ethylbenzene 6	5 U	
630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzenem,p-Xylene 95-47-6Xylene 1330-20-7Xylene (Total) 100-42-5Styrene 75-25-2Bromoform 98-82-8Isopropylbenzene 79-34-51,1,2,2-Tetrachloroethane 108-86-1Bromobenzene 96-18-41,2,3-Trichloropropane 103-65-1	. -	
100-41-4Ethylbenzene 6	ט ו	
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95-47-6	Ū	
100-42-5Styrene 6 75-25-2Bromoform 6 98-82-8Isopropylbenzene 6 79-34-51,1,2,2-Tetrachloroethane 6 108-86-1Bromobenzene 6 96-18-41,2,3-Trichloropropane 6 103-65-1n-Propylbenzene 6 95-49-82-Chlorotoluene 6 108-67-81,3,5-Trimethylbenzene 6	שו	
100-42-5Styrene 6 75-25-2Bromoform 6 98-82-8Isopropylbenzene 6 79-34-51,1,2,2-Tetrachloroethane 6 108-86-1Bromobenzene 6 96-18-41,2,3-Trichloropropane 6 103-65-1n-Propylbenzene 6 95-49-82-Chlorotoluene 6 108-67-81,3,5-Trimethylbenzene 6	ט ו	
98-82-8	ט כ	
79-34-51,1,2,2-Tetrachloroethane 6 108-86-1Bromobenzene 6 96-18-41,2,3-Trichloropropane 6 103-65-1	์ U	
108-86-1Bromobenzene 6 96-18-41,2,3-Trichloropropane 6 103-65-1	ช	
96-18-41,2,3-Trichloropropane 6 103-65-1n-Propylbenzene 6 95-49-82-Chlorotoluene 6 108-67-81,3,5-Trimethylbenzene 6	U	
103-65-1n-Propylbenzene 6 95-49-82-Chlorotoluene 6 108-67-81,3,5-Trimethylbenzene 6	טו	
95-49-82-Chlorotoluene 6 108-67-81,3,5-Trimethylbenzene 6	ט ו	
108-67-81,3,5-Trimethylbenzene6	ט ז	
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106-43-44-Chlorotoluene	ט ו	
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98-06-6tert-Butylbenzene 6	U	
95-63-61,2,4-Trimethylbenzene 6	ט כ	
135-98-8sec-Butylbenzene 6	ט ו	
99-87-64-Isopropyltoluene 6	: ប	
541-73-11,3-Dichlorobenzene 6	: ប	
106-46-71,4-Dichlorobenzene 6	U	
104-51-8n-Butylbenzene 6	U	
95-50-11,2-Dichlorobenzene 6	U	
96-12-81,2-Dibromo-3-chloropropane 6	שו	
120-82-11,2,4-Trichlorobenzene 6	U	
87-68-3Hexachlorobutadiene 6	U	
91-20-3Naphthalene 6	U	
87-61-61,2,3-Trichlorobenzene 6	ט :	
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GP1-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-12A

Sample wt/vol: 5.2 (g/mL) G Lab File ID:

V1J3831

Level:

(low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 19

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

GP1-SS01DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12ADL

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J3860

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(mL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG (

CAS NO.	COMPOSID (ug/II of ug	,, ng, ou, no	Q
75-71-8	Dichlorodifluoromethane	62	TI
	Chloromethane	- 62	1
	Vinyl Chloride	200	1
	Bromomethane	- 62	1
	Chloroethane	- 62	1
	Trichlorofluoromethane	- 62	
	1,1-Dichloroethene	_ 1	DJ
67-64-1		- 62	
	Iodomethane	62	
	Carbon Disulfide	- 62	
	Methylene Chloride		DJB
	trans-1,2-Dichloroethene	-	DJ
	Methyl tert-butyl ether	- 62	
	1,1-Dichloroethane	62	
	Vinyl acetate	- 62	
	2-Butanone	- 62	1
	cis-1,2-Dichloroethene	2200	ı
	2,2-Dichloropropane	- 62	1
	Bromochloromethane	- 62	1
	Chloroform	62	1
	1,1,1-Trichloroethane	- 62	
	1,1-Dichloropropene	62	
	Carbon Tetrachloride	- 62	
	1,2-Dichloroethane	- 62	
71-43-2		62	
	Trichloroethene	1100	1
	1,2-Dichloropropane	62	
74-95-3	Dibromomethane	62	
	Bromodichloromethane	62	
	cis-1,3-Dichloropropene	62	
	4-Methyl-2-pentanone	62	
108-88-3			DJ
	trans-1,3-Dichloropropene	62	
	1,1,2-Trichloroethane	62	l
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FORM I VOA

OLM03.0

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES Contract: GP1-SS01DL

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-12ADL

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J3860

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 19 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAD NO.	(dg/H of dg/		×
142-28-9	1,3-Dichloropropane	62	TJ
	Tetrachloroethene	1100	D
	2-Hexanone	62	
	Dibromochloromethane	62	
	1,2-Dibromoethane	62	
	Chlorobenzene	62	
	1,1,1,2-Tetrachloroethane	1	Ū
	Ethylbenzene	1	Ū
	m,p-Xylene	1	Ū
	o-Xylene	1	Ū
1330-20-7	Xylene (Total)	62	Ū
100-42-5		62	
	Bromoform	62	
98-82-8	Isopropylbenzene	62	U
79-34-5	1,1,2,2-Tetrachloroethane	62	U
	Bromobenzene	62	U
96-18-4	1,2,3-Trichloropropane	62	U
103-65-1	n-Propylbenzene	62	U
95-49-8	2-Chlorotoluene	62	U
108-67-8	1,3,5-Trimethylbenzene	62	U
	4-Chlorotoluene	62	U
	tert-Butylbenzene	62	U
	1,2,4-Trimethylbenzene	62	U.
135-98-8	sec-Butylbenzene	62	Ū
	4-Isopropyltoluene	62	U
	1,3-Dichlorobenzene	62	U
	1,4-Dichlorobenzene		U
	n-Butylbenzene	62	Ū
	1,2-Dichlorobenzene		U
	1,2-Dibromo-3-chloropropane_	1 1	U
	1,2,4-Trichlorobenzene	62	
	Hexachlorobutadiene		U
	Naphthalene		U
87-61-6	1,2,3-Trichlorobenzene	62	Ŭ

FORM I VOA

OLM03.0

Lab Name: MITKEM LABORATORIES

Contract:

GP1-SS01DL

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-12ADL

Sample wt/vol: 0.5 (q/mL) G

Lab File ID: V1J3860

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 19

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Number TICs found: 0

Dilution Factor: 1.0

Soil Extract Volume: ____(mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP10-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-24A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6228

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

		
75-71-8	Dichlorodifluoromethane	5 U
74-87-3	Chloromethane	ן 5 ט
75-01-4	Vinyl Chloride	ן 5 ט
74-83-9	Bromomethane	5 U
	Chloroethane	5 U
75-69-4	Trichlorofluoromethane	5 ט
75-35-4	1,1-Dichloroethene	5 U
67-64-1		5 U
74-88-4	Iodomethane	- 5 U
	Carbon Disulfide	5 ט
	Methylene Chloride	5 U
	trans-1,2-Dichloroethene	5 U
1634-04-4	Methyl tert-butyl ether	5 U
	1,1-Dichloroethane	[5 U
	Vinyl acetate	5 U
	2-Butanone	5 U
	cis-1,2-Dichloroethene	5 U
	2,2-Dichloropropane	5 U
	Bromochloromethane	اً
	Chloroform	5 U
	1,1,1-Trichloroethane	5 U
	1,1-Dichloropropene	
	Carbon Tetrachloride	5 U 5 U 5 U
	1,2-Dichloroethane	5 U
71-43-2		2 1
	Trichloroethene	1 5 U
	1,2-Dichloropropane	2 J 5 U 5 U 5 U 5 U 5 U 5 U
	Dibromomethane	5 U
	Bromodichloromethane	5 17
	cis-1,3-Dichloropropene) 5 υ
	4-Methyl-2-pentanone	5 0
108-88-3		3 J
	trans-1,3-Dichloropropene	5 0
	1,1,2-Trichloroethane	5 0
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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP10-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-24A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6228

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

			-
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	- 2	
	2-Hexanone	- 5	
124-48-1	Dibromochloromethane	- 5	
	1,2-Dibromoethane	- 5	Ü
	Chlorobenzene	5	Ū
	1,1,1,2-Tetrachloroethane	_ 5	บี
	Ethylbenzene	- 5	Ü
	m,p-Xylene	5 - 2	J
	o-Xylene	-	Ü
	Xylene (Total)	5 2	Ĵ
100-42-5		5	ט
	Bromoform	- 5	
	Isopropylbenzene	- 5	ָ ^ט
	1,1,2,2-Tetrachloroethane	5	Ü
	Bromobenzene	- 5	U
	1,2,3-Trichloropropane	5	Ü
103-65-1	n-Propylbenzene	- 5	υ
95-49-8	2-Chlorotoluene	5	Ü
	1,3,5-Trimethylbenzene	- 5	Ū
	4-Chlorotoluene	- 5	ט .
	tert-Butylbenzene	- 5	Ü
	1,2,4-Trimethylbenzene	5	lΰ
	sec-Butylbenzene	5	Ū
	4-Isopropyltoluene	-	Ü
	1,3-Dichlorobenzene	- '	שׁ
106-46-7	1,4-Dichlorobenzene	5 5 5	Ü
	n-Butylbenzene	5	Ū
	1,2-Dichlorobenzene	- 5	ט
	1,2-Dibromo-3-chloropropane	- 5	שׁ
120-82-1	1,2,4-Trichlorobenzene	5	מ
87-68-3	Hexachlorobutadiene	- 5	ם ח
	Naphthalene	- 5	שׁ
	1,2,3-Trichlorobenzene	- 5	ָ ^ט
0, 01 0		-	
		- I	I

		-			i
					GP10-GW1
Lab	Name:	MITKEM	LABORATORIES	Contract:	

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-24A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6228

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. ____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1			<u> </u>	
2	<u> </u>			
4.				
٦.				
6. 7.				
0.				
9.				
11.				
14.				
13. 14.				
15. 16.				
16.				
17. 18.	<u> </u>			
1. J.				
20.	· · · · · · · · · · · · · · · · · · ·		<u> </u>	
21.				· -
∠3.				
25.				
26.				
27.				
28.				
30				

GP10-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-09A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3856

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

75-71-8Dichlorodifluoromethane 6 U 74-87-3Chloromethane 6 U 75-01-4Vinyl Chloride 6 U 74-83-9	CAD NO.	CONTOONS (ag/1 of ag	,, 1.g, 00, 1.0	×
74-87-3	75-71-8	Dichlorodifluoromethane	6	ŢŢ
75-01-4			- I	,
74-83-9			- 1	
75-00-3				
75-69-4				
75-35-41,1-Dichloroethene 6 U 67-64-1Acetone 6 U 74-88-4			-	
67-64-1			=	
74-88-4				
75-15-0				
75-09-2Methylene Chloride 4 JB 156-60-5trans-1,2-Dichloroethene 6 U 1634-04-4Methyl tert-butyl ether 6 U 75-34-31,1-Dichloroethane 6 U 108-05-4Vinyl acetate 6 U 78-93-32-Butanone 6 U 156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 563-58-61,2-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 79-01-6Benzene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5	75-15-0	Carbon Disulfide	- I	
156-60-5trans-1,2-Dichloroethene 6 1634-04-4Methyl tert-butyl ether 6 75-34-31,1-Dichloroethane 6 108-05-4Vinyl acetate 6 78-93-32-Butanone 6 156-59-2cis-1,2-Dichloroethene 6 590-20-72,2-Dichloropropane 6 74-97-5Bromochloromethane 6 67-66-3Chloroform 6 71-55-61,1,1-Trichloroethane 6 66-23-5Carbon Tetrachloride 6 107-06-21,2-Dichloropropene 6 71-43-2Benzene 6 79-01-6Trichloroethene 6 74-95-3Bromodichloromethane 6 10061-01-5	75-09-2	Methylene Chloride	-	
1634-04-4Methyl tert-butyl ether 6 75-34-31,1-Dichloroethane 6 108-05-4Vinyl acetate 6 78-93-32-Butanone 6 156-59-2cis-1,2-Dichloroethene 6 590-20-72,2-Dichloropropane 6 74-97-5Bromochloromethane 6 60-20-7	156-60-5	trans-1,2-Dichloroethene	- I	
75-34-31,1-Dichloroethane 6 U 108-05-4Vinyl acetate 6 U 78-93-32-Butanone 6 U 156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 79-01-6Trichloroethene 6 U 78-87-5Dibromomethane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5				
108-05-4Vinyl acetate 6 U 78-93-32-Butanone 6 U 156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 10061-01-5Bromodichloromethane 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U			- 1	1
78-93-32-Butanone 6 U 156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U				
156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U	78-93-3	2-Butanone		
590-20-72,2-Dichloropropane 6 74-97-5Bromochloromethane 6 67-66-3Chloroform 6 71-55-61,1,1-Trichloroethane 6 563-58-61,1-Dichloropropene 6 56-23-5Carbon Tetrachloride 6 107-06-21,2-Dichloroethane 6 71-43-2Benzene 6 79-01-6Trichloroethene 6 78-87-51,2-Dichloropropane 6 74-95-3Dibromomethane 6 10061-01-5cis-1,3-Dichloropropene 6 108-88-3Toluene 3 10061-02-6trans-1,3-Dichloropropene 6	156-59-2	cis-1,2-Dichloroethene	6	שׁ
74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U			- 6	ע
71-55-61,1,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 10061-01-5Bromodichloromethane 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U	74-97-5	Bromochloromethane	⁻ 6	U
563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U	67-66-3	Chloroform	6	U
563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U	71-55-6	1,1,1-Trichloroethane	6	Ū
107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U	563-58-6	1,1-Dichloropropene	6	U
71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U			6	U
79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U	107-06-2	1,2-Dichloroethane	6	שׁ
78-87-51, 2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1, 3-Dichloropropene 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 3 J 10061-02-6trans-1, 3-Dichloropropene 6 U	71-43-2	Benzene	[6	U
74-95-3	79-01-6	Trichloroethene	[6	ש
75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U			6	U
10061-01-5cis-1,3-Dichloropropene 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U			6	U
108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U			6	U
108-88-3Toluene 3 J 10061-02-6trans-1,3-Dichloropropene 6 U			6	ש
10061-02-6trans-1,3-Dichloropropene 6 U				
10061-02-6trans-1,3-Dichloropropene 6 U 79-00-51,1,2-Trichloroethane 6 U				
79-00-51,1,2-Trichloroethane6U	10061-02-6	trans-1,3-Dichloropropene	6	U
	79-00-5	1,1,2-Trichloroethane	6	U
				<u> </u>

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP10-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-09A

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V1J3856

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND

142-28-9	1,3-Dichloropropane	6	ט
	Tetrachloroethene	6	U
591-78-6	2-Hexanone	1	Ū
124-48-1	Dibromochloromethane		<u>"</u>
	1,2-Dibromoethane		Ü
	Chlorobenzene	6	
	1,1,1,2-Tetrachloroethane	6	
100-41-4		6	1
			υ
95-47-6		l .	Ū
1330-20-7	Xylene (Total)		Ü
100-42-5	Styrene	l .	Ū
75-25-2		l .	Ū
	Isopropylbenzene		บ
79-34-5	1,1,2,2-Tetrachloroethane	l .	Ü
108-86-1			Ū
	1,2,3-Trichloropropane		Ü
	n-Propylbenzene		Ū
	2-Chlorotoluene		Ū
	1,3,5-Trimethylbenzene		Ū
	4-Chlorotoluene		Ū
	tert-Butylbenzene	6	1
	1,2,4-Trimethylbenzene	6	1
	sec-Butylbenzene	6	1
	4-Isopropyltoluene	6	1
	1,3-Dichlorobenzene	1	Ū
	1,4-Dichlorobenzene	6	
	n-Butylbenzene	6	บ็
	1,2-Dichlorobenzene	6	υ
	1,2-Dibromo-3-chloropropane	6	υ
	1,2,4-Trichlorobenzene	6	Ū
	Hexachlorobutadiene	6	บ
91-20-3		6	υ
	1,2,3-Trichlorobenzene	6	υ
J, J. J	1,2,3 111011010001120110		٦

GP10-SS1	
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Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-09A

Sample wt/vol:

5.0 (g/mL) G

Lab File ID:

V1J3856

Level:

(low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (mL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
			=========	=====
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23 .				
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25				
26				
41.				
28. I	<u> </u>			
29.				
30.				
		<u> </u>		

EPA SAMPLE NO.

GP100-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-07A

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V1J3826

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 01/31/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

COMPOUND CAS NO. (ug/L or ug/Kg) UG/KG Q

	Dichlorodifluoromethane	6	U
	Chloromethane	6	[U
75-01-4	Vinyl Chloride	6	Ū
	Bromomethane	6	U
75-00-3	Chloroethane	6	שׁ
75-69-4	Trichlorofluoromethane	6	ט
75-35-4	1,1-Dichloroethene	6	שׁ
67-64-1	Acetone	6	שׁ
74-88-4	Iodomethane	6	ש
75-15-0	Carbon Disulfide	6	ש
75-09-2	Methylene Chloride	6	שׁ
156-60-5	trans-1,2-Dichloroethene	6	U
	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
108-05-4	Vinyl acetate	6	[ט
78-93-3	2-Butanone	6	U
156-59-2	cis-1,2-Dichloroethene	6	שׁ
	2,2-Dichloropropane	6	U
	Bromochloromethane	6	U
	Chloroform	6	U
	1,1,1-Trichloroethane	6	U
	1,1-Dichloropropene	6	שׁ
56-23-5	Carbon Tetrachloride	6	שׁ
107-06-2	1,2-Dichloroethane	6	ש
71-43-2		6	υ
	Trichloroethene	6	ש
	1,2-Dichloropropane	6	U
	Dibromomethane	6	U
	Bromodichloromethane	6	U
	cis-1,3-Dichloropropene	6	שׁ
	4-Methyl-2-pentanone	6	שׁ
108-88-3		2	J
	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	ַ ע

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP100-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-07A

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1J3826

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

142 20 0			
	1,3-Dichloropropane	6	U
	Tetrachloroethene	- 1	ט
	2-Hexanone		υ
	Dibromochloromethane		Ü
	1,2-Dibromoethane	. 6	υ
	Chlorobenzene	6	Ü
	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	Ü
	m,p-Xylene	6	Ü
95-47-6		6	ש
1330-20-7	Xylene (Total)	6	ซื
100-42-5	Styrene	6	บ
75-25-2	Bromoform	6	บ
	Isopropylbenzene	6	Ü
79-34-5	1,1,2,2-Tetrachloroethane	6	ŭ
	Bromobenzene	6	Ü
	1,2,3-Trichloropropane		Ü
	n-Propylbenzene	6	Ü
95-49-8	2-Chlorotoluene		Ü
108-67-8	1,3,5-Trimethylbenzene		บ็
106-43-4	4-Chlorotoluene		บ็
	tert-Butylbenzene	' i	บี
	1,2,4-Trimethylbenzene		Ü
	sec-Butylbenzene		บ
	4-Isopropyltoluene		Ū
	1,3-Dichlorobenzene	6	Ū
106-46-7	1,4-Dichlorobenzene	,	Ü
	n-Butylbenzene		Ü
95-50-1	1,2-Dichlorobenzene		Ü
96-12-8	1, 2-Dibromo-3-chloropropane		บ
	1,2,4-Trichlorobenzene		Ū
	Hexachlorobutadiene		Ū
	Naphthalene	6	Ū
	1,2,3-Trichlorobenzene	6	IJ
C, O± 0			

Lab Name: MITKEM LABORATORIES

Contract:

GP100-SS1

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-07A

Sample wt/vol: 5.0 (g/mL) G

Lab File ID:

V1J3826

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec. 21

LOW

Date Analyzed: 01/31/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Number TICs found: 0

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT		_
1.			=======================================	=====
2.		_		
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5.				
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9.				
10.		-		
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EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES

Contract:

GP100-SS1RE

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-07ARE

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V1J3854

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

0

	6 U
75-71-8Dichlorodifluoromethane	6 U
74-87-3Chloromethane	6 U
75-01-4Vinyl Chloride	6 U
74-83-9Bromomethane	6 U
75-00-3Chloroethane	6 U
75-69-4Trichlorofluoromethane	6 U
75-35-41,1-Dichloroethene	6 U
67-64-1Acetone	6 U
74-88-4Iodomethane	6 U
75-15-0Carbon Disulfide	6 U
75-09-2Methylene Chloride	4 JB
156-60-5trans-1,2-Dichloroethene	6 U
1634-04-4Methyl tert-butyl ether	6 U
75-34-31,1-Dichloroethane	6 U
108-05-4Vinyl acetate	6 U
78-93-32-Butanone	6 U
156-59-2cis-1,2-Dichloroethene	6 U
590-20-72,2-Dichloropropane	6 U
74-97-5Bromochloromethane	6 U
67-66-3Chloroform	6 U
71-55-61,1,1-Trichloroethane	6 U
563-58-61,1-Dichloropropene	6 U
56-23-5Carbon Tetrachloride	6 U
107-06-21,2-Dichloroethane	6 U
71-43-2Benzene	6 U
79-01-6Trichloroethene	6 U
78-87-51,2-Dichloropropane	6 U
74-95-3Dibromomethane	6 U
75-27-4Bromodichloromethane	6 U
10061-01-5cis-1,3-Dichloropropene	6 U
108-10-14-Methyl-2-pentanone	6 U
108-88-3Toluene	5 J
10061-02-6trans-1,3-Dichloropropene	6 U
79-00-51,1,2-Trichloroethane	6 U

GP100~SS1RE

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-07ARE

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V1J3854

Level:

(low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

142-28-91,3-Dichloropropane 127-18-4Tetrachloroethene 591-78-62-Hexanone 124-48-1Dibromochloromethane 106-93-41,2-Dibromoethane 108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene	666666666666666666666666666666666666666	ממממממממממממממממממ
108-86-1Bromobenzene 96-18-41,2,3-Trichloropropane 103-65-1Propylbenzene 95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene 95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene	666666666	ממממממממממ
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GP100-SS1RE

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-07ARE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3854

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(mL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kq) ug/Kq

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=======================================			======================================	
1. 541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	1	6	
2. 264-09-5	BENZOCYCLOHEPTATRIENE	16.08		J
3. 582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	17.18		NJ
4. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	17.34		NJ
		17.31	0	110
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GP11-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-26A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6230

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or	ug/kg)	UG/ L	Q
75-71-8	Dichlorodifluoro	omethane			5 U
	Chloromethane				5 U
	Vinyl Chloride				5 U 5 U
	Bromomethane				5 U
	Chloroethane				5 U
	Trichlorofluoro	methane			5 U 5 U 5 U
	1,1-Dichloroethe				5 U
67-64-1				7	4
	Iodomethane				5 U
	Carbon Disulfide				5 U
	Methylene Chlor:				5 U
	trans-1,2-Dichlo				5 U
	Methyl tert-buty				5 U
75-34-3	1,1-Dichloroeth	ane			5 U
	Vinyl acetate				5 U
78-93-3	2-Butanone				5 U
	cis-1,2-Dichloro	pethene			5 U
590-20-7	2,2-Dichloropro	oane			5 U
74-97-5	Bromochlorometh	ane			ร บ
	Chloroform				2 J
71-55-6	1,1,1-Trichloroe	ethane			5 U
	1,1-Dichloropro				5 U
	Carbon Tetrachlo				5 U
107-06-2	1,2-Dichloroetha	ane			5 U
71-43-2	Benzene				5 U
79-01-6	Trichloroethene				5 ט
78-87-5	1,2-Dichloropro	oane			5 U
	Dibromomethane				5 บ
75-27-4	Bromodichloromet	thane			555555555255555555555555555555555555555
	cis-1,3-Dichloro				5 U
	4-Methyl-2-penta				5 U
108-88-3					5 U
	trans-1,3-Dichlo	propropene			5 U
	1,1,2-Trichloro				5 U
					.

GP11-GW1

Lab Name: MITKEM LABORATORIES Contract:

Case No.: SAS No.: SDG No.: MG0125 Lab Code: MITKEM

Lab Sample ID: G0125-26A Matrix: (soil/water) WATER

5.000 (g/mL) ML Lab File ID: Sample wt/vol: V6F6230

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/06/08

Dilution Factor: 1.0 GC Column: DB-624 ID: 0.25 (mm)

Soil Aliquot Volume: ____(uL) Soil Extract Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

142-28-9	1,3-Dichloropropane	5 U
	Tetrachloroethene	2 JB
	2-Hexanone	5 0
	Dibromochloromethane	5 0
	1,2-Dibromoethane	5 U
	Chlorobenzene	5 0
	1,1,1,2-Tetrachloroethane	5 U
	Ethylbenzene	5 0
	m,p-Xylene	ן 5 ש 5
95-47-6		5 U
	Xylene (Total)	5 U 5 U
100-42-5		5 U
	Bromoform	5 0
	Isopropylbenzene	5 0
	1,1,2,2-Tetrachloroethane	5 U
	Bromobenzene	5 U
	1,2,3-Trichloropropane	5 U
103-65-1	n-Propylbenzene	5 U
	2-Chlorotoluene	
	1,3,5-Trimethylbenzene	l รไซ
	4-Chlorotoluene	l 5 υ
	tert-Butylbenzene	ا 5 ا ن
	1,2,4-Trimethylbenzene	5 0
	sec-Butylbenzene	5 U
	4-Isopropyltoluene	5 U
	1,3-Dichlorobenzene	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	1,4-Dichlorobenzene	5 U
	n-Butylbenzene	5 U
	1,2-Dichlorobenzene	5 U
96-12-8	1,2-Dibromo-3-chloropropane	5 U
	1,2,4-Trichlorobenzene	
	Hexachlorobutadiene	5 U 5 U 5 U
	Naphthalene	5 U
	1,2,3-Trichlorobenzene	5 U
	-	

GP11-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-26A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6230

Level:

(low/med) LOW

Date Received: 01/31/08

% Moisture: not dec.

Number TICs found: 0

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	COMPOUND NAME	RT	ļ.	Q
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EPA SAMPLE NO.

GP11-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-06A

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V1J3825

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 18

Date Analyzed: 01/31/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

75-71-8	Dichlorodifluoromethane	6 U
	Chloromethane	6 0
	Vinyl Chloride	6 Ū
74-83-9	Bromomethane	6 U
	Chloroethane	6 U
75-69-4	Trichlorofluoromethane	6 U
75-35-4	1,1-Dichloroethene	6 U
67-64-1	Acetone	6 U
74-88-4	Iodomethane	6 U
75-15-0	Carbon Disulfide	6 U
75-09-2	Methylene Chloride	6 U
156-60-5	trans-1,2-Dichloroethene	6 U
1634-04-4	Methyl tert-butyl ether	6 U
75-34-3	1,1-Dichloroethane	6 U
108-05-4	Vinyl acetate	6 U
	2-Butanone	6 U
	cis-1,2-Dichloroethene	6 U
	2,2-Dichloropropane	6 U
	Bromochloromethane	6 U
	Chloroform	6 U
	1,1,1-Trichloroethane	6 U
563-58-6	1,1-Dichloropropene	6 U
	Carbon Tetrachloride	6 U
	1,2-Dichloroethane	6 U
71-43-2		6 U .
	Trichloroethene	6 U
	1,2-Dichloropropane	6 U
	Dibromomethane	6 U
	Bromodichloromethane	6 U
	cis-1,3-Dichloropropene	6 U
	4-Methyl-2-pentanone	6 U
108-88-3		2 J
	trans-1,3-Dichloropropene	6 U
79-00-5	1,1,2-Trichloroethane	6 U

GP11-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-06A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3825

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(mL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

COMPOUND (ug/L or ug/Kg) UG/KG CAS NO. Q 142-28-9-----1,3-Dichloropropane 6 I U 127-18-4----Tetrachloroethene 6 | U 591-78-6----2-Hexanone 6 U 124-48-1-----Dibromochloromethane 6 U 106-93-4----1,2-Dibromoethane__ 6 U 108-90-7-----Chlorobenzene 6 | U 630-20-6----1,1,1,2-Tetrachloroethane 6 | U 100-41-4-----Ethylbenzene 6 | U ----m,p-Xylene 6 U 95-47-6----o-Xylene_ 6 U 1330-20-7-----Xylene (Total) 6 U 100-42-5-----Styrene 6 U 75-25-2-----Bromoform 6 U 98-82-8-----Isopropylbenzene 6 U 79-34-5----1,1,2,2-Tetrachloroethane 6 U 108-86-1----Bromobenzene 6 U 96-18-4-----1,2,3-Trichloropropane 6 U 103-65-1----n-Propylbenzene 6 U 95-49-8----2-Chlorotoluene 6 U 108-67-8-----1,3,5-Trimethylbenzene 6 U 106-43-4----4-Chlorotoluene 6 U 98-06-6-----tert-Butylbenzene 6 U 95-63-6-----1,2,4-Trimethylbenzene 6 U 135-98-8----sec-Butylbenzene 6 U 99-87-6----4-Isopropyltoluene 6 U 541-73-1----1,3-Dichlorobenzene 6 U 106-46-7----1,4-Dichlorobenzene 6 U 104-51-8----n-Butylbenzene 6 U 95-50-1-----1,2-Dichlorobenzene 6 U 96-12-8-----1,2-Dibromo-3-chloropropane 6 U 120-82-1-----1,2,4-Trichlorobenzene 6 U 87-68-3-----Hexachlorobutadiene 6 U 91-20-3-----Naphthalene 6 U 87-61-6-----1,2,3-Trichlorobenzene U 6

Lab Name: MITKEM LABORATORIES Contract:

GP11-SS1

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-06A

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1J3825

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 18

Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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GP110-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-03A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J3852

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(mL) Soil Aliquot Volume: ___(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q 75-71-8-----Dichlorodifluoromethane 6 U 74-87-3-----Chloromethane 6 U 75-01-4-----Vinyl Chloride 6 U 74-83-9-----Bromomethane 6 U 75-00-3-----Chloroethane 6 U 75-69-4-----Trichlorofluoromethane 6 U 75-35-4-----1,1-Dichloroethene 6 U 6 U 67-64-1-----Acetone 74-88-4-----Iodomethane 6 U 75-15-0-----Carbon Disulfide 6 U 75-09-2-----Methylene Chloride 3 JB 156-60-5-----trans-1,2-Dichloroethene 6 U 1634-04-4----Methyl tert-butyl ether 6 U 75-34-3----1,1-Dichloroethane 6 U 108-05-4------Vinyl acetate 6 U 78-93-3----2-Butanone 6 U 156-59-2----cis-1,2-Dichloroethene U 6 590-20-7-----2,2-Dichloropropane 6 IJ 74-97-5-----Bromochloromethane 6 U 67-66-3-----Chloroform U 6 71-55-6-----1,1,1-Trichloroethane 6 U 563-58-6----1,1-Dichloropropene 6 IJ 56-23-5-----Carbon Tetrachloride 6 U 107-06-2----1,2-Dichloroethane שו 6 71-43-2----Benzene U 6 79-01-6----Trichloroethene 6 U 78-87-5-----1,2-Dichloropropane 6 U 74-95-3-----Dibromomethane 6 U 75-27-4----Bromodichloromethane 6 U 10061-01-5----cis-1,3-Dichloropropene 6 U 108-10-1----4-Methyl-2-pentanone U 6 108-88-3-----Toluene 3 J 10061-02-6----trans-1,3-Dichloropropene 6 IJ 79-00-5-----1,1,2-Trichloroethane 6 U

GP110-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-03A

Sample wt/vol:

5.2 (g/mL) G

Lab File ID: V1J3852

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec. 18

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

LOW

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

		~
142-28-91,3-Dichloropropane 127-18-4Tetrachloroethene 591-78-62-Hexanone 124-48-1Dibromochloromethane 106-93-41,2-Dibromoethane 108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene	663666666666666666666666666666666666666	ממממממממממממממממממממממ
135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 541-73-11,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene	6 6 6 6	ם ט ט ט

GP110-SS1 Contract:

Lab Name: MITKEM LABORATORIES

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-03A

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: V1J3852

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 18

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 11

CAS NUMBER COMPOUND NAME	RT	EST. CONC.	. ~
1. 541-05-9 CYCLOTRISILOXANE, HEXAMETHYL 2. 2809-64-5 NAPHTHALENE, 1,2,3,4-TETRAHY	8.32 15.53 16.08 16.27 16.81	======================================	

GP12-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-25A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6229

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. _____

Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

CAD IVO.	(dg/1 of dg	, 5	
75-71-8	Dichlorodifluoromethane	5	ט
	Chloromethane	5	lυ
	Vinyl Chloride	5	
	Bromomethane	5	
	Chloroethane	5	שׁו
	Trichlorofluoromethane	5	ש
	1,1-Dichloroethene	5	ש
67-64-1		5	ן דו
	Iodomethane	5	שו
	Carbon Disulfide	5	U
	Methylene Chloride	5	U
	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	5	ט
75-34-3	1,1-Dichloroethane	5	
	Vinyl acetate	5	ט
	2-Butanone	5	ש
156-59-2	cis-1,2-Dichloroethene	5	υ
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	· 5	U
	Chloroform	5	U
	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	ט
	1,2-Dichloropropane	5	ע
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
	cis-1,3-Dichloropropene	· 5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	
	trans-1,3-Dichloropropene	5	
	1,1,2-Trichloroethane	5	U
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GP12-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-25A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6229

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

142-28-9	1,3-Dichloropropane		5 U
	Tetrachloroethene		2 JB
	2-Hexanone		5 U
	Dibromochloromethane		5 U
	1,2-Dibromoethane		5 บี
	Chlorobenzene		5 U
	1,1,1,2-Tetrachloroethane		-5 U
	Ethylbenzene		5 U
	m,p-Xylene		5 U
95-47-6			5 U
1330-20-7	Xylene (Total)		5 U
100-42-5			5 U
	Bromoform		5 U
	Isopropylbenzene		5 Ŭ
79-34-5	1,1,2,2-Tetrachloroethane		5 Ŭ
	Bromobenzene		5 Ŭ
	1,2,3-Trichloropropane		5 Ŭ
	n-Propylbenzene		5 U
	2-Chlorotoluene		5 Ū
	1,3,5-Trimethylbenzene		5 U
	4-Chlorotoluene		5 U
	tert-Butylbenzene		5 บ
	1,2,4-Trimethylbenzene		5 บี
	sec-Butylbenzene		5 U
	4-Isopropyltoluene	İ	5 U
	1,3-Dichlorobenzene		5 U
	1,4-Dichlorobenzene		5 U
	n-Butylbenzene		5 U
	1,2-Dichlorobenzene		5 U
	1,2-Dibromo-3-chloropropane		5 U
	1,2,4-Trichlorobenzene		5 U
	Hexachlorobutadiene		5 U
	Naphthalene		5 U
	1,2,3-Trichlorobenzene		5 U
	1,2,5 111011010001110110		3 3
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		-	PENTATIVELY	IDENTIFIED	COMPOUNDS		
						GP12-GW1	
Lab	Name:	MITKEM	LABORATORIE	IS • C	Contract:		

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-25A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6229

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL) Soil Extract Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/L CAS NUMBER COMPOUND NAME RTEST. CONC.

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EPA SAMPLE NO.

GP12-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-08A

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V1J3827

Level:

(low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

		,, 3, ,	~
75-71-8	Dichlorodifluoromethane	6	U
	Chloromethane	- 6	υ
	Vinyl Chloride	- 6	Ū
	Bromomethane	- 6	ΙŢ,
	Chloroethane	- 6	Ū
	Trichlorofluoromethane	- 6	U
	1,1-Dichloroethene	- 6	Ū
67-64-1		- 6	Ū
	Iodomethane	6	Ū
	Carbon Disulfide	- 6	ט
75-09-2	Methylene Chloride	- 6	שו
	trans-1,2-Dichloroethene	6	ן דו
	Methyl tert-butyl ether	- 6	ט
	1,1-Dichloroethane	- 6	שׁ
	Vinyl acetate	- 6	שו
	2-Butanone	- 6	שו
	cis-1,2-Dichloroethene	6	ען ו
	2,2-Dichloropropane	-l 6	บ
	Bromochloromethane	6	[ט
67-66-3	Chloroform	6	ע
71-55-6	1,1,1-Trichloroethane	6	Ū
	1,1-Dichloropropene	- 6	ַ
56-23-5	Carbon Tetrachloride	- 6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	שׁ
79-01-6	Trichloroethene	- 6	U
78-87-5	1,2-Dichloropropane	6	U
74-95-3	Dibromomethane	- 6	U ·
75-27-4	Bromodichloromethane	- 6	Ū
10061-01-5	cis-1,3-Dichloropropene	6	U
	4-Methyl-2-pentanone	6	U
108-88-3		3	J
	trans-1,3-Dichloropropene	6	υ
79-00-5	1,1,2-Trichloroethane	6	U
			-

GP12-SS1

Q

6 U

Lab Name: MITKEM LABORATORIES Contract:

CAS NO.

SAS No.: Case No.: SDG No.: MG0125 Lab Code: MITKEM

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08A

Lab File ID: Sample wt/vol: 5.0 (g/mL) GV1J3827

(low/med) Date Received: 01/31/08 Level: LOW

% Moisture: not dec. 21 Date Analyzed: 02/01/08

ID: 0.25 (mm) Dilution Factor: 1.0 GC Column: DB-624

COMPOUND

----m,p-Xylene

Soil Aliquot Volume: ____(uL) Soil Extract Volume: (mL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

142-28-9-----1,3-Dichloropropane 6 | U 127-18-4----Tetrachloroethene 1 J 591-78-6----2-Hexanone 6 U 124-48-1-----Dibromochloromethane 6 U 106-93-4-----1,2-Dibromoethane 6 U 108-90-7-----Chlorobenzene 6 U 630-20-6-----1,1,1,2-Tetrachloroethane 6 U 6 U 100-41-4-----Ethylbenzene

6 U 95-47-6----o-Xylene 6 U 1330-20-7-----Xylene (Total) 6 U 100-42-5-----Styrene 6 U 75-25-2-----Bromoform 6 U 98-82-8-----Isopropylbenzene_

79-34-5----1,1,2,2-Tetrachloroethane 6 U 108-86-1-----Bromobenzene 6 | U 96-18-4-----1,2,3-Trichloropropane 6 lΰ

103-65-1----n-Propylbenzene 6 ΙU 95-49-8-----2-Chlorotoluene 6 U

108-67-8-----1,3,5-Trimethylbenzene 6 | U 106-43-4----4-Chlorotoluene 6 | U 98-06-6-----tert-Butylbenzene 6 U 95-63-6----1,2,4-Trimethylbenzene 6 | U

135-98-8----sec-Butylbenzene 6 | U 99-87-6----4-Isopropyltoluene 6 lυ 6 U 541-73-1----1,3-Dichlorobenzene

106-46-7----1,4-Dichlorobenzene 6 U 104-51-8----n-Butylbenzene 6 U

95-50-1-----1,2-Dichlorobenzene 6 U 96-12-8-----1,2-Dibromo-3-chloropropane 6 U

120-82-1----1,2,4-Trichlorobenzene 6 U 87-68-3-----Hexachlorobutadiene 6 U 6 U 91-20-3-----Naphthalene

87-61-6-----1,2,3-Trichlorobenzene 6 | U

FORM I VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

GP12-SS1 Contract:

Lab Name: MITKEM LABORATORIES

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-08A

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1J3827

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

GP12-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Case No.: SAS No.: Lab Code: MITKEM SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-08ARE

Sample wt/vol: 5.1 (g/mL) GLab File ID: V1J3855

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (mL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG CAS NO. COMPOUND 0

CAD NO.	CONTOONS (ag/ II of ag	J,J,,	~
75-71-8	Dichlorodifluoromethane		6 U
	Chloromethane		6 U
	Vinyl Chloride	- '	6 U
	Bromomethane	-	6 U
	Chloroethane	_	6 U
	Trichlorofluoromethane		6 U
	1,1-Dichloroethene	_	6 U
67-64-1		-	6 U
	Iodomethane	_	6 U
	Carbon Disulfide	-	6 U
	Methylene Chloride	_	5 JB
	trans-1,2-Dichloroethene		6 U
	Methyl tert-butyl ether	-	6 U
	1,1-Dichloroethane	-	6 ט
108-05-4	Vinyl acetate	_	6 U
78-93-3	2-Butanone	_	6 U
156-59-2	cis-1,2-Dichloroethene	-	6 U
	2,2-Dichloropropane	_	6 U
	Bromochloromethane		6 U
	Chloroform		6 U
	1,1,1-Trichloroethane		6 U
	1,1-Dichloropropene		6 U
	Carbon Tetrachloride		6 U
	1,2-Dichloroethane		6 U
71-43-2			6 U
	Trichloroethene	_	6 U
	1,2-Dichloropropane	_1	6 U
	Dibromomethane	_	6 ט
	Bromodichloromethane	_	6 ט
	cis-1,3-Dichloropropene		6 U
	4-Methyl-2-pentanone	_	6 U
108-88-3	Toluene	_ ·	5 J
10061-02-6	trans-1,3-Dichloropropene	_	6 U
79-00-5	1,1,2-Trichloroethane	_ ·	6 U
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GP12-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab Sample ID: G0125-08ARE Matrix: (soil/water) SOIL

Sample wt/vol: 5.1 (g/mL) GLab File ID: V1J3855

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 21 Date Analyzed: 02/01/08

GC Column: DB-624 Dilution Factor: 1.0 ID: 0.25 (mm)

Soil Aliquot Volume: ____(uL) Soil Extract Volume: (mL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

		. 3,	~
142-28-9	1,3-Dichloropropane	6	U
	Tetrachloroethene	1	J
	2-Hexanone	6	Ü
	Dibromochloromethane	6	ן ט
	1,2-Dibromoethane	6	ן מ
	Chlorobenzene	6	ן ט
	1,1,1,2-Tetrachloroethane	6	<u>"</u>
	Ethylbenzene	6	ן ט
	m,p-Xylene	6	lΰ
95-47-6		6	ן ע
1330-20-7	Xylene (Total)	6	ן ט
100-42-5	Styrene	6	Ū
75-25-2	Bromoform	6	ן ע
	Isopropylbenzene	6	Ū
79-34-5	1,1,2,2-Tetrachloroethane	6	υ .
	Bromobenzene	6	שׁ
96-18-4	1,2,3-Trichloropropane	6	ן ש
	n-Propylbenzene	6	ן ט
	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	ן ט
95-63-6	1,2,4-Trimethylbenzene	6	ן ט
135-98-8	sec-Butylbenzene	6	ט
	4-Isopropyltoluene	6	ן ש
541-73-1	1,3-Dichlorobenzene	6	ן ט
	1,4-Dichlorobenzene	6	ט
	n-Butylbenzene	6	ט
	1,2-Dichlorobenzene	6	ן ט
96-12-8	1,2-Dibromo-3-chloropropane	6	
	1,2,4-Trichlorobenzene	6	
	Hexachlorobutadiene	6	U
	Naphthalene	6	ט
87-61-6	1,2,3-Trichlorobenzene	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP12-SS1RE

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-08ARE

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: V1J3855

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 02/01/08

Number TICs found: 0

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (mL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME		EST. CONC.	
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EPA SAMPLE NO.

GP2-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-20A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6211

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	5	U
	Chloromethane	5	1 -
	Vinyl Chloride	220	
	Bromomethane	5	Ū
	Chloroethane	5	Ū
	Trichlorofluoromethane	5	Ū
	1,1-Dichloroethene	44	
67-64-1		5	Ū
	Iodomethane	5	Ū
	Carbon Disulfide	5	Ū
	Methylene Chloride	2	J ·
	trans-1,2-Dichloroethene	23	
	Methyl tert-butyl ether	5	Ū
75-34-3	1,1-Dichloroethane	20	
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	2200	E
590-20-7	2,2-Dichloropropane	5	[ט
74-97-5	Bromochloromethane	5	ับ
67-66-3	Chloroform	.5	U
71-55-6	1,1,1-Trichloroethane	61	
563-58-6	1,1-Dichloropropene	5	U U
56-23-5	Carbon Tetrachloride	5	שׁ
107-06-2	1,2-Dichloroethane	5	ט
71-43-2		5	שׁ
79-01-6	Trichloroethene	980	E
78-87-5	1,2-Dichloropropane	5	ט
74-95-3	Dibromomethane	5	ע
	Bromodichloromethane	5	ע
10061-01-5	cis-1,3-Dichloropropene	5	ับ
	4-Methyl-2-pentanone	5 5 5 5 3	U
108-88-3		3	J
	trans-1,3-Dichloropropene	5	ע
79-00-5	1,1,2-Trichloroethane	. 5	ע '

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-20A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6211

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6	1,3-DichloropropaneTetrachloroethene2-HexanoneDibromochloromethane1,2-DibromoethaneChlorobenzene1,1,1,2-Tetrachloroethane	5 U 6500 EB 5 U 5 U 5 U 5 U 5 U 5 U
100-41-4 95-47-6 1330-20-7 100-42-5 75-25-2 98-82-8 79-34-5	Ethylbenzenem,p-XyleneXyleneXylene (Total)Styrene	5 U 5 U 5 U 5 U 5 U 5 U 5 U 5 U 5 U
96-18-4 103-65-1 95-49-8 108-67-8 106-43-4 98-06-6 95-63-6	1,2,3-Trichloropropane1,2,3-Trichloropropanen-Propylbenzene2-Chlorotoluene1,3,5-Trimethylbenzene4-Chlorotoluenetert-Butylbenzene1,2,4-Trimethylbenzenesec-Butylbenzene	5 U U U U U U U U U U U U U U U U U U U
99-87-6 541-73-1 106-46-7 104-51-8 95-50-1 96-12-8 120-82-1 87-68-3	4-Isopropyltoluene1,3-Dichlorobenzene1,4-Dichlorobenzenen-Butylbenzene1,2-Dichlorobenzene1,2-Dibromo-3-chloropropane1,2,4-TrichlorobenzeneHexachlorobutadiene	5 U U 5 U U U U U U U U U U U U U U U U
	1,2,3-Trichlorobenzene	5 U 5 U

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP2-	GW1
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Lab Code: MITKEM Ca	ase No.:	SAS No.:		SDG	No.: MG0125
Matrix: (soil/water) W	VATER	Lab	Sample	ID:	G0125-20A

Contract:

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6211

Level: (low/med) LOW Date Received: 01/31/08 % Moisture: not dec. Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

Lab Name: MITKEM LABORATORIES

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

GP2-GW1DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-20ADL

Sample wt/vol:

LOW

Lab File ID: V6F6231

Level:

5.000 (g/mL) ML

(low/med)

Date Received: 01/31/08

% Moisture: not dec.

CAS NO.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1000.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

0

75-71-8Dichlorodifluoromethane	5000	U
74-87-3Chloromethane	5000	_
75-01-4Vinyl Chloride	5000	ı
74-83-9Bromomethane	5000	1 -
75-00-3Chloroethane	5000	_
75-69-4Trichlorofluoromethane	5000	l -
75-35-41,1-Dichloroethene	5000	-
67-64-1Acetone	5000	-
74-88-4Iodomethane	5000	
75-15-0Carbon Disulfide	5000	_
75-09-2Methylene Chloride	5000	• -
156-60-5trans-1,2-Dichloroethene	5000	_
1634-04-4Methyl tert-butyl ether	5000	_
75-34-31,1-Dichloroethane	5000	
108-05-4Vinyl acetate	5000	_
78-93-32-Butanone	5000	
156-59-2cis-1,2-Dichloroethene	3100	_
590-20-72,2-Dichloropropane	5000	
74-97-5Bromochloromethane	5000	_
67-66-3Chloroform	5000	
71-55-61,1,1-Trichloroethane	5000	-
563-58-61,1-Dichloropropene	5000	_
56-23-5Carbon Tetrachloride	5000	-
107-06-21,2-Dichloroethane	5000	l
71-43-2Benzene	5000	
79-01-6Trichloroethene	1200	-
78-87-51,2-Dichloropropane	5000	
74-95-3Dibromomethane	5000	ſ
75-27-4Bromodichloromethane	5000	
10061-01-5cis-1,3-Dichloropropene	5000	_
108-10-14-Methyl-2-pentanone	5000	_
108-88-3Toluene	5000	
10061-02-6trans-1,3-Dichloropropene	5000	_
79-00-51,1,2-Trichloroethane	5000	_
		_

EPA SAMPLE NO.

GP2-GW1DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-20ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6231

Level:

(low/med) LOW

Date Received: 01/31/08

% Moisture: not dec.

CAS NO.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1000.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

142-28-9	1,3-Dichloropropane	5000	IJ
127-18-4	Tetrachloroethene	74000	
	2-Hexanone	5000	1
	Dibromochloromethane	5000	
	1,2-Dibromoethane	5000	1
	Chlorobenzene	5000	
	1,1,1,2-Tetrachloroethane	5000	
	Ethylbenzene	5000	1
	m,p-Xylene	5000	1
95-47-6		5000	1
	Xylene (Total)	5000	
100-42-5	Styrene	5000	υ
75-25-2		5000	
98-82-8	Isopropylbenzene	5000	ע
79-34-5	1,1,2,2-Tetrachloroethane	5000	ש
108-86-1	Bromobenzene	5000	U
	1,2,3-Trichloropropane	5000	U
	n-Propylbenzene	5000	U
	2-Chlorotoluene	5000	U
108-67-8	1,3,5-Trimethylbenzene	5000	U
106-43-4	4-Chlorotoluene	5000	U
98-06-6	tert-Butylbenzene	5000	U
95-63-6 -	1,2,4-Trimethylbenzene	5000	U
135-98-8	sec-Butylbenzene	5000	
99-87-6	4-Isopropyltoluene	5000	Ū
	1,3-Dichlorobenzene	5000	Ū
	1,4-Dichlorobenzene	5000	U
104-51-8	n-Butylbenzene	5000	
95-50-1	1,2-Dichlorobenzene	5000	U
	1,2-Dibromo-3-chloropropane	5000	
	1,2,4-Trichlorobenzene	5000	l
	Hexachlorobutadiene	5000	
91-20-3	Naphthalene	5000	ı
87-61-6	1,2,3-Trichlorobenzene	5000	U

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

T THE COLLEGE	
	GP2-GW1DL
Contract:	

Lab Name: MITKEM LABORATORIES

SAS No.: SDG No.: MG0125 Lab Code: MITKEM Case No.:

Matrix: (soil/water) WATER

Lab Sample ID: G0125-20ADL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6231

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1000.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

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CAS NUMBER	COMPOUND NAME	RT		Q
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EPA SAMPLE NO.

GP2-GW10

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-21A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6212

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	5	IJ
74-87-3	Chloromethane		ט l
	Vinyl Chloride	100	
	Bromomethane	_ 5	U
	Chloroethane	-	υ
	Trichlorofluoromethane	5 5	TJ
75-35-4	1,1-Dichloroethene	23	
67-64-1		- 25	u
	Iodomethane	5 - - 5 5	ŭ
	Carbon Disulfide	- -	ט
	Methylene Chloride	- 1	J
	trans-1,2-Dichloroethene	- 16	ال
	Methyl tert-butyl ether	- 5	
75-34-3	1,1-Dichloroethane	16	١٥
108-05-4	Vinyl acetate	- 5	u –
78-93-3	2-Butanone	-	lΩ
	cis-1,2-Dichloroethene	1900	E
590-20-7	2,2-Dichloropropane		บ็
74-97-5	Bromochloromethane	- 5 5	ΙŪ
	Chloroform	5	Ü
	1,1,1-Trichloroethane	- 38	١٥
	1,1-Dichloropropene		Ū
56-23-5	Carbon Tetrachloride	5	บ
	1,2-Dichloroethane	- 5	υ
71-43-2		- 5	Ü
	Trichloroethene		_
	1, 2-Dichloropropane	780	E U
	Dibromomethane	5	ט
	Bromodichloromethane	5	_
	cis-1,3-Dichloropropene	- -	Ŭ
100-10-1	4-Methyl-2-pentanone	5 5	U
108-88-3	Toluene	- 5	U
	trans-1,3-Dichloropropene	- 2 5	J
	1,1,2-Trichloroethane	- 5	U
19-00-5	I, I, Z-III CIII OLO ECHAILE	- 5	Ū
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EPA SAMPLE NO.

GP2-GW10

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-21A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6212

Level:

(low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. ____

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

142-28-9	1,3-Dichloropropane	. 5 U
	Tetrachloroethene	5200 EB
	2-Hexanone	5 U
	Dibromochloromethane	5 U
	1,2-Dibromoethane	5 U
	Chlorobenzene	5 U
	1,1,1,2-Tetrachloroethane	5 ט
	Ethylbenzene	5 U
	m,p-Xylene	5 U
	o-Xylene	5 U
1330-20-7	Xylene (Total)	5 U
100-42-5		5 บ
	Bromoform	5 U
	Isopropylbenzene	2 Ј
	1,1,2,2-Tetrachloroethane	5 U
	Bromobenzene	5 ປັ
	1,2,3-Trichloropropane	5 U
	n-Propylbenzene	5 U
	2-Chlorotoluene	5 U
	1,3,5-Trimethylbenzene	5 U 5 U
	4-Chlorotoluene	5 U
	tert-Butylbenzene	5 U
	1,2,4-Trimethylbenzene	5 ປັ
	sec-Butylbenzene	5 U
	4-Isopropyltoluene	5 U
541-73-1	1,3-Dichlorobenzene	5 0
	1,4-Dichlorobenzene	5 U
	n-Butylbenzene	5 U
	1,2-Dichlorobenzene	5 U
	1,2-Dibromo-3-chloropropane	5 U
	1,2,4-Trichlorobenzene	
	Hexachlorobutadiene	5 U 5 U
	Naphthalene	5 U
	1,2,3-Trichlorobenzene	5 U
0.010		

V6F6212

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

				GP2-GW10
Lab Name:	MITKEM LABORATORIES	•	Contract:	, e

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21A

Sample wt/vol: 5.000 (g/mL) ML

(low/med) Date Received: 01/31/08 Level: LOW

% Moisture: not dec. Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

> CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Lab File ID:

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	0
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GP2-GW10DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-21ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6266

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____

Date Analyzed: 02/08/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 500.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

75-71-8Dichlorodifluoromethane 74-87-3Chloromethane 75-01-4Vinyl Chloride 74-83-9Bromomethane 75-00-3Chloroethane	2500 2500 2500 2500 2500 2500	Ū U
74-87-3Chloromethane 75-01-4Vinyl Chloride 74-83-9Bromomethane	2500 2500 2500 2500 2500	Ū U
75-01-4Vinyl Chloride 74-83-9Bromomethane	2500 2500 2500	Ū
74-83-9Bromomethane	2500 2500	1
	2500	TJ ·
13-00-3 CIIIOLOCCIIAIC		1
75-69-4Trichlorofluoromethane	1 2500	1 -
75-35-41,1-Dichloroethene	2500	I -
67-64-1	2500	_
74-88-4Iodomethane	2500	1 .
75-15-0Carbon Disulfide	2500	
75-09-2Methylene Chloride	2500	l.
156-60-5trans-1,2-Dichloroethene	2500	
1634-04-4Methyl tert-butyl ether	2500	
75-34-31,1-Dichloroethane	2500	_
108-05-4Vinyl acetate	2500	_
78-93-32-Butanone	2500	_
156-59-2cis-1,2-Dichloroethene	2600	_
590-20-72,2-Dichloropropane	2500	
74-97-5Bromochloromethane	2500	
67-66-3Chloroform	2500	
71-55-61,1,1-Trichloroethane	2500	-
563-58-61,1-Dichloropropene	2500	1
56-23-5Carbon Tetrachloride	2500	1 -
107-06-21,2-Dichloroethane	2500	-
71-43-2Benzene	2500	
79-01-6Trichloroethene	830	
78-87-51,2-Dichloropropane	2500	
74-95-3Dibromomethane	2500	-
75-27-4Bromodichloromethane	2500	1
10061-01-5cis-1,3-Dichloropropene	2500	
108-10-14-Methyl-2-pentanone	2500	_
108-88-3Toluene	2500	1
10061-02-6trans-1,3-Dichloropropene	2500	1
79-00-51,1,2-Trichloroethane	2500	I -
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GP2-GW10DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-21ADL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6266

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 500.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOSIND (ug/11 OI ug	3/10g/ 0G/II	Q
142-28-9	1,3-Dichloropropane	2500	U
127-18-4	Tetrachloroethene	46000	
	2-Hexanone	2500	
	Dibromochloromethane	2500	
	1,2-Dibromoethane	2500	
	Chlorobenzene	2500	
	1,1,1,2-Tetrachloroethane	2500	
100-41-4	Ethylbenzene	2500	
	m,p-Xylene	2500	
95-47-6		2500	
	Xylene (Total)	2500	
100-42-5	Styrene	2500	I I
	Bromoform	2500	I I
	Isopropylbenzene	2500	
79-34-5	1,1,2,2-Tetrachloroethane	2500	I I
	Bromobenzene	2500	
96-18-4	1,2,3-Trichloropropane	2500	I I
	n-Propylbenzene	2500	
	2-Chlorotoluene	2500	U
	1,3,5-Trimethylbenzene	2500	U
	4-Chlorotoluene	2500	
98-06-6	tert-Butylbenzene	2500	ן ט
95-63-6	1,2,4-Trimethylbenzene	2500	U
135-98-8	sec-Butylbenzene	2500	U
99-87-6	4-Isopropyltoluene	2500	ן ט
541-73-1	1,3-Dichlorobenzene	2500	U
106-46-7	1,4-Dichlorobenzene	2500	ע
104-51-8	n-Butylbenzene	2500	ן ט
95-50-1	1,2-Dichlorobenzene	2500	ן ט
96-12-8	1,2-Dibromo-3-chloropropane	2500	U
120-82-1	1,2,4-Trichlorobenzene	2500	ט
	Hexachlorobutadiene	2500	ט
91-20-3	Naphthalene	2500	ט
	1,2,3-Trichlorobenzene	2500	ט
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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP2-GW10DL

Lab	Name:	MITKEM	LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-21ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V6F6266

Level:

(low/med)

LOW

Date Received: 01/31/08

Date Analyzed: 02/08/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 500.0

Soil Aliquot Volume: (uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0

% Moisture: not dec.

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

GP2-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-13A

Sample wt/vol: 5.4 (g/mL) G

Lab File ID: V1J3832

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 17

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

		· · · · · · · · · · · · · · · · · · ·
75-71-8	Dichlorodifluoromethane	6 U
74-87-3	Chloromethane	- 6 U
	Vinyl Chloride	์ ไ
	Bromomethane	6 ม
	Chloroethane	- 6 U
	Trichlorofluoromethane	์ 6 บ
	1,1-Dichloroethene	- 6 0
67-64-1		3 JB
	Iodomethane	6 U
	Carbon Disulfide	์ ไ
	Methylene Chloride	- 6 Ū
	trans-1,2-Dichloroethene	์ 6 บ
	Methyl tert-butyl ether	-l 6 Ū
	1,1-Dichloroethane	6 U
	Vinyl acetate	6 U
	2-Butanone	- 8
	cis-1,2-Dichloroethene	200
	2,2-Dichloropropane	6 0
	Bromochloromethane	- 6 U
	Chloroform	6 U
	1,1,1-Trichloroethane	6 U
	1,1-Dichloropropene	-l 6 Ū
	Carbon Tetrachloride	6 U
	1,2-Dichloroethane	6 U
71-43-2		6 U
	Trichloroethene	84
	1,2-Dichloropropane	ੀ <u>ਰ</u> ਿਹ
	Dibromomethane	์ ไ
	Bromodichloromethane	-l 6 u
	cis-1,3-Dichloropropene	- 6 U
	4-Methyl-2-pentanone	- 6 0
108-88-3		- 6 U
	trans-1,3-Dichloropropene	์
	1,1,2-Trichloroethane	- 6 0

GP2-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-13A

Sample wt/vol:

5.4 (g/mL) G

Lab File ID: V1J3832

Level:

(low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 17

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

			~
142-28-9	1,3-Dichloropropane	6	U
127-18-4	Tetrachloroethene	790	E
	2-Hexanone	6	Ū
124-48-1	Dibromochloromethane	6	Ū
	1,2-Dibromoethane	6	שׁ
	Chlorobenzene	6	U
	1,1,1,2-Tetrachloroethane	6	U
100-41-4	Ethylbenzene	6	บ
	m,p-Xylene	6	Ū
95-47-6	o-Xylene	. 6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	Ū
98-82-8	Isopropylbenzene	. 6	U
79 - 34-5	1,1,2,2-Tetrachloroethane	6	Ū
108-86-1	Bromobenzene	6	Ū
96-18-4	1,2,3-Trichloropropane	6	U
103-65-1	n-Propylbenzene	6	U
95-49-8	2-Chlorotoluene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
106-43-4	4-Chlorotoluene	6	U
	tert-Butylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	Ŭ
	sec-Butylbenzene	6	U
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
104-51-8	n-Butylbenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane_	6	U.
	1,2,4-Trichlorobenzene	6	U
	Hexachlorobutadiene	6	υ
91-20-3	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U.

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES

Contract:

GP2-SS1

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

LOW

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-13A

Sample wt/vol: 5.4 (g/mL) G

Lab File ID:

V1J3832

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec. 17

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(mL)

Soil Aliquot Volume: ____(uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

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CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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GP2-SS1DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-13ADL

Sample wt/vol:

1.0 (g/mL) G

Lab File ID: V1J3861

Level: (low/med)

LOW

Soil Extract Volume: (mL)

Date Received: 01/31/08

% Moisture: not dec. 17

CAS NO.

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q

C/15 140:	COIN COIND (dg/ H CI dg		· ×
75-71-8	Dichlorodifluoromethane	30	U
	Chloromethane	30	
	Vinyl Chloride	30	1
74-83-9		30	
75-00-3		30	
75-69-4	Trichlorofluoromethane	30	,
75-35-4	1,1-Dichloroethene	30	
67-64-1		30	
74-88-4	Iodomethane	30	U
75-15-0	Carbon Disulfide	30	U
75-09-2	Methylene Chloride	_ 11	DJB
156-60-5	trans-1,2-Dichloroethene	30	U
	Methyl tert-butyl ether	30	ד
	1,1-Dichloroethane	30	U
108-05-4	Vinyl acetate	30	U
78-93-3		30	U
	cis-1,2-Dichloroethene	100	
	2,2-Dichloropropane	30	
	Bromochloromethane	_ 30	
67-66-3		30	
71-55-6	1,1,1-Trichloroethane	30	
563-58-6	1,1-Dichloropropene	30	l
	Carbon Tetrachloride	30	1
	1,2-Dichloroethane	_ 30	
71-43-2		30	
	Trichloroethene	41	
	1,2-Dichloropropane	30	
	Dibromomethane	_ 30	
	Bromodichloromethane	30	
	cis-1,3-Dichloropropene	_ 30	
	4-Methyl-2-pentanone	30	
108-88-3		_ 30	
	trans-1,3-Dichloropropene	30	
79-00-5	1,1,2-Trichloroethane	30	U

EPA SAMPLE NO.

GP2-SS1DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-13ADL

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: V1J3861

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 17

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

·		~
142-28-91,3-Dichloropropane 127-18-4Tetrachloroethene 591-78-62-Hexanone 124-48-1Dibromochloromethane 106-93-41,2-Dibromoethane 108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene	30 480 30 30 30 30 30 30 30 30 30 30 30 30 30	ממממממממממממממממממממממ
95-50-11,2-Dichlorobenzene 96-12-81,2-Dibromo-3-chloropropane	30 30 30 30 30	ם ם ם ם

TENTATIVELY IDENTIFIED COMPOUNDS

Contract:

GP2-SS1DL

EPA SAMPLE NO.

Lab	Name:	MT.T.KEM	LABORATORIES	C

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-13ADL

Date Analyzed: 02/01/08

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: V1J3861

Level: (low/med)

Date Received: 01/31/08

LOW

% Moisture: not dec. 17

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (mL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

GP3-GW1

SDG No.: MG0125

V6F6233

Lab Name: MITKEM LABORATORIES

Sample wt/vol:

Contract:

Lab Code: MITKEM Case No.: SAS No.:

5.000 (g/mL) ML

Matrix: (soil/water) WATER Lab Sample ID: G0125-22A

110011111 (5011) (10011)

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

Lab File ID:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-71-8	Dichlorodifluoromethane		5 บ
	Chloromethane		5 ט
	Vinyl Chloride		1 J
	Bromomethane		5 Ū
	Chloroethane		5 U
	Trichlorofluoromethane		5 U
	1,1-Dichloroethene		5 U
67-64-1			5 ט
74-88-4			5 U
	Carbon Disulfide		5 U
	Methylene Chloride		5 U
	trans-1,2-Dichloroethene		5 U
	Methyl tert-butyl ether	5 p	5 U
75-34-3	1,1-Dichloroethane		5 U
108-05-4	Vinyl acetate		5 บ
78-93-3	2-Butanone		5 บ
	cis-1,2-Dichloroethene		6
	2,2-Dichloropropane		5 U
74-97-5	Bromochloromethane		5 บั
67-66-3			5 U
	1,1,1-Trichloroethane		5 บั
	1,1-Dichloropropene		5 บ
	Carbon Tetrachloride		5 U
	1,2-Dichloroethane		5 U
71-43-2	·		5 U
	Trichloroethene		26
	1,2-Dichloropropane		_5 U
	Dibromomethane		5 U
	Bromodichloromethane		5 U
	cis-1,3-Dichloropropene		5 U
	4-Methyl-2-pentanone		5 Ŭ
108-88-3			5 U
	trans-1,3-Dichloropropene	1	5 U
	1,1,2-Trichloroethane		5 U

FORM I VOA

OLM03.0

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-22A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6233

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

	· 3.	,	~	
142-28-9	1,3-Dichloropropane	5	บ	-
	Tetrachloroethene	190	-	-
591-78-6		1	II .	
	Dibromochloromethane		IJ	
	1,2-Dibromoethane	5	Ü .	
	Chlorobenzene	5	Ū	
	1,1,1,2-Tetrachloroethane	5	Ū	
100-41-4	Ethylbenzene	5	Ū	
	m,p-Xylene	5	Ū	
95-47-6	o-Xvlene	5	Ū	- 1
	Xylene (Total)	5	Ū	
100-42-5	Styrene	5	Ū	
75-25-2		5	Ū	
	Isopropylbenzene	5	Ū	
79-34-5	1,1,2,2-Tetrachloroethane	5	Ū	
108-86-1	Bromobenzene	5	Ū	
	1,2,3-Trichloropropane	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	U	
	n-Propylbenzene	5	U	
95-49-8	2-Chlorotoluene	5 5 5 5	U	
	1,3,5-Trimethylbenzene	5	U	
	4-Chlorotoluene	5	U	
98-06-6	tert-Butylbenzene	5	U	
95-63-6	1,2,4-Trimethylbenzene		U	
135-98-8	sec-Butylbenzene	5	U	
99-87-6	4-Isopropyltoluene	5	U	
541-73-1	1,3-Dichlorobenzene		U	
106-46-7	1,4-Dichlorobenzene		Ū	
	n-Butylbenzene		U	
95-50-1	1,2-Dichlorobenzene	5	U	
96-12-8	1,2-Dibromo-3-chloropropane	. 5	U	
120-82-1	1,2,4-Trichlorobenzene	. 5	U	
	Hexachlorobutadiene		U	
91-20-3	Naphthalene	5	U	
87-61-6	1,2,3-Trichlorobenzene	5	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab	Name:	MITKEM	LABORATORIES
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Contract:

GP3-GW1

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-22A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6233

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Number TICs found: 0

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

GP3-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-14A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3859

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 15 Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(mL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAD 140.	(49/11 01 49	, 11g, 00, 11d	.
75-71-8	Dichlorodifluoromethane	6	U
	Chloromethane	6	U
	Vinyl Chloride	6	שׁ
	Bromomethane	6	ט
	Chloroethane	6	ט
	Trichlorofluoromethane	6	U
	1,1-Dichloroethene	6	Ū
67-64-1		6	U
74-88-4	Iodomethane	6	U .
	Carbon Disulfide	[] 6	Ū
75-09-2	Methylene Chloride	3	JB
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	[] 6	U
75-34-3	1,1-Dichloroethane	[] 6	U
108-05-4	Vinyl acetate	6	U
78-93-3	2-Butanone	6	Ū
156-59-2	cis-1,2-Dichloroethene	6	U
	2,2-Dichloropropane	6	U
74-97-5	Bromochloromethane	6	U
	Chloroform	6	U
	1,1,1-Trichloroethane	6	שׁ
	1,1-Dichloropropene	6	U
	Carbon Tetrachloride	6	U
	1,2-Dichloroethane	[] 6	U
71-43-2		6	U
	Trichloroethene	6	U
	1,2-Dichloropropane	6	U
	Dibromomethane	6	U
	Bromodichloromethane	6	U
	cis-1,3-Dichloropropene	6	U
	4-Methyl-2-pentanone	6	U
108-88-3		3	J
	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	[6	Ū

EPA SAMPLE NO.

GP3-SS01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-14A

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: V1J3859

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 15

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG CAS NO. COMPOUND Q

142 20 0	1,3-Dichloropropane	6 U
	Tetrachloroethene	1 1 1
	2-Hexanone	6 0
	Dibromochloromethane	. 6 U
	1,2-Dibromoethane	. 6 U
	Chlorobenzene	6 0
	1,1,1,2-Tetrachloroethane	6 U
		6 U
100-41-4	Ethylbenzene	6 U
	m,p-Xylene	· I
95-47-6		.1
1330-20-7	Xylene (Total)	6 U
100-42-5	styrene	6 U
	Bromoform	6 U
	Isopropylbenzene	6 U
	1,1,2,2-Tetrachloroethane	6 U
	Bromobenzene	6 U
96-18-4	1,2,3-Trichloropropane	6 U
103-65-1	n-Propylbenzene	6 ប
	2-Chlorotoluene	6 U
	1,3,5-Trimethylbenzene	[6 U
	4-Chlorotoluene	[] 6 ប
98-06-6	tert-Butylbenzene	6 U
95-63-6	1,2,4-Trimethylbenzene	6 U
135-98-8	sec-Butylbenzene	6 U
	4-Isopropyltoluene	6 U
541-73-1	1,3-Dichlorobenzene	6 U
106-46-7	1,4-Dichlorobenzene	6 U
104-51-8	n-Butylbenzene	6 U
95-50-1	1,2-Dichlorobenzene	[] 6 U
96-12-8	1,2-Dibromo-3-chloropropane	6 U
120-82-1	1,2,4-Trichlorobenzene	[] 6 U
87-68-3	Hexachlorobutadiene	6 U
	Naphthalene	6 U
87-61-6	1,2,3-Trichlorobenzene	์ 6 บ
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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

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Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-14A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J3859

Level: (low/med) LOW

Number TICs found: 0

Date Received: 01/31/08

% Moisture: not dec. 15

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (mL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER COMPOUND NAME RTEST. CONC. Q 4. 5.__ 11. _ 12. 13. 16. 17.__ 18. 19.__ 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.

FORM I VOA-TIC

OLM03.0

EPA SAMPLE NO.

GP4-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-29A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6267

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/08/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	5 U
74-87-3	Chloromethane	- 5 U
75-01-4	Vinyl Chloride	- 5 U
	Bromomethane	- 5 U
75-00-3	Chloroethane	- 5 U
75-69-4	Trichlorofluoromethane	- 5 U
	1,1-Dichloroethene	- 5 0
67-64-1	·	8
	Iodomethane	5 0
	Carbon Disulfide	- 5 U
	Methylene Chloride	- 5 0
	trans-1,2-Dichloroethene	- 5 0
	Methyl tert-butyl ether	- 5 0
	1,1-Dichloroethane	- 5 U
108-05-4	Vinyl acetate	- 5 U
	2-Butanone	- 5 U
	cis-1,2-Dichloroethene	- j j
	2,2-Dichloropropane	- 5 U
74-97-5	Bromochloromethane	- 5 Ŭ
	Chloroform	- 5 0
	1,1,1-Trichloroethane	- 5 U
	1,1-Dichloropropene	- 5 U
	Carbon Tetrachloride	- 5 0
	1,2-Dichloroethane	- 5 U
71-43-2		- 5 U
	Trichloroethene	
	1,2-Dichloropropane	- 5 U
	Dibromomethane	- 5 U
	Bromodichloromethane	- 5 U
	cis-1,3-Dichloropropene	- 5 U
	4-Methyl-2-pentanone	5 U
108-88-3		5 U
	trans-1,3-Dichloropropene	5 U
	1,1,2-Trichloroethane	- 5 0
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EPA SAMPLE NO.

GP4-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-29A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6267

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/08/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

142-28-91,3-Dichloropropane	5 6	1
591-78-62-Hexanone 124-48-1Dibromochloromethane 106-93-41,2-Dibromoethane	5 5	ן ט
108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane	5	ם מ
100-41-4Ethylbenzene	5 5 5	U
95-47-6	5 5 5	ם ח
75-25-2Bromoform 98-82-8Isopropylbenzene	5 5 5 5 5	ם מ
79-34-51,1,2,2-Tetrachloroethane 108-86-1Bromobenzene 96-18-41,2,3-Trichloropropane	5 5 5	ָ ט ט
103-65-1n-Propylbenzene 95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene	5 5 5	ָ ָ ע
106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene	5	U U U
95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene	5 5 -	U U
99-87-64-Isopropyltoluene 541-73-11,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene	5 5 5 5 5 5 5 5	U U
104-51-8n-Butylbenzene 95-50-11,2-Dichlorobenzene	5 5	ָ ט
96-12-81,2-Dibromo-3-chloropropane 120-82-11,2,4-Trichlorobenzene 87-68-3Hexachlorobutadiene	5 5 5	U U
91-20-3Naphthalene 87-61-61,2,3-Trichlorobenzene	5 5	U U
		l <u></u>

V6F6267

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

				Ē		l	GP4-GW1
Lab 1	Name:	MITKEM	LABORATORIES		Contract:		

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-29A

(low/med) Level: LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/08/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

> CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Lab File ID:

Number TICs found: 0

5.000 (g/mL) ML

Sample wt/vol:

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

GP4-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: SAS No.:

LOW

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-04A

Sample wt/vol:

5.1 (g/mL) G

Lab File ID:

V1J3853

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

75-71-8	Dichlorodifluoromethane		6 U
	Chloromethane	~	6 U
	Vinyl Chloride	-	6 U
	Bromomethane	-	6 U
	Chloroethane	-	6 U
	Trichlorofluoromethane	-	6 U
	1,1-Dichloroethene	-	6 0
67-64-1		-	22 B
	Iodomethane	-	์ 6 มี
	Carbon Disulfide	-	6 U
	Methylene Chloride	-	3 JB
	trans-1,2-Dichloroethene	-	6 U
	Methyl tert-butyl ether	-	6 U
	1,1-Dichloroethane	-	6 U
	Vinyl acetate	-	6 U
	2-Butanone	-	7
	cis-1,2-Dichloroethene	-	6 U
	2,2-Dichloropropane	-	6 0
74-97-5	Bromochloromethane	-	6 U
	Chloroform	-	6 U
	1,1,1-Trichloroethane	•	6 U
	1,1-Dichloropropene	·	6 U
	Carbon Tetrachloride	•	6 U
	1,2-Dichloroethane	•	6 U
71-43-2		•	6 0
	Trichloroethene	·	6 U
	1,2-Dichloropropane	-	6 U
	Dibromomethane	•	6 U
	Bromodichloromethane	•	6 U
	cis-1,3-Dichloropropene	•	6 U
	4-Methyl-2-pentanone		6 U
108-88-3		1	5 J
	trans-1,3-Dichloropropene		6 U
	1,1,2-Trichloroethane	·	6 11
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EPA SAMPLE NO.

GP4-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-04A

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: V1J3853

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 21

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

CAD IVO.	CONTOUND (ug/II of ug	/11g/ 00/11d	Z
142-28-9	1,3-Dichloropropane		6 U
	Tetrachloroethene		6 U
	2-Hexanone		6 U
	Dibromochloromethane		6 U
	1,2-Dibromoethane		6 U
	Chlorobenzene	•	6 U
	1,1,1,2-Tetrachloroethane		6 U
	Ethylbenzene		6 U
	m,p-Xylene		6 U
95-47-6	o-Xvlene		6 U
1330-20-7	Xylene (Total)	·	6 U
100-42-5	Styrene		6 U
75-25-2			6 U
98-82-8	Isopropylbenzene		6 U
79-34-5	1,1,2,2-Tetrachloroethane		6 U
	Bromobenzene		6 U
96-18-4	1,2,3-Trichloropropane		6 U
103-65-1	n-Propylbenzene		6 U
	2-Chlorotoluene		6 U
108-67-8	1,3,5-Trimethylbenzene		6 U
106-43-4	4-Chlorotoluene		6 U
98-06-6	tert-Butylbenzene		6 U
95-63-6	1,2,4-Trimethylbenzene		6 U
135-98-8	sec-Butylbenzene		6 U
99-87-6	4-Isopropyltoluene		6 U
541-73-1	1,3-Dichlorobenzene		6 U
106-46-7	1,4-Dichlorobenzene		6 U
104-51-8	n-Butylbenzene		6 U
95-50-1	1,2-Dichlorobenzene		6 U
96-12-8	1,2-Dibromo-3-chloropropane		6 ប
120-82-1	1,2,4-Trichlorobenzene		6 U
	Hexachlorobutadiene	, .	6 U
91-20-3	Naphthalene		6 U
87-61-6	1,2,3-Trichlorobenzene		6 U

EPA SAMPLE NO.

GP4-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-04A

Sample wt/vol:

5.1 (g/mL) G

Lab File ID:

V1J3853

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec. 21

LOW

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (mL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/Kg

Number TICs found: 3

1				 ,
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1. 4453-90-1 2. 581-40-8 3. 581-40-8	1,4-METHANONAPHTHALENE, 1,4-NAPHTHALENE, 2,3-DIMETHYL-NAPHTHALENE, 2,3-DIMETHYL-	16.08 17.18 17.34	10 10	NJ NJ NJ
6.				
7. 8. 9.				
10. 11. 12.			-	
14				
16. 17. 18.				
20				
22. 23. 24.				
25. 26. 27.				
28. 29. 30.				

EPA SAMPLE NO.

GP5-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-15A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6196

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8				
74-87-3	75-71-8	Dichlorodifluoromethane		5 U
75-01-4	74-87-3	Chloromethane		5 U
74-83-9				3 J
75-00-3				5 U
75-69-4Trichlorofluoromethane 75-35-41,1-Dichloroethene 67-64-1Acetone 74-88-4Iodomethane 75-15-0Carbon Disulfide 75-09-2Methylene Chloride 156-60-5Methyl tert-butyl ether 75-34-3	75-00-3	Chloroethane		5 U
67-64-1	75-69-4	Trichlorofluoromethane	•	5 U
67-64-1	75-35-4	1,1-Dichloroethene	•	5 ט 5
74-88-4				
108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 31 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	74-88-4	Iodomethane		
108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 31 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-15-0	Carbon Disulfide		5 U
108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 31 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-09-2	Methylene Chloride		5 U
108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 31 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				5 U
108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 31 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	1634-04-4	Methyl tert-butyl ether	1	5 U
108-05-4Vinyl acetate 5 U 78-93-32-Butanone 5 U 156-59-2cis-1,2-Dichloroethene 31 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	75-34-3	1,1-Dichloroethane	ŀ	5 U
156-59-2cis-1,2-Dichloroethene 31 590-20-72,2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	108-05-4	Vinyl acetate		ז 5
590-20-72, 2-Dichloropropane 5 U 74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61, 1, 1-Trichloroethane 5 U 563-58-61, 1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21, 2-Dichloroethane 5 U 71-43-2Benzene 5 U 78-87-51, 2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	78-93-3	2-Butanone		5 ט
74-97-5	156-59-2	cis-1,2-Dichloroethene		31
74-97-5Bromochloromethane 5 U 67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 109-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	590-20-7	2,2-Dichloropropane		5 Ū
67-66-3Chloroform 5 U 71-55-61,1,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	74-97-5	Bromochloromethane		
71-55-61,1-Trichloroethane 5 U 563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	67-66-3	Chloroform		5 U
563-58-61,1-Dichloropropene 5 U 56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 109-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	71-55-6	1,1,1-Trichloroethane	ĺ	5 ט
56-23-5Carbon Tetrachloride 5 U 107-06-21,2-Dichloroethane 5 U 71-43-2Benzene 5 U 79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	563-58-6	1,1-Dichloropropene		5 U
79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	56-23-5	Carbon Tetrachloride		. 5 U
79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	107-06-2	1,2-Dichloroethane		5 U
79-01-6Trichloroethene 3 J 78-87-51,2-Dichloropropane 5 U 74-95-3Dibromomethane 5 U 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	71-43-2	Benzene		5 U
78-87-51,2-Dichloropropane 5 74-95-3Dibromomethane 5 75-27-4Bromodichloromethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5	79-01-6	Trichloroethene		3 J
74-95-3Dibromomethane 5 75-27-4Bromodichloromethane 5 10061-01-5cis-1,3-Dichloropropene 5 108-10-14-Methyl-2-pentanone 5 108-88-3Toluene 5 10061-02-6trans-1,3-Dichloropropene 5	78-87-5	1,2-Dichloropropane		
75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	74-95-3	Dibromomethane		5 U
10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				
108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U	10061-01-5	cis-1,3-Dichloropropene		
108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U				
10061-02-6trans-1,3-Dichloropropene 5 U	108-88-3	Toluene		
	10061-02-6	trans-1,3-Dichloropropene		
	79-00-5	1,1,2-Trichloroethane		

EPA SAMPLE NO.

GP5-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-15A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6196

Level:

(low/med) LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

			(5/ =	,, .,,		~	
	142-28-9	-1,3-Dichloropropa	1e		5 T	······································	
		-Tetrachloroethene		-	5 T	_	
	591-78-6			-	5 t	_	ļ
		-Dibromochlorometha	ene	-		J	
		-1,2-Dibromoethane		-		J	
	108-90-7			-		Ĵ	
i		-1,1,1,2-Tetrachlo	roethane	-	5 T	J	ļ
	100-41-4			-	5 T	J	
		-m.p-Xvlene		-		- IJ	١
ļ	95-47-6	-o-Xylene		-		- J	l
	1330-20-7	-Xylene (Total)		-		- J	
i	100-42-5	-Styrene		-		- J	
	75-25-2	-Bromoform		-	5 T		
		-Isopropylbenzene			5 T		l
	79-34-5	-1,1,2,2-Tetrachlo	roethane		5 T		
	108-86-1	-Bromobenzene		-	5 0		
	96-18-4	-1,2,3-Trichloropro	pane	-	5 T	J	
	103-65-1	-n-Propylbenzene		•	5 T	J	
	95-49-8	-2-Chlorotoluene		-	5 T	J	
	108-67-8	-1,3,5-Trimethylber	nzene	-	5 t	J	
	106-43-4	-4-Chlorotoluene		-	5 t	J	
		-tert-Butylbenzene	<u> </u>	-	5 t	J	l
	95-63-6	-1,2,4-Trimethylber	nzene	-	5 t	J	
	135-98-8	-sec-Butylbenzene		-	5 t	J	
	99-87-6	-4-Isopropyltoluene		-	5 t	J	
	541-73-1	-1,3-Dichlorobenzer	ne		5 T	J	
	106-46-7 -	-1,4-Dichlorobenzer	ne		5 T	Ţ	
	104-51-8	-n-Butylbenzene			5 T	J	
	95-50-1	-1,2-Dichlorobenzer	ne	-	5 T	J	
	96-12-8	-1,2-Dibromo-3-chlo	propropane		5 T	J	
		-1,2,4-Trichlorober			5 t		
	87-68-3	-Hexachlorobutadier	ne]-	5 T	J	
	91-20-3	-Naphthalene			5 T	J	
	87-61-6	-1,2,3-Trichlorober	nzene	.	5 T	J	
					l _		

			GP5-GW1
Lab Name:	MITKEM LABORATORIES	Contract:	

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-15A

5.000 (g/mL) ML Lab File ID: Sample wt/vol: V6F6196

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/04/08

ID: 0.25 (mm) Dilution Factor: 1.0 GC Column: DB-624

Soil Aliquot Volume: ____(uL) Soil Extract Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
1.				
l Z. I			-	
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1 7.				
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1 22.				
24.				
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1 27.				
28				
1 47.				
30.				

EPA SAMPLE NO.

GP5-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-10A

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1J3857

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec. 12

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

75-71-8Dichlorodifluoromethane 6 U 74-87-3Chloromethane 6 U 75-01-4Vinyl Chloride 6 U 75-00-3	3.23 2.0	(ug/ 11 01 14	9/19/ 00/10	¥
74-87-3	75-71-8	Dichlorodifluoromethane		6 U
75-01-4			-	
74-83-9			-	
75-00-3			-	
75-69-4Trichlorofluoromethane 6 U 75-35-41,1-Dichloroethene 6 U 67-64-1Acetone 59 B 74-88-4Iodomethane 6 U 75-15-0Carbon Disulfide 6 U 75-09-2Methylene Chloride 3 JB 156-60-5			-	1
75-35-41,1-Dichloroethene	75-69-4	Trichlorofluoromethane	-	
74-88-4	75-35-4	1,1-Dichloroethene	_	
75-15-0			-	59 B
75-09-2Methylene Chloride 3 JB 156-60-5trans-1,2-Dichloroethene 6 U 1634-04-4Methyl tert-butyl ether 6 U 75-34-31,1-Dichloroethane 6 U 108-05-4Vinyl acetate 6 U 78-93-32-Butanone 25 156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3			_	6 U
156-60-5trans-1,2-Dichloroethene 6 U 1634-04-4Methyl tert-butyl ether 6 U 75-34-31,1-Dichloroethane 6 U 108-05-4Vinyl acetate 6 U 78-93-32-Butanone 25 156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 79-01-6Trichloroethene 6 U 78-87-5Benzene 6 U 79-01-6Trichloroethane 6 U 75-27-4			_	6 U
1634-04-4Methyl tert-butyl ether 6 75-34-31,1-Dichloroethane 6 108-05-4Vinyl acetate 6 78-93-32-Butanone 25 156-59-2cis-1,2-Dichloroethene 6 590-20-72,2-Dichloropropane 6 74-97-5Bromochloromethane 6 67-66-3Chloroform 6 71-55-61,1,1-Trichloroethane 6 563-58-61,1-Dichloropropene 6 56-23-5Carbon Tetrachloride 6 107-06-21,2-Dichloroethane 6 71-43-2Benzene 6 79-01-6Trichloroethene 6 78-87-51,2-Dichloropropane 6 74-95-3Dibromomethane 6 75-27-4Bromodichloromethane 6 10061-01-5cis-1,3-Dichloropropene 6 108-88-3Toluene 4 10061-02-6trans-1,3-Dichloropropene 6	75-09-2	Methylene Chloride	_	3 JB
75-34-31,1-Dichloroethane 6 U 108-05-4Vinyl acetate 6 U 78-93-32-Butanone 25 156-59-2cis-1,2-Dichloroethene 6 U 590-20-72,2-Dichloropropane 6 U 74-97-5Bromochloromethane 6 U 67-66-3Chloroform 6 U 71-55-61,1,1-Trichloroethane 6 U 76-23-5Carbon Tetrachloride 0 U 107-06-21,2-Dichloropropene 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethane 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 1061-01-5				6 U
108-05-4			_	6 U
78-93-32-Butanone 25 156-59-2cis-1,2-Dichloroethene 6 590-20-72,2-Dichloropropane 6 74-97-5Bromochloromethane 6 67-66-3Chloroform 6 71-55-61,1,1-Trichloroethane 6 563-58-61,1-Dichloropropene 6 56-23-5Carbon Tetrachloride 6 107-06-21,2-Dichloroethane 6 71-43-2Benzene 6 79-01-6Trichloroethene 6 74-95-3Dibromomethane 6 75-27-4Bromodichloromethane 6 10061-01-5cis-1,3-Dichloropropene 6 108-88-3Toluene 4 10061-02-6trans-1,3-Dichloropropene 6				6 U
156-59-2cis-1,2-Dichloroethene 6 590-20-72,2-Dichloropropane 6 74-97-5Bromochloromethane 6 67-66-3Chloroform 6 71-55-61,1,1-Trichloroethane 6 563-58-61,1-Dichloropropene 6 56-23-5Carbon Tetrachloride 6 107-06-21,2-Dichloroethane 6 71-43-2Benzene 6 79-01-6Trichloroethene 6 78-87-51,2-Dichloropropane 6 74-95-3Dibromomethane 6 10061-01-5Bromodichloromethane 6 108-10-14-Methyl-2-pentanone 6 108-88-3Toluene 4 10061-02-6trans-1,3-Dichloropropene 6				
590-20-72,2-Dichloropropane 6 74-97-5Bromochloromethane 6 67-66-3Chloroform 6 71-55-61,1,1-Trichloroethane 6 563-58-61,1-Dichloropropene 6 56-23-5Carbon Tetrachloride 6 107-06-21,2-Dichloroethane 6 71-43-2Benzene 6 79-01-6Trichloroethene 6 78-87-51,2-Dichloropropane 6 74-95-3Dibromomethane 6 10061-01-5Bromodichloromethane 6 108-10-14-Methyl-2-pentanone 6 108-88-3Toluene 4 10061-02-6trans-1,3-Dichloropropene 6				25
74-97-5				6 U
67-66-3				6 U
71-55-61,1-Trichloroethane 6 U 563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U				
563-58-61,1-Dichloropropene 6 U 56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U				
56-23-5Carbon Tetrachloride 6 U 107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U			_	
107-06-21,2-Dichloroethane 6 U 71-43-2Benzene 6 U 79-01-6Trichloroethene 6 U 78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U	563-58-6	1,1-Dichloropropene	_	
71-43-2			_	1
79-01-6Trichloroethene 6 78-87-51,2-Dichloropropane 6 74-95-3Dibromomethane 6 75-27-4Bromodichloromethane 6 10061-01-5cis-1,3-Dichloropropene 6 108-10-14-Methyl-2-pentanone 6 108-88-3Toluene 4 10061-02-6trans-1,3-Dichloropropene 6				I
78-87-51,2-Dichloropropane 6 U 74-95-3Dibromomethane 6 U 75-27-4Bromodichloromethane 6 U 10061-01-5cis-1,3-Dichloropropene 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U			_	I
74-95-3				
75-27-4Bromodichloromethane 10061-01-5cis-1,3-Dichloropropene 108-10-14-Methyl-2-pentanone 108-88-3Toluene 10061-02-6trans-1,3-Dichloropropene 6 U				1
10061-01-5cis-1,3-Dichloropropene 6 U 108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U			_	
108-10-14-Methyl-2-pentanone 6 U 108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U			_	
108-88-3Toluene 4 J 10061-02-6trans-1,3-Dichloropropene 6 U	10061-01-5	cis-1,3-Dichloropropene	_	
10061-02-6trans-1,3-Dichloropropene 6 U			_	
/9-00-51,1,2-TricnIoroethane 6 U			_	
	/9-00-5	1,1,2-Trichloroethane		6 U
			_l	

EPA SAMPLE NO.

GP5-SS1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-10A

Sample wt/vol: 5.0 (g/mL) GLab File ID: V1J3857

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 12

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 0

CAD IVO:	(49/1 01 49	, 115, 00, 10	Q
142-28-9	1,3-Dichloropropane	6	U
	Tetrachloroethene		ט
	2-Hexanone	1	ט
	Dibromochloromethane	6	
	1,2-Dibromoethane	6	
	Chlorobenzene	6	
	1,1,1,2-Tetrachloroethane	6	
100-41-4	Ethylbenzene	6	
	m,p-Xylene	6	1
95-47-6	o-Xvlene	6	
1330-20-7	Xylene (Total)	6	
100-42-5	Stvrene	6	1
75-25-2	Bromoform	6	
	Isopropylbenzene	6	1
79-34-5	1,1,2,2-Tetrachloroethane	6	1
	Bromobenzene	6	
96-18-4	1,2,3-Trichloropropane	6	1
103-65-1	n-Propylbenzene	6	,
95-49-8	2-Chlorotoluene	6	
108-67-8	1,3,5-Trimethylbenzene	6	
	4-Chlorotoluene	6	U
98-06-6	tert-Butylbenzene	6	U
	1,2,4-Trimethylbenzene	6	U
	sec-Butylbenzene	6	Ų
99-87-6	4-Isopropyltoluene	6	U
541-73-1	1,3-Dichlorobenzene	6	ש
106-46-7	1,4-Dichlorobenzene	6	U
	n-Butylbenzene	6	U
	1,2-Dichlorobenzene	6	U
96-12 - 8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
	Hexachlorobutadiene		U
91-20-3	Naphthalene		U
87-61-6	1,2,3-Trichlorobenzene	. 6	U
		-	

EPA SAMPLE NO.

GP5-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-10A

Sample wt/vol:

5.0 (g/mL) G

Lab File ID:

V1J3857

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec. 12

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

Soil Extract Volume: (mL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
1.		-		
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27			<u> </u>	
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29.				
30				

EPA SAMPLE NO.

GP6-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-23A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6227

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

		, ,	
75-71-8	Dichlorodifluoromethane	5	U
	Chloromethane		Ū
	Vinyl Chloride	- 5	ט
	Bromomethane	5	שׁ
	Chloroethane	5	ש
	Trichlorofluoromethane	5	ַ ט
	1,1-Dichloroethene	5	ע
67-64-1		49	
74-88-4	Iodomethane	5	Ū
75-15-0	Carbon Disulfide	⁻ 5	U
75-09-2	Methylene Chloride	5	
156-60-5	trans-1,2-Dichloroethene	- 5	
1634-04-4	Methyl tert-butyl ether	- 5	
	1,1-Dichloroethane	5	U
	Vinyl acetate	5	
	2-Butanone	_ 5	
	cis-1,2-Dichloroethene	[5	
590-20-7	2,2-Dichloropropane	_ 5	U
	Bromochloromethane	_ 5	
	Chloroform	_ 5	Ŭ .
71-55-6	1,1,1-Trichloroethane	_ 5	
563-58-6	1,1-Dichloropropene	5	
	Carbon Tetrachloride	5	U
	1,2-Dichloroethane	5	Ū
71-43-2		5	
	Trichloroethene	5	
	1,2-Dichloropropane	5	
	Dibromomethane	_	
	Bromodichloromethane		
	cis-1,3-Dichloropropene	5	
	4-Methyl-2-pentanone	5	
108-88-3		5	
	trans-1,3-Dichloropropene	5	-
79-00-5	1,1,2-Trichloroethane	5	U
		_	1

EPA SAMPLE NO.

GP6-GW1

Lab Name: MITKEM LABORATORIES Contract:

.

Lab Code: MITKEM

Case No.: SAS No.: SDG No.: MG0125

CONCENTRATION UNITS:

Matrix: (soil/water) WATER Lab Sample ID: G0125-23A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6227

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/06/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

 CAS NO.
 COMPOUND
 (ug/L or ug/Kg) UG/L
 Q

 142-28-9-----1,3-Dichloropropane
 5 U

 127-18-4-----Tetrachloroethene
 2 JB

 591-78-6-----2-Hexanone
 5 U

 124-48-1-----Dibromochloromethane
 5 U

5 5 106-93-4----1, 2-Dibromoethane U 108-90-7-----Chlorobenzene U 5 630-20-6----1,1,1,2-Tetrachloroethane U 5 100-41-4----Ethylbenzene U 5 ----m,p-Xylene U 95-47-6----o-Xylene_ 5 U 5 1330-20-7-----Xylene (Total) U 5 100-42-5----Styrene ΙŪ 5 75-25-2-----Bromoform U 98-82-8-----Isopropylbenzene 5 U 5 79-34-5----1,1,2,2-Tetrachloroethane U 108-86-1-----Bromobenzene U 96-18-4----1,2,3-Trichloropropane 5 U 103-65-1----n-Propylbenzene 5 U 5 5 5 95-49-8----2-Chlorotoluene U 108-67-8-----1,3,5-Trimethylbenzene U 106-43-4----4-Chlorotoluene U 5 5 98-06-6-----tert-Butylbenzene U 95-63-6----1,2,4-Trimethylbenzene U 135-98-8----sec-Butylbenzene 5 Ū 99-87-6----4-Isopropyltoluene 5 Ŭ 5 5 541-73-1----1,3-Dichlorobenzene Ū 106-46-7----1,4-Dichlorobenzene IJ

104-51-8----n-Butylbenzene 5 U 95-50-1-----1,2-Dichlorobenzene 5 U 96-12-8----1,2-Dibromo-3-chloropropane 5 U 5 120-82-1----1,2,4-Trichlorobenzene U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3----Naphthalene 5 U 87-61-6----1,2,3-Trichlorobenzene 5

FORM I VOA

OLM03.0

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-23A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V6F6227

Level:

(low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm) Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1				
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EPA SAMPLE NO.

GP6-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-11A

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V1J3830

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624

CAS NO.

ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume:

(uL)

Soil Extract Volume: (mL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAB IVO.	COMPOUND (ug/ H OF ug/	1197 007 110	Z
75-71-8	Dichlorodifluoromethane	6	ט
	Chloromethane	6	
	Vinyl Chloride	6	1
	Bromomethane	6	บ่
	Chloroethane	6	_
	Trichlorofluoromethane	6	1
	1,1-Dichloroethene	6	טו
67-64-1		6	
	Iodomethane	6	
	Carbon Disulfide	6	
	Methylene Chloride	6	
	trans-1,2-Dichloroethene	6	
	Methyl tert-butyl ether	6	ט כ
	1,1-Dichloroethane	6	ט ט
	Vinyl acetate	6	ง บ
78-93-3	2-Butanone	1	_ J
156-59-2	cis-1,2-Dichloroethene	6	5 U
590-20-7	2,2-Dichloropropane	6	ט
74-97-5	Bromochloromethane	6	ט ז
67-66-3	Chloroform	6	ט ז
	1,1,1-Trichloroethane	. 6	ט ז
563-58-6	1,1-Dichloropropene	6	ช ซ
56-23-5	Carbon Tetrachloride	6	ס א
107-06-2	1,2-Dichloroethane	6	יט
71-43-2	Benzene	6	טו
79-01-6	Trichloroethene	6	ט ז
78-87-5	1,2-Dichloropropane	6	טו
	Dibromomethane	6	טו
75-27-4	Bromodichloromethane	6	ט ו
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-pentanone	6	
108-88-3		2	
10061-02-6	trans-1,3-Dichloropropene	6	5 U
79-00-5	1,1,2-Trichloroethane	6	ט ו
			_

GP6-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-11A

Sample wt/vol:

5.1 (g/mL) G

Lab File ID:

V1J3830

Level: (low/med) LOW

Soil Extract Volume: (mL)

Date Received: 01/31/08

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

142-28-9	1,3-Dichloropropane	. 6	U
127-18-4	Tetrachloroethene	•	บั
	2-Hexanone	6	Ü
124-48-1	Dibromochloromethane	6	Ü
	1,2-Dibromoethane	6	Ū
	Chlorobenzene	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	Ū
	Ethylbenzene	6	Ū
	m,p-Xylene	6	U
95-47-6	o-Xylene	6	Ū
1330-20-7	Xylene (Total)	6	Ū
100-42-5		6	Ū
	Bromoform	6	Ü
98-82-8	Isopropylbenzene	6	Ū
	1,1,2,2-Tetrachloroethane	6	U
	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	ΙŪ
	n-Propylbenzene	6	ָ ע
	2-Chlorotoluene	6	Ū
108-67-8	1,3,5-Trimethylbenzene	6	Ū
	4-Chlorotoluene	6	ָ [֖]
98-06-6	tert-Butylbenzene	6	Ü
	1,2,4-Trimethylbenzene	6	U .
	sec-Butylbenzene	6	U
	4-Isopropyltoluene	6	Ū
	1,3-Dichlorobenzene	6	lπ
	1,4-Dichlorobenzene	6	ΙŪ
	n-Butylbenzene	6	IJ
	1,2-Dichlorobenzene	6	ΠŢ.
	1,2-Dibromo-3-chloropropane	6	111
	1,2,4-Trichlorobenzene	6	Ū
	Hexachlorobutadiene	6	Ü
	Naphthalene	6	Ü
	1,2,3-Trichlorobenzene	6	IJ
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EPA SAMPLE NO.

GP6-	SS1	

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-11A

Sample wt/vol: 5.1 (g/mL) G

Lab File ID:

V1J3830

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 541-05-9 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.	COMPOUND NAME CYCLOTRISILOXANE, HEXAMETHYL	=======	=========	Q ====== NJB
45.				

GP6-SS1RE

Lab Name: MITKEM LABORATORIES

Lab Code: MITKEM Case No.:

Contract:

SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-11ARE

Lab File ID: V1J3858

Sample wt/vol: 5.1 (g/mL) G

Date Received: 01/31/08

Level: (low/med) LOW

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

	Dichlorodifluoromethane	6 U
74-87-3	Chloromethane	6 U
75-01-4	Vinyl Chloride	6 U
74-83-9	Bromomethane	6 U
75-00-3	Chloroethane	6 U
75-69-4	Trichlorofluoromethane	6 U
75-35-4	1,1-Dichloroethene	6 U
67-64-1	Acetone	10 B
74-88-4	Iodomethane	6 U
75-15-0	Carbon Disulfide	6 U
75-09-2	Methylene Chloride	3 JB
156-60-5	trans-1,2-Dichloroethene	6 U
1634-04-4	Methyl tert-butyl ether	6 U
75-34-3	1,1-Dichloroethane	6 U
108-05-4	Vinyl acetate	6 U
78-93-3	2-Butanone	6 U
156-59-2	cis-1,2-Dichloroethene	6 U
590-20-7	2,2-Dichloropropane	6 U
74-97-5	Bromochloromethane	6 U
67-66-3	Chloroform	6 U
71-55-6	1,1,1-Trichloroethane	6 U
	1,1-Dichloropropene	6 U
56-23-5	Carbon Tetrachloride	6 U
107-06-2	1,2-Dichloroethane	6 U
71-43-2	Benzene	6 U
79-01-6	Trichloroethene	6 U
78-87-5	1,2-Dichloropropane	6 U
74-95-3	Dibromomethane	6 U
	Bromodichloromethane	6 U
10061-01-5	cis-1,3-Dichloropropene	6 U
	4-Methyl-2-pentanone	6 U
108-88-3		2 Ј
	trans-1,3-Dichloropropene	6 U
	1,1,2-Trichloroethane	6 U
		· ——— · · · · · · · · · · · · · · · · ·

EPA SAMPLE NO.

GP6-SS1RE

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-11ARE

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V1J3858

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

			,, ,,	~
	142-28-9	1,3-Dichloropropane	6	U
		Tetrachloroethene	-!	U
١	591-78-6		-	Ŭ
		Dibromochloromethane	— I	Ŭ i
	106-93-4	1,2-Dibromoethane	-	U
Ì	108-90-7	Chlorobenzene	I	บั
		-1,1,1,2-Tetrachloroethane	- i	Ŭ .
	100-41-4	Ethylbenzene	·	Ū
		m,p-Xylene		Ū
1	95-47-6		-	Ū
١	1330-20-7	Xylene (Total)	- í	IJ
l	100-42-5	Styrene	-	Ū
l	75-25-2	Bromoform	-	Ū
l		Isopropylbenzene	-	Ū
l	79-34-5	1,1,2,2-Tetrachloroethane		Ŭ
ĺ	108-86-1		- [Ū
l	96-18-4	-1,2,3-Trichloropropane		U
l	103-65-1	-n-Propylbenzene	- I	Ū
l	95-49-8	-2-Chlorotoluene	- 1	Ū
l	108-67-8	-1,3,5-Trimethylbenzene	-1	Ū
l		-4-Chlorotoluene		Ū
Į	98-06-6	-tert-Butylbenzene	-	Ū
Į	95-63-6	-1,2,4-Trimethylbenzene		Ū
ĺ		-sec-Butylbenzene	-1	Ū
l		-4-Isopropyltoluene	- 1	Ū
l	541-73-1	-1,3-Dichlorobenzene	- L	Ū
l		-1,4-Dichlorobenzene	-	Ū
l	104-51-8	-n-Butylbenzene	- I	U
l	95-50-1	-1,2-Dichlorobenzene	- 1	Ū
l	96-12-8	-1,2-Dibromo-3-chloropropane	-	Ū
	120-82-1	-1,2,4-Trichlorobenzene -	-1 ,	Ŭ
١	87-68-3	-Hexachlorobutadiene		Ū
l	91-20-3	-Naphthalene	-	Ŭ
		-1,2,3-Trichlorobenzene	-	Ū
١			1	
			- 1 	

Lab Name: MITKEM LABORATORIES Contract:

GP6-SS1RE

Lab Code: MITKEM Case No.:

SAS No :

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-11ARE

Sample wt/vol: 5.1 (q/mL) G

Lab File ID: V1J3858

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. 20

Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

1.	Q	EST. CONC.	RT	COMPOUND NAME	CAS NUMBER
3.	====	========	=======		
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4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.			 -		3.
6. 7. 8. 9. 10. 11. 12. 13. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					
7.					5.
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9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					8.
10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					9.
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13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27.					<u></u>
14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27.					 1
15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27.		· · · · · · · · · · · · · · · · · · ·			
16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					↓ ★•
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23. 24. 25. 26. 27. 28.					44.
24. 25. 26. 27. 28.					23.
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26. 27. 28.					25.
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EPA SAMPLE NO.

GP7-GW1

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6194

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. _____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kq) UG/L Q

			1
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	Ū
75-01-4	Vinyl Chloride	5	Ū
	Bromomethane	5	Ü
	Chloroethane	5	Ū
	Trichlorofluoromethane	- 5	Ū
	1,1-Dichloroethene	5	Ū
67-64-1		18	
	Iodomethane	5	U
	Carbon Disulfide	5	Ū
	Methylene Chloride	5	Ü
	trans-1,2-Dichloroethene	5	υ
	Methyl tert-butyl ether	5	Ū
	1,1-Dichloroethane	5	Ū
	Vinyl acetate	5	Ū
	2-Butanone	5	Ū
	cis-1,2-Dichloroethene	5	บั
	2,2-Dichloropropane	5	บั
	Bromochloromethane	5	Ū
	Chloroform	5	Ü
	1,1,1-Trichloroethane	5	Ū
	1,1-Dichloropropene	5	Ū
	Carbon Tetrachloride	5	ŭ
	1,2-Dichloroethane	5	Ü
71-43-2		2	Ĵ
	Trichloroethene	5	Ū
	1,2-Dichloropropane	5	Ū
	Dibromomethane	. 5	บี
	Bromodichloromethane	5	Ū
	cis-1,3-Dichloropropene	5	Ū
	4-Methyl-2-pentanone	5	Ü
108-88-3		5	١
	trans-1,3-Dichloropropene	5	ŢŢ
	1,1,2-Trichloroethane	5	IJ

EPA SAMPLE NO.

GP7-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-01A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6194

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

			π
142-28-9	1,3-Dichloropropane	5	U
	Tetrachloroethene	5	Ū
591-78-6	2-Hexanone	5	Ü.
124-48-1	Dibromochloromethane	5	υ
	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	ΙΊ
630-20-6	1,1,1,2-Tetrachloroethane	5	U
	Ethylbenzene	5	Ü.
	m,p-Xylene	5 5 5 3 1	Ĵ
95-47-6		1	J
	Xylene (Total)	$\overline{4}$	J
100-42-5			U
	Bromoform	5	ĮŢŢ
	Isopropylbenzene	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	IJ
	1,1,2,2-Tetrachloroethane	5	τī
	Bromobenzene	5	U
	1,2,3-Trichloropropane	5	ΙÜ
	n-Propylbenzene	<u>, </u>	ΙŬ
95-49-8	2-Chlorotoluene	5	117
	1,3,5-Trimethylbenzene	5	U
	4-Chlorotoluene	5	ι υ
	tert-Butylbenzene	5	υ
	1,2,4-Trimethylbenzene	1	J
	sec-Butylbenzene	5	U
	4-Isopropyltoluene	5	IJ
	1,3-Dichlorobenzene	5	lΰ
	1,4-Dichlorobenzene	5	Ü
	n-Butylbenzene	5	υ
	1,2-Dichlorobenzene	5	
	1,2-Dibromo-3-chloropropane	5	U
	1,2,4-Trichlorobenzene	5	U
	Hexachlorobutadiene	5	U
	Naphthalene	5	TT T
	1,2,3-Trichlorobenzene	5	π

EPA SAMPLE NO.

GP7-GW1	
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T _ 1_	3.T	NATIONAL TOTAL	T A D O D A M O D T TI O
Lab	name:	MITIKEM	LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-01A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6194

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

1	· · · · · · · · · · · · · · · · · · ·			
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	l l
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EPA SAMPLE NO.

GP8-SS1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-05A

Sample wt/vol:

Lab File ID:

V1J3824

5.0 (g/mL) G

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec. 22

Date Analyzed: 01/31/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

75-71-8	Dichlorodifluoromethane		6 U
	Chloromethane	<u></u>	6 U
	Vinyl Chloride		6 U
	Bromomethane	I	6 U
	Chloroethane		6 U
	Trichlorofluoromethane		6 U
	1,1-Dichloroethene		6 U
67-64-1			4 JB
	Iodomethane		6 U
	Carbon Disulfide	I	6 U
	Methylene Chloride		6 U
	trans-1,2-Dichloroethene		6 U
	Methyl tert-butyl ether		6 U
	1,1-Dichloroethane		6 U
	Vinyl acetate		6 U
	2-Butanone		2 J
	cis-1,2-Dichloroethene		6 U
	2,2-Dichloropropane		6 U
	Bromochloromethane		6 U
	Chloroform	I	6 U
	1,1,1-Trichloroethane		6 U
	1,1-Dichloropropene		6 U
	Carbon Tetrachloride	_	6 U
	1,2-Dichloroethane	<u> </u>	6 U
71-43-2			6 U
	Trichloroethene		6 U
	1,2-Dichloropropane		6 U
	Dibromomethane	<u> </u>	6 U
	Bromodichloromethane		6 U
	cis-1,3-Dichloropropene	I	6 U
108-10-1	4-Methyl-2-pentanone		6 U
108-88-3			6 U
	trans-1,3-Dichloropropene		6 U
79-00-5	1,1,2-Trichloroethane	!	6 U
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EPA SAMPLE NO.

GP8-SS1

Lab Name: MITKEM LABORATORIES

Contract:

SAS No.: Lab Code: MITKEM Case No.: SDG No.: MG0125

Matrix: (soil/water) SOIL

Lab Sample ID: G0125-05A

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V1J3824

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. 22

Date Analyzed: 01/31/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG CAS NO. COMPOUND

ab 1.0.	(45, 1 01 45,	1.5, 00, 1.0	~
142-28-9	1,3-Dichloropropane	6	U
	Tetrachloroethene	i	<u></u>
	2-Hexanone	6	_
	Dibromochloromethane	6	1
	1,2-Dibromoethane	6	I
	Chlorobenzene	6	
	1,1,1,2-Tetrachloroethane	6	ַ
	Ethylbenzene	6	ן ט
	m,p-Xylene	6	U
95-47-6	o-Xylene	6	U
	Xylene (Total)	6	U
100-42-5		6	U
	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
	1,1,2,2-Tetrachloroethane	6	Ū
	Bromobenzene	6	U
96-18-4	1,2,3-Trichloropropane	6	U
	n-Propylbenzene	6	U
	2-Chlorotoluene	6	U
	1,3,5-Trimethylbenzene	6	ע
	4-Chlorotoluene	6	ט
98-06-6	tert-Butylbenzene	6	ע
	1,2,4-Trimethylbenzene	6	Ŭ
	sec-Butylbenzene	6	1
	4-Isopropyltoluene	6	l
	1,3-Dichlorobenzene	6	U
	1,4-Dichlorobenzene	6	ט ⋅
	n-Butylbenzene	6	U
	1,2-Dichlorobenzene	6	-
96-12-8	1,2-Dibromo-3-chloropropane	6	1
	1,2,4-Trichlorobenzene	6	l .
	Hexachlorobutadiene	. 6	U
	Naphthalene	6	U
87-61-6	1,2,3-Trichlorobenzene	6	U ~
·			l

EPA SAMPLE NO.

CDO	CCI
GPO	-DOT

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: G0125-05A

Sample wt/vol: 5.0 (g/mL) G

Lab File ID:

V1J3824

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec. 22

Number TICs found: 0

LOW

Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	1 -
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EPA SAMPLE NO.

GP9-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-27A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6234

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

	· · · · · · · · · · · · · · · · · · ·		
75-71-8	Dichlorodifluoromethane	5	ט
	Chloromethane	5	
	Vinyl Chloride	5	
	Bromomethane	5	
	Chloroethane	5	Ü
	Trichlorofluoromethane	5	υ
	1,1-Dichloroethene	5	Ū
67-64-1		5	Ū
	Iodomethane	5	Ū
	Carbon Disulfide	5	Ū
75-09-2	Methylene Chloride	5	Ü .
	trans-1,2-Dichloroethene	5	Ū
	Methyl tert-butyl ether	5	שׁ
	1,1-Dichloroethane	5	Ü
	Vinyl acetate	5	Ū
	2-Butanone	5	Ū
156-59-2	cis-1,2-Dichloroethene	5	Ū
590-20-7	2,2-Dichloropropane	5	[ט
	Bromochloromethane	5	U
67-66-3	Chloroform	5	ן ט
71-55-6	1,1,1-Trichloroethane	5	υ
563-58-6	1,1-Dichloropropene	5	Ū.
56-23-5	Carbon Tetrachloride	5	Ū
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	υ
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	ט
75-27-4	Bromodichloromethane	5	Ū
	cis-1,3-Dichloropropene	5	Ū
	4-Methyl-2-pentanone	5	Ū
108-88-3		5	υ
10061-02-6	trans-1,3-Dichloropropene	5	Ū
	1,1,2-Trichloroethane	5	Ū
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EPA SAMPLE NO.

GP9-GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-27A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6234

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

127-18-4Tetrachloroethene 2 591-78-6	ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט
127-18-4Tetrachloroethene 2 591-78-62-Hexanone 5 124-48-1Dibromochloromethane 5 106-93-41,2-Dibromoethane 5 108-90-7Chlorobenzene 5 630-20-61,1,1,2-Tetrachloroethane 5 100-41-4Ethylbenzene 5 m,p-Xylene 5	JB U U U U U U U U U U U U U U U U U U U
591-78-62-Hexanone 5 124-48-1Dibromochloromethane 5 106-93-41,2-Dibromoethane 5 108-90-7Chlorobenzene 5 630-20-61,1,1,2-Tetrachloroethane 5 100-41-4Ethylbenzene 5 m,p-Xylene 5	ם ם ם ם ם ם ם
124-48-1Dibromochloromethane 5 106-93-41,2-Dibromoethane 5 108-90-7Chlorobenzene 5 630-20-61,1,1,2-Tetrachloroethane 5 100-41-4Ethylbenzene 5 m,p-Xylene 5	ם מ מ מ
106-93-41,2-Dibromoethane 5 108-90-7Chlorobenzene 5 630-20-61,1,1,2-Tetrachloroethane 5 100-41-4Ethylbenzene 5 m,p-Xylene 5	บ บ บ บ
108-90-7Chlorobenzene 5 630-20-61,1,1,2-Tetrachloroethane 5 100-41-4Ethylbenzene 5 m,p-Xylene 5	บ บ บ
630-20-61,1,1,2-Tetrachloroethane 5 100-41-4Ethylbenzene 5 m,p-Xylene 5	บ บ บ
100-41-4Ethylbenzene 5	บ บ
m,p-Xylene5	U
95-47-6o-Xylene 5	
	U
1330-20-7Xylene (Total) 5	Ū
100-42-5Styrene 5	Ū
75-25-2Bromoform 5	Ū
98-82-8Isopropylbenzene5	U
79-34-51,1,2,2-Tetrachloroethane 5	U
108-86-1Bromobenzene 5	Ū
96-18-41,2,3-Trichloropropane 5	Ū
103-65-1n-Propylbenzene 5	U
95-49-82-Chlorotoluene 5	U
108-67-81,3,5-Trimethylbenzene 5	U
106-43-4	Ū
	U
	Ū
135-98-8sec-Butylbenzene5	U
99-87-64-Isopropyltoluene 5	Ū
541-73-11,3-Dichlorobenzene5	Ū
	Ū
104-51-8n-Butylbenzene5	U
95-50-11,2-Dichlorobenzene 5	U
96-12-81,2-Dibromo-3-chloropropane 5	Ū
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EPA SAMPLE NO.

MITITIO COMPONING				
		GPS	-GW1	
Contract:				:

Lab Name: MITKEM LABORATORIES

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-27A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6234

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/06/08

GC Column: DB-624

Number TICs found: 0

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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30				

EPA SAMPLE NO.

GW1	-	

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-18A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6199

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	5	U
	Chloromethane	5	
	Vinyl Chloride	260	
	Bromomethane	- 5	
	Chloroethane	- 5	
	Trichlorofluoromethane	- 5	II
	1,1-Dichloroethene	- 14	
67-64-1		- <u>-</u> -	
	Iodomethane		
75-15-0	Carbon Disulfide	- -5	Ū
	Methylene Chloride	5 5 5 5	υ
	trans-1,2-Dichloroethene	4	Ĵ
	Methyl tert-butyl ether	5	Ü
	1,1-Dichloroethane	- - 1	J
108-05-4	Vinyl acetate	- 5	
78-93-3	2-Butanone	5	
	cis-1,2-Dichloroethene	500	
	2,2-Dichloropropane	5	
	Bromochloromethane	5	Ū
67-66-3	Chloroform	5	Ū
	1,1,1-Trichloroethane	<u> </u>	Ū
	1,1-Dichloropropene	- 5	υ
	Carbon Tetrachloride	- 5	
	1,2-Dichloroethane	5	Ü
71-43-2		5	
79-01-6	Trichloroethene	82	
	1,2-Dichloropropane	5	U
	Dibromomethane	- 5	
	Bromodichloromethane	- 5	
	cis-1,3-Dichloropropene	- 5	
108-10-1	4-Methyl-2-pentanone	5	
108-88-3		5	
	trans-1,3-Dichloropropene	- 5	
	1,1,2-Trichloroethane	- 5	

EPA SAMPLE NO.

GW1

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-18A

5.000 (g/mL) ML

Lab File ID: V6F6199

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

Sample wt/vol:

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

142-28-91, 3-Dichloropropane 5 127-18-4Tetrachloroethene 19 591-78-62-Hexanone 5 106-93-41, 2-Dibromochloromethane 5 108-90-7Chlorobenzene 5 630-20-61, 1, 1, 2-Tetrachloroethane 5 100-41-4		,	
106-46-71,4-Dichlorobenzene 5 104-51-8n-Butylbenzene 5 95-50-11,2-Dichlorobenzene 5 96-12-81,2-Dibromo-3-chloropropane 5 120-82-11,2,4-Trichlorobenzene 5 87-68-3Hexachlorobutadiene 5 91-20-3Naphthalene 5	127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 100-42-5 75-25-2 98-82-8 79-34-5 108-86-1 96-18-4 103-65-1 95-49-8 106-43-4 98-06-6 95-63-6 135-98-8	Tetrachloroethene2-HexanoneDibromochloromethane1,2-DibromoethaneChlorobenzene1,1,1,2-TetrachloroethaneEthylbenzenem,p-XyleneXyleneXylene (Total)StyreneBromoformIsopropylbenzene1,1,2,2-TetrachloroethaneBromobenzene1,2,3-Trichloropropanen-Propylbenzene1,3,5-Trimethylbenzene4-Chlorotoluenetert-Butylbenzene1,2,4-Trimethylbenzenesec-Butylbenzene	19 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
98-82-8Isopropylbenzene 5 79-34-51,1,2,2-Tetrachloroethane 5 108-86-1Bromobenzene 5 96-18-41,2,3-Trichloropropane 5 103-65-1n-Propylbenzene 5 95-49-82-Chlorotoluene 5 108-67-81,3,5-Trimethylbenzene 5 106-43-44-Chlorotoluene 5 98-06-6tetr-Butylbenzene 5 99-63-61,2,4-Trimethylbenzene 5 135-98-8sec-Butylbenzene 5 99-87-64-Isopropyltoluene 5 541-73-11,3-Dichlorobenzene 5 106-46-71,4-Dichlorobenzene 5 104-51-81,2-Dichlorobenzene 5 95-50-11,2-Dichlorobenzene 5 96-12-81,2,4-Trichlorobenzene 5 120-82-11,2,4-Trichlorobenzene 5 120-82-1Naphthalene 5	100-42-5	Styrene	5 ט
108-86-1Bromobenzene 5 96-18-41,2,3-Trichloropropane 5 103-65-1n-Propylbenzene 5 95-49-82-Chlorotoluene 5 108-67-81,3,5-Trimethylbenzene 5 106-43-44-Chlorotoluene 5 98-06-6tert-Butylbenzene 5 95-63-61,2,4-Trimethylbenzene 5 135-98-8sec-Butylbenzene 5 99-87-64-Isopropyltoluene 5 541-73-11,3-Dichlorobenzene 5 104-51-81,4-Dichlorobenzene 5 104-51-81,2-Dichlorobenzene 5 96-12-81,2-Dibromo-3-chloropropane 5 120-82-11,2,4-Trichlorobenzene 5 97-68-3	98-82-8	Isopropylbenzene	5 U
95-49-82-Chlorotoluene 5 108-67-81,3,5-Trimethylbenzene 5 106-43-44-Chlorotoluene 5 98-06-6tert-Butylbenzene 5 95-63-61,2,4-Trimethylbenzene 5 135-98-8sec-Butylbenzene 5 99-87-64-Isopropyltoluene 5 541-73-11,3-Dichlorobenzene 5 106-46-71,4-Dichlorobenzene 5 104-51-8Butylbenzene 5 95-50-11,2-Dichlorobenzene 5 96-12-81,2-Dibromo-3-chloropropane 5 120-82-11,2,4-Trichlorobenzene 5 87-68-3	108-86-1	Bromobenzene	5 U 5 U
106-43-44-Chlorotoluene 5 98-06-6tert-Butylbenzene 5 95-63-61,2,4-Trimethylbenzene 5 135-98-8sec-Butylbenzene 5 99-87-64-Isopropyltoluene 5 541-73-11,3-Dichlorobenzene 5 106-46-71,4-Dichlorobenzene 5 104-51-8n-Butylbenzene 5 95-50-11,2-Dichlorobenzene 5 96-12-81,2-Dibromo-3-chloropropane 5 120-82-11,2,4-Trichlorobenzene 5 87-68-3	95-49-8	2-Chlorotoluene	5 U 5 U
95-63-61,2,4-Trimethylbenzene 5 135-98-8sec-Butylbenzene 5 99-87-64-Isopropyltoluene 5 541-73-11,3-Dichlorobenzene 5 106-46-71,4-Dichlorobenzene 5 104-51-8	106-43-4	4-Chlorotoluene	5 U
541-73-11,3-Dichlorobenzene 5 106-46-71,4-Dichlorobenzene 5 104-51-8	95-63-6 135-98-8	1,2,4-Trimethylbenzene	5 U 5 U
104-51-8n-Butylbenzene 5 95-50-11,2-Dichlorobenzene 5 96-12-81,2-Dibromo-3-chloropropane 5 120-82-11,2,4-Trichlorobenzene 5 87-68-3Hexachlorobutadiene 5 91-20-3Naphthalene 5	541-73-1	1,3-Dichlorobenzene	5 U
120-82-11,2,4-Trichlorobenzene 5 87-68-3Hexachlorobutadiene 5 91-20-3Naphthalene 5	95-50-1	1,2-Dichlorobenzene	5 U 5 U
	120-82-1	1,2,4-Trichlorobenzene	5 บ
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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

GW1	

Lab	Name:	MITKEM	LABORATORIES

Lab Code: MITKEM Case No.:

Contract:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-18A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6199

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm)

LOW

Dilution Factor: 1.0

Soil Aliquot Volume: ____ (uL)

Soil Extract Volume: (uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

GW1DL

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-18ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6209

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8Dichlorodifluoromethane	25 T 25 T	U
75-01-4Vinyl Chloride	190 1	
74-83-9Bromomethane	25	
75-00-3Chloroethane	25 1	
75-69-4Trichlorofluoromethane	25 1	
75-35-41,1-Dichloroethene	10 1	
67-64-1Acetone	-!	U
74-88-4Iodomethane	-1	Ū
75-15-0Carbon Disulfide	-1	Ū
75-09-2Methylene Chloride	- I Y	Ū
156-60-5trans-1,2-Dichloroethene	-	Ũ
1634-04-4Methyl tert-butyl ether	25 1	Ū
75-34-31,1-Dichloroethane	25 (
108-05-4Vinyl acetate	25 \t	
78-93-32-Butanone	25 0	
156-59-2cis-1,2-Dichloroethene	420 1	D
590-20-72,2-Dichloropropane	25 1	U
74-97-5Bromochloromethane	25 1	U
67-66-3Chloroform	25 1	U
71-55-61,1,1-Trichloroethane	25 \	U
563-58-61,1-Dichloropropene	25 (U .
56-23-5Carbon Tetrachloride	25 \t	U
107-06-21,2-Dichloroethane	25 \	
71-43-2Benzene	25 7	U
79-01-6Trichloroethene	60 1	
78-87-51,2-Dichloropropane	25 \	
74-95-3Dibromomethane	_ 25 τ	U
75-27-4Bromodichloromethane	_	U
10061-01-5cis-1,3-Dichloropropene	25 1	
108-10-14-Methyl-2-pentanone	25 \	
108-88-3Toluene	25 \	
10061-02-6trans-1,3-Dichloropropene	_ 25 \	
79-00-51,1,2-Trichloroethane	_ 25 7	Ū ·
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EPA SAMPLE NO.

GW1DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-18ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6209

Level: (low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

142-28-9	1,3-Dichloropropane		25	Τī	
	Tetrachloroethene	i		DJB	
	2-Hexanone		25		
	Dibromochloromethane		25		
	1,2-Dibromoethane		25		
	Chlorobenzene		25		
	1,1,1,2-Tetrachloroethane		25		
	Ethylbenzene		25		
	m,p-Xylene		25		
95-47-6	O-Xvlene		25		
	Xylene (Total)		25		
100-42-5	Styrene		25		
75-25-2	Bromoform		25		
98-82-8	Isopropylbenzene		25		
79-34-5	1,1,2,2-Tetrachloroethane		25		
	Bromobenzene		25		
	1,2,3-Trichloropropane		25		
103-65-1	n-Propylbenzene		25		
95-49-8	2-Chlorotoluene		25 25		-
108-67-8	1,3,5-Trimethylbenzene		25 25		
106-43-4	4-Chlorotoluene		25 25		
	tert-Butylbenzene		25		
95-63-6	1,2,4-Trimethylbenzene		25		
135_99_9	sec-Butylbenzene		25 25		
	4-Isopropyltoluene		25 25		
5/1-72-1	1,3-Dichlorobenzene		25 25		
	1,4-Dichlorobenzene		25 25		
	n-Butylbenzene		25 25		
104-31-6	1,2-Dichlorobenzene	1	25 25		
06 12 0	1,2-Dictrioroberizene		∠5 25		
120-12-0	1,2-bibromo-3-chioropropane_ 1,2,4-Trichlorobenzene		∠5 25		
120-02-1	Hexachlorobutadiene		25 25		
91-40-3	Naphthalene 1,2,3-Trichlorobenzene	3	25	-	
0/-0T-0	1,2,3-111Cilitotobelizene		25	U	
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EPA SAMPLE NO.

GW1DL	_
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T - 1-	7.T	8 6 T CTT 2 T T B 6	TADODAMODAMO
Lар	Name:	MTTKEM	LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-18ADL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID:

V6F6209

Level:

(low/med)

LOW

Date Received: 01/31/08

Date Analyzed: 02/05/08

% Moisture: not dec. _____

ID: 0.25 (mm)

Dilution Factor: 5.0

GC Column: DB-624

Number TICs found: 0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

OLM03.0

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES	GW2	_		
Lab Code: MITKEM Case No.:	SAS No.	.: SDG	No.: MG0125	
Matrix: (soil/water) WATER	en en en en en en en en en en en en en e	Lab Sample ID:	G0125-16A	
Sample wt/vol: 5.000 (g/ml	L) ML	Lab File ID:	V6F6197	
Level: (low/med) LOW		Date Received:	01/31/08	
% Moisture: not dec.		Date Analyzed:	02/04/08	
GC Column: DB-624 ID: 0.25	(mm)	Dilution Facto	r: 1.0	
Soil Extract Volume:(uL))	Soil Aliquot V	olume:	_(uL)
CAS NO. COMPOUND		NTRATION UNITS: or ug/Kg) UG/L		

75-71-8	Dichlorodifluoromethane		5 บ
74-87-3	Chloromethane	_	5 U
75-01-4	Vinyl Chloride	_	5 U
	Bromomethane		5 U
75-00-3	Chloroethane	-	5 U
75-69-4	Trichlorofluoromethane	-	5 U
75-35-4	1,1-Dichloroethene	-	5 U
67-64-1		-	5 U
74-88-4	Iodomethane	-	5 U
	Carbon Disulfide	-	5 U
	Methylene Chloride	-	5 U
156-60-5	trans-1,2-Dichloroethene	-	5 U
1634-04-4	Methyl tert-butyl ether	-	5 U
75-34-3	1,1-Dichloroethane	-	5 U 5 U
	Vinyl acetate	-	5 U
	2-Butanone	-	5 U
156-59-2	cis-1,2-Dichloroethene	-	5 U 3 J
	2,2-Dichloropropane		5 U
74-97-5	Bromochloromethane	-	5 U
67-66-3	Chloroform	-	5 U
71-55-6	1,1,1-Trichloroethane	-	5 U
563-58-6	1,1-Dichloropropene	-	5 U
56-23-5	Carbon Tetrachloride	-	5 U
107-06-2	1,2-Dichloroethane	-	5 U
71-43-2		-	5 U
	Trichloroethene	-	3 J
	1,2-Dichloropropane	-	5 ซ
	Dibromomethane	-	5 U
	Bromodichloromethane		5 U
10061-01-5	cis-1,3-Dichloropropene		5 U
108-10-1	4-Methyl-2-pentanone		5 บ
108-88-3	Toluene		5 U
	trans-1,3-Dichloropropene		5 U
	1,1,2-Trichloroethane		5 U
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FORM I VOA

OLM03.0

EPA SAMPLE NO.

GW2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-16A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V6F6197

Level:

(low/med)

Date Received: 01/31/08

% Moisture: not dec.

CAS NO.

Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	(49/1 01 49	,5,	×
142-28-9	1,3-Dichloropropane	5	Ū
127-18-4	Tetrachloroethene	370	
591-78-6		5/5	Ü
	Dibromochloromethane	5	ט
106-93-4	1,2-Dibromoethane	5	ָ ָ
108-90-7	Chlorobenzene	5	ָ ָ
	1,1,1,2-Tetrachloroethane	5	ָ ט
100-41-4	Ethylbenzene	5	Ū
	m.p-Xvlene	5	Ū
95-47-6	o-Xvlene	5	Ū
1330-20-7	Xylene (Total)	5	Ū
100-42-5	Styrene	5	Ü .
75-25-2	Bromoform	5	ט
98-82-8	Isopropylbenzene	5	Ū
79-34-5	1,1,2,2-Tetrachloroethane	5	ับ
	Bromobenzene	5	Ū
	1,2,3-Trichloropropane	5	Ü
	n-Propylbenzene	5 5 5 5	Ū
	2-Chlorotoluene	5	Ū
	1,3,5-Trimethylbenzene	5	Ū
106-43-4	4-Chlorotoluene	5	Ū
	tert-Butylbenzene	5	Ü
95-63-6	1,2,4-Trimethylbenzene	5	Ū
135-98-8	sec-Butylbenzene	5	Ū
	4-Isopropyltoluene	5	Ū
541-73-1	1,3-Dichlorobenzene	5	Ū
106-46-7	1,4-Dichlorobenzene	5	Ū
104-51-8	n-Butylbenzene		Ü
	1,2-Dichlorobenzene	5	Ū
96-12-8	1,2-Dibromo-3-chloropropane		U
120-82-1	1,2,4-Trichlorobenzene		Ū
	Hexachlorobutadiene		U .
91-20-3			U
87-61-6	1,2,3-Trichlorobenzene		Ū
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Lab	Name:		LABORATORIES	Contract:		GW2
Lab	Code:	MITKEM	Case No.:	SAS No.:	SDG No.:	MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6197

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. ____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Number TICs found: 0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER COMPOUND NAME RTEST. CONC. Q 3._ 4._ 9. 10. 11. 12. 15. 16.__ 17.__ 18._ 19.____ 20. 21. 22. 23. 24. 25. ____ 26.____ 28. 29. 30.

FORM I VOA-TIC

OLM03.0

EPA SAMPLE NO.

GW2DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-16ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6207

Level:

(low/med)

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Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 4.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

75-71-8	Dichlorodifluoromethane	20	U
	Chloromethane	20	_
	Vinyl Chloride	20	
	Bromomethane	20	
	Chloroethane	20	
75-69-4	Trichlorofluoromethane	20	
	1,1-Dichloroethene	20	
67-64-1		20	
	Iodomethane	20	
75-15-0	Carbon Disulfide	20	1
75-09-2	Methylene Chloride	20	i
156-60-5	trans-1,2-Dichloroethene	20	
1634-04-4	Methyl tert-butyl ether	20	ı
	1,1-Dichloroethane	20	
	Vinyl acetate	20	
	2-Butanone	20	
156-59-2	cis-1,2-Dichloroethene	20	
590-20-7	2,2-Dichloropropane	20	
74-97-5	Bromochloromethane	20	
67-66-3	Chloroform	20	
71-55-6	1,1,1-Trichloroethane	20	
563-58-6	1,1-Dichloropropene	20	
56-23-5	Carbon Tetrachloride	20	
	1,2-Dichloroethane	20	
71-43-2		20	
79-01-6	Trichloroethene	20	
	1,2-Dichloropropane	20	
	Dibromomethane	20	
75-27-4	Bromodichloromethane	20	
	cis-1,3-Dichloropropene	20	
	4-Methyl-2-pentanone	20	
108-88-3		20	
	trans-1,3-Dichloropropene	20	
	1,1,2-Trichloroethane	- 1	

EPA SAMPLE NO.

GW2DL

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-16ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6207

Level:

(low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

142-28-9	1,3-Dichloropropane	20	TT
	Tetrachloroethene	400	i -
	2-Hexanone	20	
	Dibromochloromethane	20	
	1,2-Dibromoethane	20	
	Chlorobenzene	20	
	1,1,1,2-Tetrachloroethane	20	
100-41-4	Ethylbenzene	20	-
	m,p-Xylene	20	1
95-47-6	o-Xvlene	20	1 -
	Xylene (Total)	20	
100-42-5	Styrene	20	
75-25-2	Bromoform	20	
98-82-8	Isopropylbenzene	20	1
79-34-5	1,1,2,2-Tetrachloroethane	20	
108-86-1	Bromobenzene	20	
	1,2,3-Trichloropropane	20	1
103-65-1	n-Propylbenzene	20	1
95-49-8	2-Chlorotoluene	20	1
	1,3,5-Trimethylbenzene	20	
106-43-4	4-Chlorotoluene	20	1
	tert-Butylbenzene	20	1
	1,2,4-Trimethylbenzene	20	_
135-98-8	sec-Butylbenzene	20	1
99-87-6	4-Isopropyltoluene	20	1
541-73-1	1,3-Dichlorobenzene	20	I.
106-46-7	1,4-Dichlorobenzene	20	
	n-Butylbenzene	20	
95-50-1	1,2-Dichlorobenzene	20	
96-12-8	1,2-Dibromo-3-chloropropane	20	
120-82-1	1,2,4-Trichlorobenzene	20	
87-68-3	Hexachlorobutadiene	20	
	Naphthalene	20	
87-61-6	1,2,3-Trichlorobenzene	20	Ü
3, 31 3		2.0	١

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

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Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-16ADL

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V6F6207

Level:

(low/med)

Date Received: 01/31/08

Date Analyzed: 02/05/08

% Moisture: not dec.

Number TICs found: 0

ID: 0.25 (mm)

Dilution Factor: 4.0

GC Column: DB-624

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q =====
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GW204S-01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

LOW

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-02A

Sample wt/vol:

5.000 (q/mL) ML

Lab File ID: V6F6195

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

75-71-8Dichlorodifluoromethane	5	U
74-87-3Chloromethane	5	U
75-01-4Vinyl Chloride	7	١٥
74-83-9Bromomethane	5	 []
75-00-3Chloroethane	5	υ
75-69-4Trichlorofluoromethane	5	TI TI
75-35-41,1-Dichloroethene	5	υ
67-64-1Acetone	5	Ū
74-88-4Iodomethane	5	Π
75-15-0Carbon Disulfide	5	υ
75-09-2Methylene Chloride	5	υ
156-60-5trans-1,2-Dichloroethene	5	U
1634-04-4Methyl tert-butyl ether	7	0
75-34-31,1-Dichloroethane	5	<u> </u>
108-05-4Vinyl acetate	5	บ
78-93-32-Butanone	5	Ü
156-59-2cis-1,2-Dichloroethene	29	
590-20-72,2-Dichloropropane	5	u
74-97-5Bromochloromethane	5	Ū
67-66-3Chloroform	10	
71-55-61,1,1-Trichloroethane	5	l u
563-58-61,1-Dichloropropene	5	Ū
56-23-5Carbon Tetrachloride	5	Ū
107-06-21,2-Dichloroethane	5	Ū
71-43-2Benzene	2	Ĵ
79-01-6Trichloroethene	2	Ĵ
78-87-51,2-Dichloropropane	5	Ū
74-95-3Dibromomethane	5	Ū
75-27-4Bromodichloromethane	5	Ū
10061-01-5cis-1,3-Dichloropropene	5	Ū
108-10-14-Methyl-2-pentanone	5	Ū
108-88-3Toluene	5	Ū
10061-02-6trans-1,3-Dichloropropene	5	บ
79-00-51,1,2-Trichloroethane	5	Ū
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EPA SAMPLE NO.

GW204S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-02A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6195

Level: (low/med) LOW

Date Received: 01/31/08

% Moisture: not dec. _____

Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

142-28-9	1,3-Dichloropropane	5	ָ ט
	Tetrachloroethene	37	
	2-Hexanone	5	Ū
124-48-1	Dibromochloromethane	5	U
106-93-4	1,2-Dibromoethane	5	U .
108-90-7	Chlorobenzene	5	U
630-20-6 -	1,1,1,2-Tetrachloroethane	5	Ū
	Ethylbenzene	5	U
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	Ū
1330-20-7	Xylene (Total)	5	U
100-42-5		- 5	ט
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	U
	1,1,2,2-Tetrachloroethane	5	U
	Bromobenzene	5	U
	1,2,3-Trichloropropane	5	U
	n-Propylbenzene	5	Ū
95-49-8	2-Chlorotoluene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
	tert-Butylbenzene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	Ŭ
	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	ט
106-46-7	1,4-Dichlorobenzene	5	ט
104-51-8	n-Butylbenzene	5	ע
	1,2-Dichlorobenzene_	5	ט
	1,2-Dibromo-3-chloropropane	5	ט
	1,2,4-Trichlorobenzene	5	ש
	Hexachlorobutadiene	5	שׁ
91-20-3	Naphthalene	5	ע -
87-61-6	1,2,3-Trichlorobenzene	5	ט

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

			GW204S-01
Lab Name:	MITKEM LABORATORIES	Contract:	 1 4
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Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6195

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
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EPA SAMPLE NO.

GW205S-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: G0125-19A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6210

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec. Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

		<u></u>	
75-71-8	Dichlorodifluoromethane	5	U
	Chloromethane	5	บ
75-01-4	Vinyl Chloride	5	Ū
	Bromomethane	5	Ū
75-00-3	Chloroethane	5	ט
	Trichlorofluoromethane	5	บ
	1,1-Dichloroethene	5	Ü
67-64-1		5	ט
	Iodomethane	5	Ū
	Carbon Disulfide	5	Ū
	Methylene Chloride	5	Ū
	trans-1,2-Dichloroethene	5	Ū
	Methyl tert-butyl ether	5	Ü
	1,1-Dichloroethane	5	Ū
	Vinyl acetate	5	Ū .
	2-Butanone	5	U
	cis-1,2-Dichloroethene	2	J
	2,2-Dichloropropane	5	U
	Bromochloromethane	5	U
	Chloroform	5	Ū
71-55-6	1,1,1-Trichloroethane	5	U
	1,1-Dichloropropene	5	Ü
56-23-5	Carbon Tetrachloride	5	Ū
	1,2-Dichloroethane	5	Ū
71-43-2	· · · · · · · · · · · · · · · · · · ·	5	Ū.
79-01-6	Trichloroethene	5	Ū
	1,2-Dichloropropane	5	Ū
	Dibromomethane	5	Ū
	Bromodichloromethane	5	Ū
	cis-1,3-Dichloropropene	5	Ū
	4-Methyl-2-pentanone	5	Ū
108-88-3		. 5	<u>υ</u>
	trans-1,3-Dichloropropene	5	Ŭ
	1,1,2-Trichloroethane	5	Ū ·

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EPA SAMPLE NO.

GW205S-01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-19A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6210

Level:

(low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ___ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

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142-28-9	1,3-Dichloropropane	5	ט פ
	Tetrachloroethene		
	2-Hexanone	5	שו
	Dibromochloromethane		
106-93-4	1.2-Dibromoethane	55	ָּט [ְ]
108-90-7	1,2-Dibromoethane		ען
630-20-6	1,1,1,2-Tetrachloroethane	5	ָּט [ְ]
100-41-4	Ethylbenzene	5	ָ ט
	m,p-Xylene	5	Ū
95-47-6			
1330-20-7	Xylene (Total)	5 5 5 5	ָ ער
100-42-5	Styrene		ט
75-25-2	Bromoform		ט
98-82-8	Isopropylbenzene	5	Ū
79-34-5	1,1,2,2-Tetrachloroethane	5	Ū
	Bromobenzene	5	บี
	1,2,3-Trichloropropane_	5	บี
103-65-1	n-Propylbenzene	5	Ü
95-49-8	2-Chlorotoluene	5	Ū
108-67-8	1,3,5-Trimethylbenzene		ט
106-43-4	4-Chlorotoluene		ΰ
	tert-Butylbenzene	5 5 5 5	ָט ע
95-63-6	1,2,4-Trimethylbenzene	5	บ็
135-98-8	sec-Butylbenzene		Ū
	4-Isopropyltoluene	5	ט
541-73-1	1,3-Dichlorobenzene	5	Ü
106-46-7	1,4-Dichlorobenzene]	Ü
	n-Butylbenzene)	ט
	1,2-Dichlorobenzene	5	υ
96-12-8	1,2-Dibromo-3-chloropropane	5	<u>"</u>
120-82-1	1,2,4-Trichlorobenzene	5	
	Hexachlorobutadiene	5	
91-20-3	Naphthalene	5	
87-61-6	1,2,3-Trichlorobenzene	5	
0, 01 0	1,2,3 1110111010001120110)	
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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM LABORATORIES

Contract:

GW205S-01

Lab Code: MITKEM Case No.:

LOW:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-19A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID:

V6F6210

Level: (low/med)

Date Received: 01/31/08

% Moisture: not dec.

Number TICs found: 0

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	
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Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

% Moisture: not dec.

Lab Sample ID: G0125-28A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6206

Level: (low/med) LOW Date Received: 01/31/08

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

75-71-8	Dichlorodifluoromethane	5 U	
74-87-3	Chloromethane	5 U	
75-01-4	Vinyl Chloride	5 U	
	Bromomethane	5 U	
75-00-3	Chloroethane	5 ט	
75-69-4	Trichlorofluoromethane	์ 5 บ	
75-35-4	1,1-Dichloroethene	5 U	
67-64-1		5 U	
74-88-4	Iodomethane	5 U	
75-15-0	Carbon Disulfide	5 U	
75-09-2	Methylene Chloride	5 U	
156-60-5	trans-1,2-Dichloroethene	5 U	
1634-04-4	Methyl tert-butyl ether	5 U	
75-34-3	1,1-Dichloroethane	5 U	
	Vinyl acetate	5 U	
	2-Butanone	5 บั	
156-59-2	cis-1,2-Dichloroethene	5 บั	
590-20-7	2,2-Dichloropropane	5 U	
	Bromochloromethane	5 U	
67-66-3	Chloroform	5 U	
71-55-6	1,1,1-Trichloroethane	5 U	
563-58-6	1,1-Dichloropropene	5 U	
56-23-5	Carbon Tetrachloride	5 U	
107-06-2	1,2-Dichloroethane	5 U	
71-43-2		5 U	
79-01-6	Trichloroethene	5 U	
78-87-5	1,2-Dichloropropane	5 U	
74-95-3	Dibromomethane	5 U	
75-27-4	Bromodichloromethane	5 U	
	cis-1,3-Dichloropropene	5 U 5 U	
	4-Methyl-2-pentanone	5 U	
108-88-3		5 U	
	trans-1,3-Dichloropropene	5 U	
	1,1,2-Trichloroethane	5 U	}
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EPA SAMPLE NO.

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Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-28A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6F6206

Level: (low/med) LOW Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

		
142-28-91,3-Dichloropropane	- 5	. ט
127-18-4Tetrachloroethene	5	Ū
591-78-62-Hexanone	5	U
124-48-1Dibromochloromethane	5	Ū
106-93-41,2-Dibromoethane	5	ן מן
108-90-7Chlorobenzene	5	U
630-20-61,1,1,2-Tetrachloroethane	5	υ
100-41-4Ethylbenzene	5	U
m,p-Xylene	5	U
95-47-6o-Xylene	5	U
1330-20-7Xylene (Total)	5	ט
100-42-5Styrene	5	U
75-25-2Bromoform	5	U
98-82-8Isopropylbenzene	5	U
79-34-51,1,2,2-Tetrachloroethane	5	U
108-86-1Bromobenzene	5	U
96-18-41,2,3-Trichloropropane	5	U
103-65-1n-Propylbenzene	5	ש
95-49-82-Chlorotoluene	5	U
108-67-81,3,5-Trimethylbenzene	5	ן ט
106-43-44-Chlorotoluene	5	U
98-06-6tert-Butylbenzene_	5	U
95-63-61,2,4-Trimethylbenzene	5	U
135-98-8sec-Butylbenzene	5	ע
99-87-64-Isopropyltoluene	5 5	U
541-73-11,3-Dichlorobenzene	5	Ū
106-46-71,4-Dichlorobenzene	5	Ū
104-51-8n-Butylbenzene	5 5	U
95-50-11,2-Dichlorobenzene	5	Ū
96-12-81,2-Dibromo-3-chloropropane	5	U
120-82-11,2,4-Trichlorobenzene	5 ⁻	Ŭ .
87-68-3Hexachlorobutadiene	5.	U
91-20-3Naphthalene	5	ַ ע
87-61-61,2,3-Trichlorobenzene	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

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Lab Name: MITKEM LABORAT	TORTES
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Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix: (soil/water) WATER

Lab Sample ID: G0125-28A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6F6206

Level:

(low/med)

LOW

Date Received: 01/31/08

% Moisture: not dec.

Date Analyzed: 02/05/08

GC Column: DB-624

ID: 0.25

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Number TICs found: 0

Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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29				

EPA SAMPLE NO.

Lab Name: MITKEM LAB	ORATORIES	Contract:	VIDLES
Lab Code: MITKEM	Case No.:	SAS No.: SD	G No.: MG0125
Matrix: (soil/water)	SOIL	Lab Sample ID	: LCS-34670
Sample wt/vol:	5.0 (g/mL) G	Lab File ID:	V1J3814
Level: (low/med)	LOW	Date Received	l:
% Moisture: not dec.		Date Analyzed	: 01/31/08
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fact	or: 1.0
Soil Extract Volume:	(mL)	Soil Aliquot	Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/	-

			1
75-71-8	Dichlorodifluoromethane	45	
	Chloromethane	43	ļ
75-01-4	Vinyl Chloride	46	
	Bromomethane	44	
75-00-3	Chloroethane	44	
75-69-4	Trichlorofluoromethane	44	
75-35-4	1,1-Dichloroethene	46	
67-64-1	Acetone	38	B
74-88-4		44	
75-15-0	Carbon Disulfide	43	
75-09-2	Methylene Chloride	45	
	trans-1,2-Dichloroethene	46	
	Methyl tert-butyl ether	44	
	1,1-Dichloroethane	46	
	Vinyl acetate	48	·
78-93-3		40	
	cis-1,2-Dichloroethene	45	
	2,2-Dichloropropane	44	
	Bromochloromethane	45	
67-66-3	Chloroform	45	
71-55-6	1,1,1-Trichloroethane	47	
	1,1-Dichloropropene	46	
	Carbon Tetrachloride	47	ļ
107-06-2	1,2-Dichloroethane	46	
71-43-2		46	
79-01-6	Trichloroethene	47	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	47	
75-27-4	Bromodichloromethane	46	
	cis-1,3-Dichloropropene	47	1
	4-Methyl-2-pentanone	44	7
108-88-3		46	
	trans-1,3-Dichloropropene	48	
	1,1,2-Trichloroethane		l

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES	Contract: V1DLCS
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: MG0125
Matrix: (soil/water) SOIL	Lab Sample ID: LCS-34670
Sample wt/vol: 5.0 (g/m	L) G Lab File ID: V1J3814
Level: (low/med) LOW	Date Received:
% Moisture: not dec.	Date Analyzed: 01/31/08
GC Column: DB-624 ID: 0.25	(mm) Dilution Factor: 1.0
Soil Extract Volume:(mI	Soil Aliquot Volume:(uL
CAS NO. COMPOUNE	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q
142-28-91,3-Dich 127-18-4Tetrachl 591-78-62-Hexand 124-48-1Dibromod 106-93-41,2-Dibr 108-90-7Chlorobe 630-20-61,1,1,2- 100-41-4Ethylben 	10 10 10 10 10 10 10 10
91-20-3Naphthal 87-61-61,2,3-Tr	ene 49

EPA SAMPLE NO.

	TIDI CCD	
Lab Name: MITKEM LABORATORIES	Contract: V1DLCSD	
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: MG0125	
Matrix: (soil/water) SOIL	Lab Sample ID: LCSD-34670	
Sample wt/vol: $5.0 (g/mL) G$	Lab File ID: V1J3815	
Level: (low/med) LOW	Date Received:	
% Moisture: not dec	Date Analyzed: 01/31/08	
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 1.0	
Soil Extract Volume:(mL)	Soil Aliquot Volume:(uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q	
75-71-8	## ## ## ## ## ## ## ## ## ## ## ## ##	

56-23-5-----Carbon Tetrachloride

107-06-2----1,2-Dichloroethane

78-87-5----1,2-Dichloropropane

75-27-4-----Bromodichloromethane

108-10-1-----4-Methyl-2-pentanone

10061-01-5----cis-1,3-Dichloropropene

10061-02-6----trans-1,3-Dichloropropene 79-00-5-----1,1,2-Trichloroethane

79-01-6----Trichloroethene

74-95-3-----Dibromomethane

71-43-2----Benzene

108-88-3-----Toluene

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EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125 Matrix: (soil/water) SOIL Lab Sample ID: LCSD-34670 Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3815 Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 01/31/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (u	V1DLCSD
Matrix: (soil/water) SOIL Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3815 Level: (low/med) LOW Date Received: Moisture: not dec Date Analyzed: 01/31/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0	ATORIES Contract:
Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3815 Level: (low/med) LOW Date Received: % Moisture: not dec Date Analyzed: 01/31/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0	se No.: SAS No.: SDG No.: MG0125
Level: (low/med) LOW Date Received: % Moisture: not dec Date Analyzed: 01/31/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0	OIL Lab Sample ID: LCSD-34670
% Moisture: not dec Date Analyzed: 01/31/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0	5.0 (g/mL) G Lab File ID: V1J3815
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0	OW Date Received:
	Date Analyzed: 01/31/08
Soil Extract Volume:(mL) Soil Aliquot Volume:(u	D: 0.25 (mm) Dilution Factor: 1.0
	(mL) Soil Aliquot Volume:(uL)
CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q	***
142-28-91, 3-Dichloropropane 49 127-18-4	-Tetrachloroethene

EPA SAMPLE NO.

Lab Name: MITKEM LAB	ORATORIES Cont	ract:	V1ELCS	
Lab Code: MITKEM	Case No.: SA	S No.: SDO	G No.: MG0125	— !
Matrix: (soil/water)	•	Lab Sample ID		
Sample wt/vol:	5.0 (g/mL) G	Lab File ID:	V1J3844	
Level: (low/med)	LOW	Date Received	:	
% Moisture: not dec.	· .	Date Analyzed	: 02/01/08	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(mL)	Soil Aliquot V	Volume:	_(uL)
CAS NO.		ONCENTRATION UNITS ug/L or ug/Kg) UG/I		
74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 74-88-4 75-15-0 75-09-2 156-60-5 1634-04-4 75-34-3 108-05-4 74-97-5 563-58-6 56-23-5 107-06-2 71-43-2 79-01-6 78-87-5 74-95-3 1061-01-5 108-10-1	IodomethaneCarbon DisulfideMethylene ChlorideHethylene ChlorideTrans-1,2-DichloroeMethyl tert-butyl e1,1-DichloroethaneVinyl acetate2-ButanoneCis-1,2-Dichloroeth2,2-DichloropropaneBromochloromethaneChloroform1,1-Trichloroethe1,1-DichloropropeneCarbon Tetrachlorid1,2-DichloroethaneBenzeneTrichloroethene1,2-DichloropropaneDibromomethaneDibromomethaneBromodichloromethareCis-1,3-Dichloropropane	nane ethene ether nene ether nene e	41 39 42 43 44 43 36 B 40 42 46 B 41 43 42 43 37 41 42 42 41 41 42 41 42 41 42 43 43 42 41 43 44 43 44 43 44 43 44 43 44 43 44 45 46 47 48 48 49 40 40 41 42 41 42 43 44 45 46 47 48 48 49 40 40 40 40 40 40 40 40 40 40	
	Toluene trans-1,3-Dichlorop		41 42	

EPA SAMPLE NO.

				V1	LELCS	
Lab Name: MITKEM LAE	BORATORIES	Contract:			· · · · · · · · · · · · · · · · · · ·	
Lab Code: MITKEM	Case No.:	SAS No.:	SDO	No.:	MG0125	
Matrix: (soil/water)	SOIL	Lak	Sample ID:	LCS-3	34673	
Sample wt/vol:	5.0 (g/mL) G	Lak	File ID:	V1J38	344	
Level: (low/med)	LOW	Dat	ce Received:			
% Moisture: not dec.		Dat	e Analyzed:	02/01	L/08	
GC Column: DB-624	ID: 0.25 (mm)	Dil	lution Facto	r: 1.0)	
Soil Extract Volume:	(mL)	Soi	il Aliquot V	olume:		(uL)
CAS NO.	COMPOUND		ATION UNITS: ug/Kg) UG/K		Q	
127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 130-20-7 130-20-7 100-42-5 98-82-8 98-82-8 108-86-1 96-18-4 95-49-8 108-67-8 106-43-4 95-63-6 135-98-8 99-87-6 106-46-7	Xylene (Total Styrene_	methane hane chloroethane chlor		42 40 38 40 41 41 41 120 42 43 42 40 40 41 40 41 41 41 41 41 41 41 41 41 41 41 41 41		
96-12-8 120-82-1 87-68-3 91-20-3	1,2-Dichlorob 1,2-Dibromo-3 1,2,4-Trichlo Hexachlorobut Naphthalene 1,2,3-Trichlo	-chloropropar robenzene adiene	ne	40 40 42 41 41 42		
1	_,_,_		—— I		1	

EPA SAMPLE NO.

Lab Name: MITKEM LAB	ORATORIES	Contract:	.		LCS	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG	No.: M	G0125	
Matrix: (soil/water)	WATER	Lab Sa	ample ID:	LCS-34	640	
Sample wt/vol:	5.000 (g/mL) ML	Lab F	ile ID:	V6F618	3	
Level: (low/med)	LOW	Date 1	Received:			
% Moisture: not dec.		Date 2	Analyzed:	02/04/	08	
GC Column: DB-624	ID: 0.25 (mm)	Dilut	ion Facto	r: 1.0		
Soil Extract Volume:	(uL)	Soil 2	Aliquot V	olume:		(uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug			Q	
74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 74-88-4 75-15-0 75-09-2 156-60-5 108-05-4 78-93-3 156-59-2 590-20-7 74-97-5 71-55-6 563-58-6	DichlorodifluctionChloromethaneVinyl ChlorideBromomethaneChloroethaneTrichlorofluor1,1-DichloroetAcetoneIodomethaneCarbon DisulfiMethylene Chloromethylene ChlorofluorVinyl acetate2-Butanonecis-1,2-Dichloroet2,2-DichloroprBromochlorometChloroform1,1-TrichloroprCarbon Tetrach	romethane chene de oride nloroethene chane chane croethene chane croethane croethane croethane		33 548 549 551 563 554 554 555 554 555 555 556 557 557 558 558 558 558 558 558		

107-06-2----1,2-Dichloroethane

78-87-5-----1,2-Dichloropropane

75-27-4-----Bromodichloromethane

108-10-1-----4-Methyl-2-pentanone

79-00-5----1,1,2-Trichloroethane

10061-01-5----cis-1,3-Dichloropropene

10061-02-6----trans-1,3-Dichloropropene

79-01-6-----Trichloroethene

74-95-3-----Dibromomethane

71-43-2----Benzene

108-88-3-----Toluene

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EPA SAMPLE NO.

Lab Name: MITKEM LAB	ORATORIES	Contract:		V6ILCS	
Lab Code: MITKEM	Case No.:	SAS No.	: SDC	G No.: MG01	25
Matrix: (soil/water)	WATER		Lab Sample ID	: LCS-34640	
Sample wt/vol:	5.000 (g/mL) ML		Lab File ID:	V6F6183	
Level: (low/med)	LOW		Date Received		
% Moisture: not dec.			Date Analyzed	: 02/04/08	
GC Column: DB-624	ID: 0.25 (mm)		Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)		Soil Aliquot V	Volume:	(uL)
CAS NO.	COMPOUND		TRATION UNITS or ug/Kg) UG/1		
127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 130-20-7 100-42-5 98-82-8 79-34-5 108-86-1 96-18-4 103-65-1 95-49-8 108-67-8 108-67-8 106-43-4 95-63-6 135-98-8 135-98-8 106-46-7	Dibromochloror1,2-DibromoethChlorobenzene1,1,1,2-TetracEthylbenzenem,p-XyleneO-XyleneXylene (Total)	methane hane chloroetha chloroetha chloroetha ropropane ne ne ylbenzene ene luene enzene enzene enzene		51 43 39 52 49 48 49 44 92 47 140 48 57 45 49 47 51 42 44 45 46 43 45 41 42 45 45 45 45 46 47 48 48 49 40 40 40 40 40 40 40 40 40 40	

95-50-1-----1,2-Dichlorobenzene

87-68-3-----Hexachlorobutadiene

91-20-3-----Naphthalene

120-82-1----1,2,4-Trichlorobenzene

87-61-6----1,2,3-Trichlorobenzene

96-12-8----1,2-Dibromo-3-chloropropane

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EPA SAMPLE NO.

Lab Name: MITKEM LAB	ORATORTES (Contract.		Vé	JLCS	
Lab Code: MITKEM			apa -	NT-	MGO10F	I
Lab Code: MIIREM	case no.:	DAD NO.:	SDG	NO.:	MG0125	
Matrix: (soil/water)	WATER	Lab Sam	ple ID:	LCS-3	34730	
Sample wt/vol:	5.000 (g/mL) ML	Lab File	e ID:	V6F62	203	
Level: (low/med)	LOW	Date Red	ceived:		· 	
% Moisture: not dec.		Date Ana	alyzed:	02/05	5/08	
GC Column: DB-624	ID: 0.25 (mm)	Dilution	n Facto:	r: 1.0)	
Soil Extract Volume:	(uL)	Soil Al:	iquot Va	olume:		(uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/K	UNITS:		Q	
74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 74-88-4 75-15-0 75-09-2 156-60-5 1634-04-4 75-34-3 108-05-4 78-93-3 156-59-2 590-20-7 74-97-5	IodomethaneCarbon DisulficMethylene Chlortrans-1,2-DichlorMethyl tert-but1,1-DichloroethVinyl acetate2-Butanonecis-1,2-DichloroproBromochloromethChloroform	omethane hene de ride loroethene tyl ether hane roethene opane hane		48 43 46 47 42 58 47 57 45 44 45 46 42 46 42 46 42 46		
71-55-6 563-58-6 56-23-5 107-06-2 71-43-2 79-01-6 78-87-5 74-95-3 10061-01-5 108-88-3 10061-02-6	1,1,1-Trichlord1,1-DichloroproCarbon Tetrachloroeth1,2-DichloroetheneTrichloroetheneDibromomethaneBromodichloromecis-1,3-Dichloroethene	opene loride hane e opane ethane ropropene tanone loropropene		45 41 45 49 41 44 46 44 46 43 45 43		

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES	Contract:	V6JLCS
Lab Code: MITKEM Case No.:	SAS No.: SDO	3 No.: MG0125
Matrix: (soil/water) WATER	Lab Sample ID:	LCS-34730
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID:	V6F6203
Level: (low/med) LOW	Date Received:	
% Moisture: not dec	Date Analyzed:	02/05/08
GC Column: DB-624 ID: 0.25 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:(uL)	Soil Aliquot V	Volume:(uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I	

142-28-91,3-Dichloropropane	47	
127-18-4Tetrachloroethene	47	\overline{B}
591-78-62-Hexanone	40	_
124-48-1Dibromochloromethane	48	
106-93-41,2-Dibromoethane	44	
108-90-7Chlorobenzene	46	
630-20-61,1,1,2-Tetrachloroethane	47	
100-41-4Ethylbenzene	44	
m,p-Xylene	92	
95-47-6o-Xylene	45	
1330-20-7Xylene (Total)	140	
100-42-5Styrene	46	
75-25-2Bromoform	52	
98-82-8Isopropylbenzene	46	
79-34-51,1,2,2-Tetrachloroethane	47	
108-86-1Bromobenzene	46	
96-18-41,2,3-Trichloropropane	50	
103-65-1n-Propylbenzene	45	
95-49-82-Chlorotoluene	45	
108-67-81,3,5-Trimethylbenzene	48	
106-43-44-Chlorotoluene	46	
98-06-6tert-Butylbenzene	48	
95-63-61,2,4-Trimethylbenzene	47	
135-98-8sec-Butylbenzene	47	
99-87-64-Isopropyltoluene	47	
541-73-11,3-Dichlorobenzene	46	
106-46-71,4-Dichlorobenzene	47	
104-51-8n-Butylbenzene	48	
95-50-11,2-Dichlorobenzene	47	
96-12-81,2-Dibromo-3-chloropropane	47	
120-82-11,2,4-Trichlorobenzene	45	
87-68-3Hexachlorobutadiene	50	
91-20-3Naphthalene	34	
87-61-61,2,3-Trichlorobenzene	44	

FORM I VOA

OLM03.0

EPA SAMPLE NO.

Lab Na	me: MITKEM LA	BORATORIES C	ontract:	7	76JLCSD
Lab Co	de: MITKEM	Case No.:	SAS No.:	SDG No.:	MG0125
Matrix	: (soil/water) WATER	Lab Sampl	le ID: LCSI	0-34730
Sample	wt/vol:	5.000 (g/mL) ML	Lab File	ID: V6F6	5204
Level:	(low/med)	LOW	Date Rece	eived:	
% Mois	ture: not dec	·	Date Anal	Lyzed: 02/0	05/08
GC Col	umn: DB-624	ID: 0.25 (mm)	Dilution	Factor: 1.	0 -
Soil E	xtract Volume	:(uL)	Soil Alic	quot Volume	e:(uL)
,	CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg)		Q v
	74-87-3 75-01-4 75-01-4 75-00-3 75-69-4 75-35-4 74-88-4 75-15-0 75-09-2 156-60-5 1634-04-4 75-34-3 108-05-4 74-97-5 563-58-6 563-58-6 563-58-6 71-43-2 79-01-6 78-87-5 74-95-3 75-27-4 108-10-1 108-88-3	IodomethaneCarbon DisulfideMethylene Chlortrans-1,2-DichlorMethyl tert-buty1,1-DichloroetheVinyl acetate2-Butanonecis-1,2-DichloropropBromochlorometheChloroform1,1-Trichloroethe1,2-DichloropropCarbon Tetrachlor1,2-Dichloroethe1,2-DichloropropBenzeneTrichloroethene1,2-DichloropropDibromomethaneBromodichlorometheneTrichloroetheneToluene	methane ene eide proethene yl ether ane ethane ethane pene pride ane chane chane chane chane chane chane	20 37 37 41 37 38 42 43 40 45 41 43 44 43 44 43 44 47 46 43 47 46 43 47 40	
		trans-1 <mark>,3-Dichlo</mark> 1,1,2-Trichloroe		46 45	

EPA SAMPLE NO.

	V6JLCSD
Lab Name: MITKEM LABORATORIES	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: MG0125
Matrix: (soil/water) WATER	Lab Sample ID: LCSD-34730
Sample wt/vol: 5.000 (g/mL) N	Lab File ID: V6F6204
Level: (low/med) LOW	Date Received:
% Moisture: not dec.	Date Analyzed: 02/05/08
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 1.0
Soil Extract Volume:(uL)	Soil Aliquot Volume:(uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
142-28-91,3-Dichloro 127-18-4Tetrachloro 591-78-62-Hexanone 124-48-1Dibromochlor 106-93-41,2-Dibromoc 108-90-7Chlorobenzer 630-20-61,1,1,2-Tetr	thene 40 B comethane 49 thane 47 ne 44

	127 10 1 10014011101000110110	1 ~~	םן
	591-78-62-Hexanone	42	
	124-48-1Dibromochloromethane	49	
	106-93-41,2-Dibromoethane	47	
	108-90-7Chlorobenzene	44	
ĺ	630-20-61,1,1,2-Tetrachloroethane	46	
	100-41-4Ethylbenzene	40	
	m,p-Xylene	84	
	95-47-6o-Xylene	43	
	1330-20-7Xylene (Total)	130	
	100-42-5Styrene	44	
	75-25-2Bromoform	52	
1	98-82-8Isopropylbenzene_	40	
	79-34-51,1,2,2-Tetrachloroethane	51	
I	108-86-1Bromobenzene	44	
	96-18-41,2,3-Trichloropropane	52	
	103-65-1n-Propylbenzene	39	
	95-49-82-Chlorotoluene	41	
	108-67-81,3,5-Trimethylbenzene_	42	
	106-43-44-Chlorotoluene	43	
1	98-06-6tert-Butylbenzene	41	-
ı	95-63-61,2,4-Trimethylbenzene	43	
ı	135-98-8sec-Butylbenzene	38	
	99-87-64-Isopropyltoluene	39	-
1	541-73-11,3-Dichlorobenzene	42	
1	106-46-71,4-Dichlorobenzene	44	
Ì	104-51-8n-Butylbenzene	38	
l	95-50-11,2-Dichlorobenzene	46	
l	96-12-81,2-Dibromo-3-chloropropane	<u> </u>	
	120-82-11,2,4-Trichlorobenzene	43	
1	87-68-3Hexachlorobutadiene	37	
١	91-20-3Naphthalene	41	
1	87-61-61,2,3-Trichlorobenzene	46	
١		<u> </u>	

EPA SAMPLE NO.

V6KLCS Lab Name: MITKEM LABORATORIES Contract: Case No.: SAS No.: SDG No.: MG0125 Lab Code: MITKEM Lab Sample ID: LCS-34767 Matrix: (soil/water) WATER 5.000 (g/mL) ML Lab File ID: Sample wt/vol: V6F6224 Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 02/06/08 Dilution Factor: 1.0 GC Column: DB-624 ID: 0.25 (mm) Soil Aliquot Volume: ____(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

COMPOUND Q CAS NO. 75-71-8-----Dichlorodifluoromethane 52 74-87-3-----Chloromethane 44 75-01-4-----Vinyl Chloride_ 48 74-83-9-----Bromomethane 46 75-00-3-----Chloroethane 44 75-69-4-----Trichlorofluoromethane 63 75-35-4----1,1-Dichloroethene 49 67-64-1-----Acetone 56 74-88-4-----Iodomethane 47 75-15-0-----Carbon Disulfide 49 75-09-2-----Methylene Chloride 48 156-60-5----trans-1,2-Dichloroethene 45 51 1634-04-4----Methyl tert-butyl ether 75-34-3-----1,1-Dichloroethane 49 108-05-4-----Vinyl acetate 50 78-93-3----2-Butanone 52 156-59-2----cis-1,2-Dichloroethene 45 590-20-7----2,2-Dichloropropane 50 74-97-5-----Bromochloromethane 46 67-66-3-----Chloroform 50 71-55-6----1,1,1-Trichloroethane 49 563-58-6----1,1-Dichloropropene 43 56-23-5-----Carbon Tetrachloride 50 107-06-2----1,2-Dichloroethane 54 71-43-2----Benzene 46 79-01-6-----Trichloroethene 43 78-87-5----1,2-Dichloropropane 49 74-95-3-----Dibromomethane 49 75-27-4-----Bromodichloromethane 52 10061-01-5----cis-1,3-Dichloropropene 47 108-10-1----4-Methyl-2-pentanone 46 108-88-3-----Toluene 46 10061-02-6----trans-1,3-Dichloropropene 50 79-00-5----1,1,2-Trichloroethane 47

FORM I VOA

OLM03.0

EPA SAMPLE NO.

Lab Name: MITKEM LABO	DRATORIES	V6KLCS Contract:	
Lab Code: MITKEM	Case No.:	SAS No.: SDG No.: MG012	5
Matrix: (soil/water)	WATER	Lab Sample ID: LCS-34767	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID: V6F6224	
Level: (low/med)	LOW	Date Received:	
% Moisture: not dec.		Date Analyzed: 02/06/08	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

142-28-91,3-Dichloropropane	53	
127-18-4Tetrachloroethene	52 52	B
591-78-62-Hexanone	. 47	4
124-48-1Dibromochloromethane		
	55	
106-93-41,2-Dibromoethane	49	
108-90-7Chlorobenzene	49	
630-20-61,1,1,2-Tetrachloroethane	51	
100-41-4Ethylbenzene	47	
m,p-Xylene	97	
95-47-6o-Xylene	48	
1330-20-7Xylene (Total)	140	
100-42-5Styrene	49	
75-25-2Bromoform	61	
98-82-8Isopropylbenzene	49	
79-34-51,1,2,2-Tetrachloroethane	54	
108-86-1Bromobenzene	50	
96-18-41,2,3-Trichloropropane	58	
103-65-1n-Propylbenzene	48	
95-49-82-Chlorotoluene	48	
108-67-81,3,5-Trimethylbenzene	50	
106-43-44-Chlorotoluene	50	
98-06-6tert-Butylbenzene	50	
95-63-61,2,4-Trimethylbenzene	50	
135-98-8sec-Butylbenzene	50	
99-87-64-Isopropyltoluene	49	
541-73-11,3-Dichlorobenzene	48	
106-46-71,4-Dichlorobenzene	49	
104-51-8n-Butylbenzene	50	
95-50-11,2-Dichlorobenzene	51	
96-12-81,2-Dibromo-3-chloropropane	59	
120-82-11,2,4-Trichlorobenzene	48	
87-68-3Hexachlorobutadiene	55	
91-20-3Naphthalene	39	
87-61-61,2,3-Trichlorobenzene		
0/-01-01,2,3-111ClittOfODeliZelle	49	

EPA SAMPLE NO.

Lab Name:	: MITKEM LABO	DRATORIES	Contract			V6	MLCS	
Lab Code:	: MITKEM (Case No.:	SAS No	.:	SDG 1	No.:	MG0125	
Matrix:	(soil/water)	WATER	· ·	Lab Sample	ID:	LCS-3	4798	
Sample wt	t/vol:	5.000 (g/mL) ML	÷	Lab File I	.D: '	V6F62	65	
Level:	(low/med)	LOW		Date Recei	.ved:			
% Moistu	re: not dec.	·		Date Analy	zed:	02/08	/08	
GC Column	n: DB-624	ID: 0.25 (mm)		Dilution F	actor	: 1.0		
Soil Extı	ract Volume:	(uL)		Soil Aliqu	ot Vo	lume:		(uL)
CZ	AS NO.	COMPOUND		NTRATION UN or ug/Kg)			Q	
74 75 74	4-87-3 5-01-4 4-83-9	Dichlorodifluo Chloromethane Vinyl Chloride Bromomethane Chloroethane		2		50 44 46 47 43		
75 75 67 74	5-69-4 5-35-4 7-64-1 4-88-4 5-15-0	Trichlorofluor 1,1-Dichloroet	hene			63 48 54 45 49 46		
15 16 75 10 78	56-60-5 634-04-4 5-34-3 08-05-4 3-93-3	trans-1,2-Dich Methyl tert-bu 1,1-Dichloroet Vinyl acetate 2-Butanone cis-1,2-Dichlo	loroether tyl ether hane			42 46 47 48 45		
59 74 67 71	90-20-7 1-97-5 7-66-3 1-55-6	2,2-Dichloropr Bromochloromet Chloroform 1,1,1-Trichlor	opanehane			42 48 41 48 46		
56 10 71	5-23-5 07-06-2 1-43-2	1,1-Dichloropr Carbon Tetrach 1,2-Dichloroet Benzene Trichloroethen	loride hane			40 46 53 44 39		
78 74 75	3-87-5 1-95-3 5-27-4	1,2-Dichloropr Dibromomethane Bromodichlorom	opane			46 46 48		
10 10 10	08-10-1 08-88-3 0061-02-6	cis-1,3-Dichlo 4-Methyl-2-pen Toluene trans-1,3-Dich	tanone loroprope			43 41 43 46		
1 / 5	ッーいい~ ツーーー・・ ~		CELUATIO	l l		44	Į.	

EPA SAMPLE NO.

Lab Name: MITKEM LAB	ORATORIES C	Contract:	V6MLCS
Lab Code: MITKEM	Case No.:	SAS No.: SDO	G No.: MG0125
Matrix: (soil/water)	WATER	Lab Sample ID	: LCS-34798
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6F6265
Level: (low/med)	LOW	Date Received	:
% Moisture: not dec.	·	Date Analyzed	: 02/08/08
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot V	Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/I	

			₁
142-28-9	1,3-Dichloropropane	50	
	Tetrachloroethene	48 B	-
	2-Hexanone	40	ŀ
	Dibromochloromethane	49	-
	1,2-Dibromoethane	45	
	Chlorobenzene	46	-
	1,1,1,2-Tetrachloroethane	47	-
	Ethylbenzene	44	-
	m,p-Xylene	92	
95-47-6	o-Xylene	46	-
	Xylene (Total)	140	
100-42-5		46	-
75-25-2	Bromoform	55	-
98-82-8	Isopropylbenzene	46	-
79-34-5	1,1,2,2-Tetrachloroethane	48	
108-86-1	Bromobenzene	46	-1
	1,2,3-Trichloropropane	51	_
	n-Propylbenzene	44	_
	2-Chlorotoluene	44	_
	1,3,5-Trimethylbenzene	47	
	4-Chlorotoluene	46	-
	tert-Butylbenzene	46	_
	1,2,4-Trimethylbenzene	46	
	sec-Butylbenzene	47	-
99-87-6	4-Isopropyltoluene	46	_
	1,3-Dichlorobenzene	45	-
	1,4-Dichlorobenzene	46	_
	n-Butylbenzene	48	
	1,2-Dichlorobenzene	47	-
	1,2-Dibromo-3-chloropropane_	49	-
	1,2,4-Trichlorobenzene	44	-
	Hexachlorobutadiene	54	_
	Naphthalene	33	_
87-61-6	1,2,3-Trichlorobenzene	45	_
			_

FORM I VOA

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WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

	EPA	SMC1	SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	#	(DCE)#	(TOL)#	(BFB)#	OUT
	==========	======	======	======		===
01	VBLK6I	110	104	93	99	lol
02	V6ILCS	110	106	94	105	اة
03	GP7-GW1	112	105	94	102	اما
04	GW204S-01	112	106	94	100	ol
05		114	104	94	99	ol
06	GW2	114	107	95	100	0
07	GP1-GW1	112	104	94	101	0
08	GW1	113	106	93	100	0
09	VBLK6J	106	102	105	95	0
10	V6JLCS	103	105	104	100	0
11	V6JLCSD	103	109	104	100	0
12	TRIPBLANK	106	103	105	95	0
13	GW2DL	105	105	105	95	0
14	GP1-GW1DL	105	103	106	94	0
15	GW1DL	106	103	.105	93	0
16	GW205S-01	108	103	106	95	0
17	GP2-GW1	105	100	104	100	0
18	GP2-GW10	102	100	107	98	0
19	VBLK6K	108	104	104	93	0
20	V6KLCS	106	109	104	100	0
21	GP6-GW1	107	104	104	97	0
22	GP10-GW1	109	106	106	96	0
23	GP12-GW1	109	105	107	95	0
24	GP11-GW1	109	106	105	94	0
25	GP2-GW1DL	110	103	106	94	0
26	GP3-GW1	109	104	107	96	0
27	GP9-GW1	110	104	108	93	0
28	VBLK6M	109	103	108	94	0
29	V6MLCS	105 108	107	106 108	103	0
30	GP2-GW10DL	108	103	108	96	0

		•	QC .	LIMITS
SMC1	=	Dibromofluoromethane		(85-115)
SMC2 (DCE)	=	1,2-Dichloroethane-d4		(70-120)
SMC3 (TOL)	=	Toluene-d8		(85-120)
OTHER (BEB)	=	Bromofluorobenzene		(75-120)

[#] Column to be used to flag recovery values

^{*} Values outside of contract required QC limits

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

	EPA	SMC1	SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	#	(DCE)#	(TOL)#	(BFB)#	OUT
	=========	=====	=====	======	=====	===
01	GP4-GW1	109	106	106	96	0
02 03						
04						
05						
06						
07			·			
08 09						
10						
11						
12						
13						
14						
15						
16 17					·	
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27						
28			<u> </u>			
29						
30		li	·			

QC LIMITS

= Dibromofluoromethane (85-115)SMC2 (DCE) = 1,2-Dichloroethane-d4 (70-120)SMC3 (TOL) = Toluene-d8 (85-120)OTHER(BFB) = Bromofluorobenzene (75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

KEM Case No.:

SAS No.:

SDG No.: MG0125

Level: (low/med) LOW

	EPA	SMC1	SMC2	SMC3	OTHER	TOT
	SAMPLE NO.	#	(DCE)#	(TOL)#	(BFB)#	OUT
	=========	=====	=====	=====	=====	===
01	VBLK1D	100	96	99	98	0
02	V1DLCS	100	99	99	98	0
03	V1DLCSD	99	94	101	100	0
04	GP8-SS1	102	106	100	96	0
05	GP11-SS1	102	104	101	90	0
06	GP100-SS1	106	105	108	81	0
07	GP12-SS1	129	129*	99	84	1
08	GP6-SS1	103	114	100	91	0
09	GP1-SS01	110	114	105	86	0
10	GP2-SS1	108	108	97	93	.0
11	VBLK1E	98	98	99	94	0
12	V1ELCS	101	100	100	100	0
13	GP110-SS1	114	127	93	99	0
14	GP4-SS1	104	102	103	95	0
15	GP100-SS1RE	109	111	104	89	0
16	GP12-SS1RE	110	110	102	92	0
17	GP10-SS1	110	114	102	92	0
18 19	GP5-SS1 GP6-SS1RE	107	110	103	92	0
20	GP3-SSIRE GP3-SS01	102 104	93 107	101	91	0
21	GP3-SS01 GP1-SS01DL	104	107	101	95	0
22	GP2-SS1DL	103	104	101 98	89	0
23	GFZ-SSIDI	103	104	90	95	0
24						
25						
26						
27						
28						
29						
30						
1		I	I			

SMC1 = Dibromofluoromethane (65-132) SMC2 (DCE) = 1,2-Dichloroethane-d4 (65-128) SMC3 (TOL) = Toluene-d8 (85-115) OTHER(BFB) = Bromofluorobenzene (77-111)

[#] Column to be used to flag recovery values

^{*} Values outside of contract required QC limits

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6ILCS

COMPONE	SPIKE ADDED	SAMPLE CONCENTRATION		LCS %	QC. LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Dichlorodifluoromethane	50		33	66	30-155
Chloromethane	50		50	100	40-125
Vinyl Chloride	50		48	96	50-145
Bromomethane	50		55	110	30-145
Chloroethane	50		49	98	60-135
Trichlorofluoromethane	50		47	94	60-145
1,1-Dichloroethene	50		50	100	70-130
Acetone	50		51	102	40-140
Iodomethane	50		56	112	72-121
Carbon Disulfide	50		53	106	35-160
Methylene Chloride	50		58	116	55-140
trans-1,2-Dichloroethen	50		52	104	60-140
Methyl tert-butyl ether	50		62	124	65-125
1,1-Dichloroethane	50		56	112	70-135
Vinyl acetate	50		59	118	38-163
2-Butanone	50		55	110	30-150
cis-1,2-Dichloroethene	50		54	108	70-125
2,2-Dichloropropane	50		52	104	70-135
Bromochloromethane	50		56	112	65-130
Chloroform	50		58	116	65-135
1,1,1-Trichloroethane	50		51	102	65-130
1,1-Dichloropropene	50		46	92	75-130
Carbon Tetrachloride	50		48	96	65-140
1,2-Dichloroethane	50		63	126	70-130
Benzene	50		54	108	80-120
Trichloroethene	50		50	100	70-125
1,2-Dichloropropane	50		57	114	75~125
Dibromomethane	50		59	118	75-125
		r and DDD realise			l

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

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V6ILCS

	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %	QC. LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Bromodichloromethane	50		60	120	75-120
cis-1,3-Dichloropropene	50		57	114	70-130
4-Methyl-2-pentanone	50	•	53	106	60-135
Toluene -	50		54	108	75-120
trans-1,3-Dichloroprope	50		60	120	55-140
1,1,2-Trichloroethane	50		56	112	75-125
1,3-Dichloropropane	50		51	102	75-125
Tetrachloroethene	50		43	86	45-150
2-Hexanone	50		39	78	55-130
Dibromochloromethane	50		52	104	60-135
1,2-Dibromoethane	50		49	98	80-120
Chlorobenzene	50		48	96	80-120
1,1,1,2-Tetrachloroetha	50		49	98	80-130
Ethylbenzene	50		44	88	75-125
m,p-Xylene	100		. 92	92	75-130
o-Xylene	50	*	47	94	80-120
Xylene (Total)	150		140	93	81-121
Styrene	50		48	96	65-135
Bromoform	50		57	114	70-130
Isopropylbenzene	50		45	90	75~125
1,1,2,2-Tetrachloroetha	50		49	98	65~130
Bromobenzene	50		47	94	75-125
1,2,3-Trichloropropane	50		51	102	75~125
n-Propylbenzene	50		42	84	70-130
2-Chlorotoluene	50		44	88	75-125
1,3,5-Trimethylbenzene	50		45	90	75-130
4-Chlorotoluene	50		46	92	75-130
tert-Butylbenzene	50		43	86	70-130
t Column to be used to fla		· and DDD realise			

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

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6ILCS

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
1,2,4-Trimethylbenzene sec-Butylbenzene 4-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropro 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	50 50 50 50 50 50 50 50 50 50		45 41 42 45 45 45 42 47 50 44 41 38 45	90 82 84 90 90 84 94 100 88 82 76 90	75-130 70-125 75-130 75-125 75-125 70-135 70-120 50-130 65-135 50-140 55-140

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

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^	values	OULSTOE:	()	ίχ.	1 11	H + V.S

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:	
	· · · · · · · · · · · · · · · · · · ·

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION		%	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
	========	=========	=========	=====	=====
Dichlorodifluoromethane	50		48	. 96	30-155
Chloromethane	50		43	86	40-125
Vinyl Chloride	50		46	92	50-145
Bromomethane	50	e	47	94	30-145
Chloroethane	50		42	. 84	60-135
Trichlorofluoromethane	50	* .	58	116	60-145
1,1-Dichloroethene	50		47	94	70-130
Acetone	50		57	114	40-140
Iodomethane	50		45	90	72-121
Carbon Disulfide	50		47	94	35-160
Methylene Chloride	50		45	. 90	55-140
trans-1,2-Dichloroethen	50		42	84	60-140
Methyl tert-butyl ether	50	•	46	92	65-125
1,1-Dichloroethane	50		45	90	70-135
Vinyl acetate	50		45	90	38-163
2-Butanone	50		46	92	30-150
cis-1,2-Dichloroethene	50		42	84	70-125
2,2-Dichloropropane	50		46	92	70-135
Bromochloromethane	50		42	84	65-130
Chloroform	50		46	92	65~135
1,1,1-Trichloroethane	50		45	90	65-130
1,1-Dichloropropene	50		41	82	75-130
Carbon Tetrachloride	50		45	90	65-140
1,2-Dichloroethane	50		49	98	70-130
Benzene	50		44	88	80-120
Trichloroethene	50		41	82	70-125
1,2-Dichloropropane	50		44	88	75-125
Dibromomethane	50		44	88	75-125
Column to be used to fla					<u> </u>

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

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %	QC. LIMITS			
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.			
=======================================	========	==========	=========	======	=====			
Bromodichloromethane	50		46	92	75-120			
cis-1,3-Dichloropropene	50		44	8.8	70-130			
4-Methyl-2-pentanone	50		38	76	60-135			
Toluene	50		43	86	75-120			
trans-1,3-Dichloroprope	50		45	90	55-140			
1,1,2-Trichloroethane	50		. 43	86	75-125			
1,3-Dichloropropane	50		47	94	75-125			
Tetrachloroethene	50		47	94	45-150			
2-Hexanone	50		40	80	55-130			
Dibromochloromethane	50	·	48	96	60-135			
1,2-Dibromoethane	50		44	88	80-120			
Chlorobenzene	50		46	92	80-120			
1,1,1,2-Tetrachloroetha	50		47	94	80-130			
Ethylbenzene	50		44	. 88	75-125			
m,p-Xylene	100		92	92	75-130			
o-Xylene	50		45	90	80-120			
Xylene (Total)	150		140	93	81-121			
Styrene	50		46	92	65-135			
Bromoform	50		52	104	70-130			
Isopropylbenzene	50		46	92	75-125			
1,1,2,2-Tetrachloroetha	50		47	94	65-130			
Bromobenzene	50		46	92	75-125			
1,2,3-Trichloropropane	50		50	100	75-125			
n-Propylbenzene	50		45.	90	70-130			
2-Chlorotoluene	50		45	90	75-125			
1,3,5-Trimethylbenzene	50	,	48	96	75-130			
4-Chlorotoluene	50		46	92	75-130			
tert-Butylbenzene	50	,	48	96	70-130			
# Column to be used to flag recovery and RPD values with an asterisk								

^{*} Values outside of QC limits

COMMENTS:		·

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,2,4-Trimethylbenzene sec-Butylbenzene 4-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropro 1,2,4-Trichlorobenzene	50 50 50 50 50 50 50 50 50		47 47 47 47 46 47 48 47 47 45	94 94 94 92 92 94 96 94 94	===== 75-130 70-125 75-130 75-125 75-125 70-135 70-120 50-130 65-135
Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	50 50 50		50 34 44	100 68 88	50-140 55-140 55-140

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

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC L: RPD	IMITS REC.
COMPOUND ===================================	(ug/L) ====================================		-	_		

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

COMMENTS:	•		

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

	SPIKE ADDED	LCSD CONCENTRATION	LCSD %	ે	OC I	IMITS
COMPOUND	(ug/L) ======	(ug/L)	REC #	RPD #	RPD	REC.
Bromodichloromethane	50	46	92	0	40	75-120
cis-1,3-Dichloropropene	50	43	86	2	40	70-130
4-Methyl-2-pentanone	50	47	94	21	40	60-135
Toluene	50	40	80	7	40	75-120
trans-1,3-Dichloroprope	. 50	46	92	2	40	55-140
1,1,2-Trichloroethane	. 50	45	90	. 4	40	75-125
1,3-Dichloropropane	50	49	98	4	40	75-125
Tetrachloroethene	50	40	80	16	40	45-150
2-Hexanone	. 50	42	84	5	40	55-130
Dibromochloromethane	50	49	98	2	40	60-135
1,2-Dibromoethane	50	47	94	6	40	80-120
Chlorobenzene	50	44	88	4	40	80-120
1,1,1,2-Tetrachloroetha	50	46	92	2	40	80-130
Ethylbenzene	50	40	80	10	40	75-125
m,p-Xylene	100	84	84	9	40	75-130
o-Xylene	50	43	86	4	40	80~120
Xylene (Total)	150	130	87	7	40	81-121
Styrene	50	44	88	4	40	65-135
Bromoform	50	52	104	0	40	70-130
Isopropylbenzene	.50	40	80	14	40	75-125
1,1,2,2-Tetrachloroetha	50	51	102	8	40	65-130
Bromobenzene	50	44	88	4	40	75-125
1,2,3-Trichloropropane	50	52	104	4	40	75~125
n-Propylbenzene	50	39	78	14	40	70-130
2-Chlorotoluene	50	41	82	9	40	75-125
1,3,5-Trimethylbenzene	50	42	84	13	40	75-130
4-Chlorotoluene	50	43	86	7	40	75-130
tert-Butylbenzene	50	41	82	16	40	70-130
l		ll	l			

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

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V6JLCS

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC L. RPD	IMITS REC.
1,2,4-Trimethylbenzene sec-Butylbenzene 4-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropro 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	50 50 50 50 50 50 50 50 50 50 50	43 38 39 42 44 38 46 54 43 37 41 46	86 76 78 84 88 76 92 108 86 74 82 92	9 21 19 9 6 23 2 14 4 30 19	40 40 40 40 40 40 40 40 40 40 40	75-130 70-125 75-130 75-125 75-125 70-135 70-120 50-130 65-135 50-140 55-140

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

*	Values	outside	of	OC	limits
---	--------	---------	----	----	--------

RPD: 2 out of 68 outside limits

Spike Recovery: 1 out of 136 outside limits

COMMENTS:			

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6KLCS

	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %	QC. LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Dichlorodifluoromethane	50	=========	=======================================	=====	=====
Chloromethane	50 50		52 44	104 88	30-155 40-125
Vinyl Chloride	50 50		48	96	50-145
Bromomethane	50		46	92	30-145
Chloroethane	50		44	88	60-135
Trichlorofluoromethane	50		63	126	60-145
1,1-Dichloroethene	50		49	98	70-130
Acetone	50		56	112	40-140
Iodomethane	50		47	94	72-121
Carbon Disulfide	50		49	98	35-160
Methylene Chloride	50		48	96	55-140
trans-1,2-Dichloroethen	50	•	45	90	60-140
Methyl tert-butyl ether	50		51	102	65-125
1,1-Dichloroethane	. 50		49	98	70-135
Vinyl acetate	50		50	100	38-163
2-Butanone	-50		52	104	30-150
cis-1,2-Dichloroethene	50		45	90	70-125
2,2-Dichloropropane Bromochloromethane	50 50		50	100	70-135
Chloroform	50 50		46	92	65-130
1,1,1-Trichloroethane	50	,	50 49	100	65-135 65-130
1,1-Dichloropropene	50		43	98 86	75-130
Carbon Tetrachloride	50		50	100	65-140
1,2-Dichloroethane	50		54	108	70-130
Benzene	50		46	92	80-120
Trichloroethene	50		43	86	70-125
1,2-Dichloropropane	50		49	98	75-125
Dibromomethane	50		49	98	75-125
# Column to be used to fla	g recovery	and RPD value	es with an aste	risk	

^{*} Values outside of QC limits

COMMENTS:	· .	

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V6KLCS

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
=======================================	========	=========	============	======	=====
Bromodichloromethane	50	÷	52	104	75-120
cis-1,3-Dichloropropene	50		47	94	70-130
4-Methyl-2-pentanone	50		46	92	60-135
Toluene	50		46	92	75-120
trans-1,3-Dichloroprope	50		50	100	55-140
1,1,2-Trichloroethane	50		47	94	75-125
1,3-Dichloropropane	50	,	53	106	75-125
Tetrachloroethene	50		52	104	45-150
2-Hexanone	50		47	94	55-130
Dibromochloromethane	50		55	110	60-135
1,2-Dibromoethane	50		49	98	80-120
Chlorobenzene	50		49	98	80-120
1,1,1,2-Tetrachloroetha	50		51	102	80-130
Ethylbenzene	50		47	94	75-125
m,p-Xylene	100		97	97	75-130
o-Xylene	50		48	96	80-120
Xylene (Total)	150		140	93	81-121
Styrene	50		49	98	65-135
Bromoform	50		61	122	70-130
Isopropylbenzene	50		49	98	75-125
1,1,2,2-Tetrachloroetha	50	·	54	108	65-130
Bromobenzene	50		50	100	75~125
1,2,3-Trichloropropane	50		58	116	75-125
n-Propylbenzene	50		48	96	70-130
2-Chlorotoluene	50	•	48	96	75-125
1,3,5-Trimethylbenzene	50		50	100	75-130
4-Chlorotoluene	50		50	100	75-130
tert-Butylbenzene	50		50	100	70-130
# Column to be used to fla	g recovery	y and RPD value	es with an aste	risk	

^{*} Values outside of QC limits

COMMENTS:	

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V6KLCS

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
1,2,4-Trimethylbenzene sec-Butylbenzene 4-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropro 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	50 50 50 50 50 50 50 50 50 50		50 50 49 48 49 50 51 59 48 55 39 49	100 100 98 96 98 100 102 118 96 110 78 98	75-130 70-125 75-130 75-125 75-125 70-135 70-120 50-130 65-135 50-140 55-140

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

*	77271160	outside	Ω£	\cap C	limite

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:	

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6MLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (uq/L)	LCS % REC #	QC. LIMITS REC.
COMPOUND	(ug/L)	(ug/1)	(ug/L)	KEC #	REC.
Dichlorodifluoromethane	50		50	100	30-155
Chloromethane	50		44	88	40-125
Vinyl Chloride	50		46	92	50-145
Bromomethane	50		47	94	30-145
Chloroethane	50	•	43	86	60-135
Trichlorofluoromethane	50		63	126	60-145
1,1-Dichloroethene	50		48	96	70-130
Acetone	50		54	108	40-140
Iodomethane	50		45	90	72-121
Carbon Disulfide	50		49	98	35-160
Methylene Chloride	50		46	92	55-140
trans-1,2-Dichloroethen	50		42	84	60-140
Methyl tert-butyl ether	50		46	92	65-125
1,1-Dichloroethane	50		47	94	70-135
Vinyl acetate	50		48	96	38-163
2-Butanone	50		45	90	30-150
cis-1,2-Dichloroethene	50		42	84	70-125
2,2-Dichloropropane	50		48	96	70-135
Bromochloromethane	50		41	82	65-130
Chloroform	50		48	96	65-135
1,1,1-Trichloroethane	50		46	92	65-130
1,1-Dichloropropene	50	-	40	80	75-130
Carbon Tetrachloride	50		46	92	65-140
1,2-Dichloroethane	50		53	106	70-130
Benzene	50		44	88	80-120
Trichloroethene	50		39	78	70-125
1,2-Dichloropropane	50		46	92	75-125
Dibromomethane	50		46	92	75-125
# Column to be used to fla	g recovery	/ y and RPD value	s with an aste	erisk	l !

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V6MLCS

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	o'o	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
=======================================	========	=========	========	======	=====
Bromodichloromethane	50		48	96	75-120
cis-1,3-Dichloropropene	50		43	86	70-130
4-Methyl-2-pentanone	50		41	82	60-135
Toluene	50		43	86	75-120
trans-1,3-Dichloroprope	50		46	92	55-140
1,1,2-Trichloroethane	50		44	88	75-125
1,3-Dichloropropane	50		50	100	75-125
Tetrachloroethene	50		48	96	45-150
2-Hexanone	50	•	40	80	55-130
Dibromochloromethane	50		49	98	60-135
1,2-Dibromoethane	50		45	90	80-120
Chlorobenzene	50		46	.92	80-120
1,1,1,2-Tetrachloroetha	50	4	47	94	80-130
Ethylbenzene	50		44	88	75~125
m,p-Xylene	100		92	92	75-130
o-Xylene	50		46	92	80-120
Xylene (Total)	150		140	93	81-121
Styrene	50		46	92	65-135
Bromoform	50		55	110	70-130
Isopropylbenzene	50		46	92	75-125
1,1,2,2-Tetrachloroetha	50		48	96	65-130
Bromobenzene	50		46	92	75-125
1,2,3-Trichloropropane	50	}	51	102	75-125
n-Propylbenzene	50		44	88	70-130
2-Chlorotoluene	50		44	88	75-125
1,3,5-Trimethylbenzene	50		47	94	75-130
4-Chlorotoluene	50		46	92	75-130
tert-Butylbenzene	50		46	92	70-130
# Column to be used to fla	g recovery	and RPD value	es with an aste	risk	

^{*} Values outside of QC limits

COMMENTS:	

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V6MLCS

COMPOUND	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
1,2,4-Trimethylbenzene sec-Butylbenzene 4-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropro 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	50 50 50 50 50 50 50 50 50 50		======================================	92 94 92 90 92 96 94 98 88 108 66	75-130 70-125 75-130 75-125 75-125 70-135 70-120 50-130 65-135 50-140 55-140

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

		. , , –	_	~~		
*	Values	outside	\circ t	α	۱٦r	ทา۲९

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:		•	
	 	 	

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	ે	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
=======================================	========	=========	==========	=====	=====
Dichlorodifluoromethane	50		45	. 90	35-135
Chloromethane	50		43	86	50-130
Vinyl Chloride	50		46	92	60-125
Bromomethane	50		44	88	30-160
Chloroethane	50		44	88	40-155
Trichlorofluoromethane	50		44	88	25-185
1,1-Dichloroethene	50		46	92	65-135
Acetone	50		38	76	20-160
Iodomethane	50		44	88	70-126
Carbon Disulfide	50		43	86	45-160
Methylene Chloride	50		45	90	55-140
trans-1,2-Dichloroethen	50		46	92	65-135
Methyl tert-butyl ether	50		44	88	75-126
1,1-Dichloroethane	50		46	92	75-125
Vinyl acetate	50		48	96	65-138
2-Butanone	50		40	80	30-160
cis-1,2-Dichloroethene	50		45	90	65-125
2,2-Dichloropropane	50		44	88	65-135
Bromochloromethane	50		45	90	70-125
Chloroform	50		45	90	70-125
1,1,1-Trichloroethane	50		47	94	70-135
1,1-Dichloropropene	50		46	92	70-135
Carbon Tetrachloride	50		47	94	65-135
1,2-Dichloroethane	50		46	92	70-135
Benzene	50		46	92	75-125
Trichloroethene	50		47	94	75-125
1,2-Dichloropropane	50	,	47	94	70-120
Dibromomethane	. 50		47	94	75-130
# Column to be used to fla	g recover	y and RPD value	es with an aste	erisk	,

^{*} Values outside of QC limits

COMMENTS:		 	

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

	CDTVD	CAMDIT	T CC	T 00	00
	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION		%	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
======================================	=======================================	=======================================	=======================================	=====	=====
Bromodichloromethane	50		46	92	70-130
cis-1,3-Dichloropropene	50		47	94	70-125
4-Methyl-2-pentanone	50		44	88	45-145
Toluene	. 50		46	92	70-125
trans-1,3-Dichloroprope	50		48	96	65-125
1,1,2-Trichloroethane	50		46	92	60-125
1,3-Dichloropropane	50		47	94	75-125
Tetrachloroethene	50		46	92	65-140
2-Hexanone	50		40	80	45-145
Dibromochloromethane	50		47	94	65-130
1,2-Dibromoethane	50		47	94	70-125
Chlorobenzene	50		47	94	75-125
1,1,1,2-Tetrachloroetha	50		48	96	75-125
Ethylbenzene	50		46	92	75-125
m,p-Xylene	100		94	94	80-125
o-Xylene	50		46	92	75-125
Xylene (Total)	150		140	93	83-125
Styrene	50		48	96	75-125
Bromoform	50		49	98	55-135
Isopropylbenzene	50	:	48	96	75-130
1,1,2,2-Tetrachloroetha	50		45	90	55-130
Bromobenzene	50		46	92	65-120
1,2,3-Trichloropropane	50		46	92	65-130
n-Propylbenzene	50		46	92	65-135
2-Chlorotoluene	50		46	92	70-130
1,3,5-Trimethylbenzene	50		47	94	65-135
4-Chlorotoluene	50		47	94	75-125
tert-Butylbenzene	50		46	92	65-130
Column to be used to fla		J DDD J			l

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

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS

Level:(low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
=======================================	=======	==========	=========	=====	======
1,2,4-Trimethylbenzene	50		47	94	65-135
sec-Butylbenzene	50		47	94	65-130
4-Isopropyltoluene	50		47	94	75~135
1,3-Dichlorobenzene	50		46	92	70-125
1,4-Dichlorobenzene	50		46	92	70-125
n-Butylbenzene	50	•	48	96	65-140
1,2-Dichlorobenzene	50		47	94	75-120
1,2-Dibromo-3-chloropro	50	1	47	94	40~135
1,2,4-Trichlorobenzene	50		49	98	65-130
Hexachlorobutadiene	50		49	98	55-140
Naphthalene	50		49	98	40-125
1,2,3-Trichlorobenzene	50		50	100	60-135
			•		

COMMENTS:	

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

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC L: RPD	IMITS REC.
Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Acetone Iodomethane Carbon Disulfide Methylene Chloride trans-1,2-Dichloroethen Methyl tert-butyl ether 1,1-Dichloroethane Vinyl acetate 2-Butanone cis-1,2-Dichloroethene	ADDED (ug/Kg) ======= 50 50 50 50 50 50 50 50 50 50 50 50 50	CONCENTRATION (ug/Kg) ====================================	% REC # 94 88 100 92 92 96 96 98 80 94	RPD # 2 8 4 6 4 0 5 9 4 2 0 4	RPD 40 40 40 40 40 40 40 40 40 40 40 40 40	REC. ===== 35-135 50-130 60-125 30-160 40-155 25-185 65-135 20-160 70-126 45-160 65-125 65-138 30-160 65-125
2,2-Dichloropropane Bromochloromethane Chloroform	50 50 50	46 47 47	92 94 94	4 4 4	40 40 40	65-135 70-125 70-125
1,1,1-Trichloroethane 1,1-Dichloropropene Carbon Tetrachloride	50 50 50	47 48 47	94 96 94	0 4 0	40 40 40	70-135 70-135 65-135
1,2-Dichloroethane Benzene Trichloroethene	50 50 50 50	47 47 48	94 94 96	2 2 2	40 40 40	70-135 75-125 75-125
1,2-Dichloropropane Dibromomethane	50	47 47	94 94 	0	40	70-120 75-130

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

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

SAS No.: Case No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS Level: (low/med) LOW

	SPIKE	LCSD	LCSD			
	ADDED	CONCENTRATION	%	%	OC T	IMITS
COMPOUND	(ug/Kg)	(ug/Kg)	REC #	RPD #	RPD	REC.
=======================================	=======	===========	=====	=====	=====	======
Bromodichloromethane	50	48	96	4	40	70-130
cis-1,3-Dichloropropene	50	49	98	4	40	70-125
4-Methyl-2-pentanone	50	47	94	6	40	45-145
Toluene	50	46	92	0	40	70-125
trans-1,3-Dichloroprope	50	48	96	0	40	65-125
1,1,2-Trichloroethane	50	48	96	4	40	60-125
1,3-Dichloropropane	50	49	98	4	40	75-125
Tetrachloroethene	50	47	94	2	40	65-140
2-Hexanone	50	45	. 90	12	40	45-145
Dibromochloromethane	50	48	96	2	40	65-130
1,2-Dibromoethane	50	47	94	0	40	70-125
Chlorobenzene	50	48	96	2	40	75-125
1,1,1,2-Tetrachloroetha	50	48	96	0	40	75-125
Ethylbenzene	50	48	96	4	40	75-125
m,p-Xylene	100	97	97	3	40	80-125
o-Xylene	50	48	96	4	40	75-125
Xylene (Total)	150	140	93	0	40	83-125
Styrene	50	49	98	2	40	75-125
Bromoform	50	50	100	2	40	55-135
Isopropylbenzene	50	48	96	0	40	75-130
1,1,2,2-Tetrachloroetha	50	48	96	, 6	40	55-130
Bromobenzene	50	48	96	4	40	65-120
1,2,3-Trichloropropane	50	48	96	4	40	65-130
n-Propylbenzene	50	49	98	6	40	65-135
2-Chlorotoluene	50	48	96	4	40	70-130
1,3,5-Trimethylbenzene	50	49	98	4	40	65-135
4-Chlorotoluene	50	47	94	0	40	75-125
tert-Butylbenzene	50	49	98	6	40	65-130
<u> </u>		<u></u>				

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

COMMENTS:	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1DLCS

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC L:	IMITS REC.
1 0 4 5-1	========	=======================================	======	======	=====	=====
1,2,4-Trimethylbenzene	50	49	98	4	40	65-135
sec-Butylbenzene	50	50	100	6	40	65-130
4-Isopropyltoluene	50	50	100	6	40	75-135
1,3-Dichlorobenzene	50	48	96	4	40	70-125
1,4-Dichlorobenzene	50	48	96	4	40	70-125
n-Butylbenzene	50	51	102	6	40	65-140
1,2-Dichlorobenzene	50	49	98	4	40	75-120
1,2-Dibromo-3-chloropro	50	50	100	6	40	40-135
1,2,4-Trichlorobenzene	50	52	104	6	40	65-130
Hexachlorobutadiene	50	51	102	4	40	55-140
Naphthalene	50	54	108	10	40	40-125
1,2,3-Trichlorobenzene	50	,52	104	4	40	60-135

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

*	Values	outside	of	QC	limits
---	--------	---------	----	----	--------

RPD: 0 out of 68 outside limits

Spike Recovery: 0 out of 136 outside limits

COMMENTS:	

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1ELCS Level: (low/med) LOW

		SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %	QC.
COMPOINT	_				-	LIMITS
COMPOUNI	ا .	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
T	difluoromethane	========	==========		=====	======
		50		41	82	35-135
Chloromet		50		39	78	50-130
Vinyl Ch.		50	,	42	84	60-125
Bromometh	,	50		43	86	30-160
Chloroeth		50		42	84	40-155
	ofluoromethane	50		44	88	25-185
1 *	loroethene	50		43	86	65-135
Acetone	•	50		36	72	20-160
Iodometha		50		40	80	70-126
Carbon D		50		42	84	45-160
	e Chloride	50		46	92	55-140
	2-Dichloroethen	50		41	82	65-135
	ert-butyl ether	50		43	86	75-126
	loroethane	50		42	84	75-125
Vinyl ace		50		43	86	65-138
2-Butanor		50		37	74	30-160
	Dichloroethene	50		41	82	65-125
	loropropane	50		42	84	65-135
	oromethane	50		42	84	70-125
Chlorofor		50		42	84	70-125
	ichloroethane	50		41	82	70-135
	loropropene	50		41	82	70-135
Carbon Te	etrachloride	50		42	84	65-135
1,2-Dich	loroethane	50		41	. 82	70-135
Benzene		50		42	84	75-125
Trichlor	oethene	50		42	84	75-125
	loropropane	50		43	86	70-120
Dibromome	ethane _	50		42	84	75-130
# Column to	be used to fla	g recovery	v and RPD value	es with an aste	risk	··

^{*} Values outside of QC limits

COMMENTS:		 	 	 	

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix Spike - Sample No.: V1ELCS Level: (low/med) LOW

	SPIKE	SAMPLE	LCS	LCS	QC.
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/Kg)	(ug/Kg)	(ug/Kg)	REC #	REC.
=======================================	========	=========	=========	=====	======
Bromodichloromethane	50		41	82	70-130
cis-1,3-Dichloropropene	50		43	86	70-125
4-Methyl-2-pentanone	50		40	80	45-145
Toluene	50		41	82	70-125
trans-1,3-Dichloroprope	50		42	84	65-125
1,1,2-Trichloroethane	50		42	84	60-125
1,3-Dichloropropane	50		42	84	75-125
Tetrachloroethene	50		40	80	65-140
2-Hexanone	50		38	76	45-145
Dibromochloromethane	50		40	80	65-130
1,2-Dibromoethane	50		40	80	70-125
Chlorobenzene	50		41	82	75-125
1,1,1,2-Tetrachloroetha	. 50		41	82	75-125
Ethylbenzene	50		41	82	75-125
m,p-Xylene	100		82	82	80-125
o-Xylene	50		41	82	75-125
Xylene (Total)	150		120	80*	83-125
Styrene	50		42	84	75-125
Bromoform	50		43	86	55-135
Isopropylbenzene	50		42	84	75-130
1,1,2,2-Tetrachloroetha	50		40	80	55-130
Bromobenzene	50		40	80	65-120
1,2,3-Trichloropropane	50		42	84	65-130
n-Propylbenzene	50		40	80	65-135
2-Chlorotoluene	50		40	80	70-130
1,3,5-Trimethylbenzene	50		41	82	65-135
4-Chlorotoluene	50		40	80	75-125
tert-Butylbenzene	50		40	80	65-130
. ~					
# Column to be used to fla	g recovery	and RPD value	es with an aste	risk	

COMMENT'S.	
COMMITTION.	

^{*} Values outside of QC limits

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Matrix Spike - Sample No.: V1ELCS

Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (uq/Kq)	LCS % REC #	QC. LIMITS REC.
	(43/143/	=======================================	(49/149/	-~	
1,2,4-Trimethylbenzene	50		41	82	65-135
sec-Butylbenzene	50		41	82	65-130
4-Isopropyltoluene	50		41	82	75-135
1,3-Dichlorobenzene	50		41	82	70-125
1,4-Dichlorobenzene	. 50		41	82	70-125
n-Butylbenzene	50		. 42	84	65-140
1,2-Dichlorobenzene	50		40	80	75-120
1,2-Dibromo-3-chloropro	50		40	80	40-135
1,2,4-Trichlorobenzene	50		42	84	65-130
Hexachlorobutadiene	50	,	41	82	55-140
Naphthalene	50		41	82	40-125
1,2,3-Trichlorobenzene	50		42	84	60-135

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

*	Values	outside	of	OC	limits
	v alace	Oucorac	\sim	\sim	

RPD: 0 out of 0 outside limits

Spike Recovery: 1 out of 68 outside limits

COMMENTS:		

VOLATILE METHOD BLANK SUMMARY

VBLK1D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MG0125

Lab File ID: V1J3813

Lab Sample ID: MB-34670

Date Analyzed: 01/31/08

Time Analyzed: 1737

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
0.5	=========	======================================	=======================================	=======
01	V1DLCS	LCS-34670	V1J3814	1804
02	V1DLCSD	LCSD-34670	V1J3815	1832
03 04	GP8-SS1 GP11-SS1	G0125-05A G0125-06A	V1J3824 V1J3825	2241
05	GP11-551	G0125-06A G0125-07A	V1J3825 V1J3826	2309
06	GP100-351 GP12-SS1	G0125-07A	V1J3827	2337 0005
07	GP6-SS1	G0125-00A	V1J3830	0128
08	GP1-SS01	G0125-12A	V1J3831	0156
09	GP2-SS1	G0125-13A	V1J3832	0224
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COMMENTS:				

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FORM IV VOA

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1D

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3813

Level: (low/med) LOW

Date Received:

% Moisture: not dec. _____

Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: ____(mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG Q

·		 	
75-71-8	Dichlorodifluoromethane	5	ן _ע
	Chloromethane	5	Ü
	Vinyl Chloride	5	U
	Bromomethane	5	ΙŪ
75-00-3	Chloroethane	- 5	U
75-69-4	Trichlorofluoromethane	5	บ
75-35-4	1,1-Dichloroethene	5	Ū.
67-64-1	Acetone	4	J
74-88-4	Iodomethane		Ū
75-15-0	Carbon Disulfide	5 5 5 5 5	Ū
75-09-2	Methylene Chloride	5	Ü
156-60-5	trans-1,2-Dichloroethene	5	Ū
1634-04-4	Methyl tert-butyl ether	· 5	Ū
75-34-3	1,1-Dichloroethane	5	Ü
108-05-4	Vinyl acetate	5	ן דו
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	Ū
590-20-7	2,2-Dichloropropane	5	Ū
74-97-5	Bromochloromethane	5	Ū
67-66-3	Chloroform	5	Ü
71-55-6	1,1,1-Trichloroethane	5	שׁ
563-58-6	1,1-Dichloropropene	5	שו
	Carbon Tetrachloride	5 5	U
107-06-2	1,2-Dichloroethane	1 5	ט
71-43-2		5	ט
	Trichloroethene	5	ש
	1,2-Dichloropropane	5	U
	Dibromomethane	5	U
	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
	4-Methyl-2-pentanone	5	U
108-88-3		5 5	שׁ
10061-02-6	trans-1,3-Dichloropropene	5	שׁ
79-00-5	1,1,2-Trichloroethane	5	U

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

		i i	
Lab Name: MITKEM LABORATO	ORIES Contrac	:t:	VBLK1D
Lab Code: MITKEM Case	No.: SAS N	io.: SDC	G No.: MG0125
Matrix: (soil/water) SOII	L	Lab Sample ID:	MB-34670
Sample wt/vol: 5.	.0 (g/mL) G	Lab File ID:	V1J3813
Level: (low/med) LOW		Date Received:	
% Moisture: not dec.		Date Analyzed:	01/31/08
GC Column: DB-624 ID:	0.25 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:	(mL)	Soil Aliquot V	Volume:(uL
CAS NO. CC		ENTRATION UNITS: L or ug/Kg) UG/K	
127-18-4Te 591-78-6Di 124-48-1Di 106-93-4Ch 630-20-61, 100-41-4Et	bromochloromethane 2-Dibromoethane 10robenzene 1,1,2-Tetrachloroet hylbenzene p-Xylene Xylene	hane	5 U U U U U U U U U U U U U U U U U U U

100-42-5-----Styrene 5 U 75-25-2-----Bromoform U 98-82-8-----Isopropylbenzene 5 U 79-34-5-----1,1,2,2-Tetrachloroethane 5 Ū 108-86-1-----Bromobenzene 5 Ū 96-18-4-----1,2,3-Trichloropropane U 103-65-1----n-Propylbenzene 5 U 95-49-8----2-Chlorotoluene U 108-67-8-----1,3,5-Trimethylbenzene 5 U 106-43-4----4-Chlorotoluene 5 U 98-06-6----tert-Butylbenzene 5 U 95-63-6-----1,2,4-Trimethylbenzene 5 U 135-98-8----sec-Butylbenzene U 99-87-6----4-Isopropyltoluene Ū 541-73-1----1,3-Dichlorobenzene U 106-46-7----1,4-Dichlorobenzene U 5 104-51-8----n-Butylbenzene IJ 5 95-50-1----1,2-Dichlorobenzene U 96-12-8----1,2-Dibromo-3-chloropropane 5 U 120-82-1----1,2,4-Trichlorobenzene U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3----Naphthalene 5 U 87-61-6----1,2,3-Trichlorobenzene

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EDA	SAMPLE	NO
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				THE THE COLLEGERADE	- 1		
Lab	Name:	MITKEM	LABORATORIES	Contract:		VBLK1D	

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34670

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3813

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 01/31/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(mL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	1
1. 541-05-9 2.				
3. 4. 5.				
6.				
7.				
8. 9.				
10		-		
12. 13.				
14.				
15. 16.				
17.				
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20				
22.				
24.				
25. 26.				
27. 28.				
49.				
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VOLATILE METHOD BLANK SUMMARY

VBLK1E

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM — Case No.:

SAS No.:

SDG No.: MG0125

Lab File ID: V1J3843

Lab Sample ID: MB-34673

Date Analyzed: 02/01/08

Time Analyzed: 1114

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

T.D.A.	7.35	T 3 D	
EPA	LAB	LAB	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
==========	==========	=========	========
01 V1ELCS	LCS-34673	V1J3844	1142
02 GP110-SS1	G0125-03A	V1J3852	1541
03 GP4-SS1	G0125-04A	V1J3853	1609
04 GP100-SS1RE	G0125-07ARE	V1J3854	1637
05 GP12-SS1RE	G0125-08ARE	V1J3855	1705
06 GP10-SS1	G0125-09A	V1J3856	1733
07 GP5-SS1	G0125-09A G0125-10A	V1J3857	
		l .	1801
08 GP6-SS1RE	G0125-11ARE	V1J3858	1828
09 GP3-SS01	G0125-14A	V1J3859	1856
10 GP1-SS01DL	G0125-12ADL	V1J3860	1924
11 GP2-SS1DL	G0125-13ADL	V1J3861	1951
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COMMENTO:	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1E Lab Name: MITKEM LABORATORIES Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125 Lab Sample ID: MB-34673 Matrix: (soil/water) SOIL 5.0 (q/mL) GSample wt/vol: Lab File ID: V1J3843 Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 02/01/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG O 75-71-8-----Dichlorodifluoromethane 5 | U 74-87-3-----Chloromethane 5 U 75-01-4-----Vinyl Chloride 5 | U 5 U 5 U 74-83-9-----Bromomethane 75-00-3-----Chloroethane 5 75-69-4-----Trichlorofluoromethane U 5 75-35-4-----1,1-Dichloroethene U 67-64-1-----Acetone 4 IJ 74-88-4-----Iodomethane 5 U 5 75-15-0-----Carbon Disulfide U 2 75-09-2----Methylene Chloride J 5 5 156-60-5-----trans-1,2-Dichloroethene U 1634-04-4----Methyl tert-butyl ether Ū 75-34-3----1,1-Dichloroethane 5 U 5 U 5 U 108-05-4-----Vinyl acetate 78-93-3----2-Butanone 5 U 156-59-2----cis-1,2-Dichloroethene 5 | U 590-20-7----2,2-Dichloropropane 5 74-97-5----Bromochloromethane U 67-66-3-----Chloroform 5 U 5 71-55-6----1,1,1-Trichloroethane U 5 563-58-6----1,1-Dichloropropene U 5 U 56-23-5-----Carbon Tetrachloride 5 | U 107-06-2----1,2-Dichloroethane 5 71-43-2----Benzene U 5 5 79-01-6-----Trichloroethene U 78-87-5-----1,2-Dichloropropane U 74-95-3-----Dibromomethane 5 Ū

75-27-4-----Bromodichloromethane 10061-01-5----cis-1,3-Dichloropropene 108-10-1----4-Methyl-2-pentanone

79-00-5-----1,1,2-Trichloroethane

10061-02-6----trans-1,3-Dichloropropene

108-88-3-----Toluene

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5 U

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM LABORATORIES	VBLK1E Contract:
Lab Code: MITKEM Case No.:	· · · · · · · · · · · · · · · · · · ·
Matrix: (soil/water) SOIL	Lab Sample ID: MB-34673
Sample wt/vol: 5.0 (g/mL) G	Lab File ID: V1J3843
Level: (low/med) LOW	Date Received:
% Moisture: not dec	Date Analyzed: 02/01/08
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 1.0
Soil Extract Volume:(mL)	Soil Aliquot Volume:(uI
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q
142-28-91,3-Dichloropy 127-18-4Tetrachloroet 591-78-62-Hexanone 124-48-1Dibromochlorow 106-93-41,2-Dibromoet 108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrac	hene 5 U 5 U 5 U 6 Hane 5 U 6 Hane 5 U 6 Hane 5 U 7 Hane 6 Hane 7 U 7 U 7 U 7 U 7 U 7 U 7 U 7 U 7 U 7

106-93-41,2-Dibromoethane	5	Įυ
108-90-7Chlorobenzene	5	ע
630-20-61,1,1,2-Tetrachloroethane	5	U
100-41-4Ethylbenzene	5	שׁ
m,p-Xylene	5	U
95-47-6o-Xylene	5	Ū
1330-20-7Xylene (Total)	5	שׁ
100-42-5Styrene	5	U
75-25-2Bromoform	5	[บ
98-82-8Isopropylbenzene	5	U
79-34-51,1,2,2-Tetrachloroethane	5	
108-86-1Bromobenzene	5	υ
96-18-41,2,3-Trichloropropane	5	U
103-65-1n-Propylbenzene		υ .
95-49-82-Chlorotoluene		U ·
108-67-81,3,5-Trimethylbenzene		U
106-43-44-Chlorotoluene		U
98-06-6tert-Butylbenzene		U
95-63-61,2,4-Trimethylbenzene		U
135-98-8sec-Butylbenzene	5	U
99-87-64-Isopropyltoluene		שׁ
541-73-11,3-Dichlorobenzene		ש
106-46-71,4-Dichlorobenzene		ש
104-51-8n-Butylbenzene	5	U
95-50-11,2-Dichlorobenzene	5	U
96-12-81,2-Dibromo-3-chloropropane		Ū
120-82-11,2,4-Trichlorobenzene		Ū
87-68-3Hexachlorobutadiene		Ū .
91-20-3Naphthalene	5	Ū
87-61-61,2,3-Trichlorobenzene	5	Ū.
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO
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TENTATIVELY IDENTIF	'IED COMPOUNDS	
		VBLK1E
Lab Name: MITKEM LABORATORIES	Contract:	

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) SOIL Lab Sample ID: MB-34673

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J3843

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 02/01/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.	COMPOUND NAME UNKNOWN	RT	EST. CONC	=====
24. 25. 26. 27. 28. 29.				

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK6I

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Lab File ID: V6F6182

Lab Sample ID: MB-34640

Date Analyzed: 02/04/08

Time Analyzed: 1012

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	=========	=======================================	=========	=======
01	V6ILCS	LCS-34640	V6F6183	1052
02	GP7-GW1	G0125-01A	V6F6194	1619
03	GW204S-01	G0125-02A	V6F6195	1648
04	GP5-GW1	G0125-15A	V6F6196	1744
05	GW2	G0125-16A	V6F6197	1813
06	GP1-GW1	G0125-17A	V6F6198	1842
07	GW1	G0125~18A	V6F6199	1910
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27 28				
28 29				
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COMMENTS:	
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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6I Lab Name: MITKEM LABORATORIES Contract: SAS No.: SDG No : MG0125 Lab Sample ID: MB-34640 Lab File ID: V6F6182

Matrix: (soil/water) WATER

Sample wt/vol: 5.000 (g/mL) ML

Lab Code: MITKEM Case No.:

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec.

Date Analyzed: 02/04/08

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: ____(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug	Q
75-71-8 74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 75-15-0 75-09-2 156-60-5 1634-04-4 75-34-3 156-59-2 590-20-7 590-20-7 74-97-5 563-58-6 71-55-6 563-58-6 71-55-6 71-43-2	Dichlorodifluctions of the control of the contr	(ug/L or ug	Q 555555555555555555555555555555555555

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Na	ame: MITKEM LAB	ORATORIES C	Contract:	:		VBLK6I	
Lab Co	ode: MITKEM	Case No.:	SAS No.	.:	SDG	No.: MG012	5 .
Matrix	c: (soil/water)	WATER		Lab Sample	ID:	MB-34640	
Sample	e wt/vol:	5.000 (g/mL) ML		Lab File II):	V6F6182	
Level:	(low/med)	LOW		Date Receiv	ved:	· · · · · · · · · · · · · · · · · · ·	
% Mois	sture: not dec.			Date Analy:	zed:	02/04/08	
GC Col	lumn: DB-624	ID: 0.25 (mm)		Dilution Fa	actor	: 1.0 m	
Soil E	Extract Volume:	(uL)		Soil Alique	ot Vo	olume:	(uL)
	CAS NO.	COMPOUND		TRATION UN or ug/Kg) (Q	
	127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 100-42-5 98-82-8	Dibromochlorome1,2-DibromoethaChlorobenzene1,1,1,2-TetrachEthylbenzenem,p-XyleneO-XyleneXylene (Total)Styrene	thane ne loroetha	ane		555555555555555555555555555555555555555	

108-86-1-----Bromobenzene

103-65-1----n-Propylbenzene

95-49-8----2-Chlorotoluene

106-43-4----4-Chlorotoluene

98-06-6-----tert-Butylbenzene

135-98-8----sec-Butylbenzene

104-51-8----n-Butylbenzene

91-20-3----Naphthalene

99-87-6----4-Isopropyltoluene

541-73-1----1,3-Dichlorobenzene

106-46-7-----1,4-Dichlorobenzene

95-50-1----1,2-Dichlorobenzene

87-68-3-----Hexachlorobutadiene

120-82-1----1,2,4-Trichlorobenzene

87-61-6-----1,2,3-Trichlorobenzene

96-12-8----1,2-Dibromo-3-chloropropane

96-18-4-----1,2,3-Trichloropropane

108-67-8-----1,3,5-Trimethylbenzene

95-63-6----1,2,4-Trimethylbenzene

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab	Name:	MITKEM	LABORATORIES	Contract:	VBLK6I
Lab	Code:	MITKEM	Case No.:	SAS No.:	SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34640

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6182

Level: (low/med) LOW Date Received: ____

% Moisture: not dec. ____ Date Analyzed: 02/04/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE METHOD BLANK SUMMARY

VBLK6J

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Lab File ID: V6F6202

Lab Sample ID: MB-34730

Date Analyzed: 02/05/08

Time Analyzed: 1054

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	==========	=========	=======================================	========
01	V6JLCS	LCS-34730	V6F6203	1135
02	V6JLCSD	LCSD-34730	V6F6204	1203
03	TRIPBLANK	G0125-28A	V6F6206	1316
04	GW2DL	G0125-16ADL	V6F6207	1344
05	GP1-GW1DL	G0125-17ADL	V6F6208	1412
06	GW1DL	G0125-18ADL	V6F6209	1440
07	GW205S-01	G0125 107DH G0125-19A	V6F6210	1509
08	GP2-GW1	G0125-20A	V6F6211	1537
09	GP2-GW1	G0125-21A	V6F6212	1606
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COMMENTS:		•

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FORM IV VOA

OLM03.0

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6J Lab Name: MITKEM LABORATORIES Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125 Matrix: (soil/water) WATER Lab Sample ID: MB-34730 Sample wt/vol: 5.000 (g/mL) MLLab File ID: V6F6202 Date Received: Level: (low/med) LOW % Moisture: not dec. Date Analyzed: 02/05/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

ı 		_	,
75-71-8	Dichlorodifluoromethane	5	IJ
	Chloromethane	- 5	U
	Vinyl Chloride	- 5	Ü
	Bromomethane	_ 5	Ü.
	Chloroethane	- 5	Ü
	Trichlorofluoromethane	_ 5	Ü
	1,1-Dichloroethene	- 5	ָ ע
67-64-1		- 5	<u>"</u>
	Iodomethane	_ 5	Ū
	Carbon Disulfide	- 5	ָ װ <u></u>
	Methylene Chloride	- 5	Ü
	trans-1,2-Dichloroethene	- 5	Ū
	Methyl tert-butyl ether	5 5 5 5 5 5	ָ [֖]
	1,1-Dichloroethane	- 5	U !
	Vinyl acetate	- 5	Ū
	2-Butanone	- 5	U
156-59-2	cis-1,2-Dichloroethene	5	Ü
	2,2-Dichloropropane	5	Ū
	Bromochloromethane	- 5	
	Chloroform	- 5	
71-55-6	1,1,1-Trichloroethane	- 5	
	1,1-Dichloropropene	5	<u>"</u>
	Carbon Tetrachloride	5	ן ט
107-06-2	1,2-Dichloroethane	5	<u></u> ט
71-43-2		5	ا ت ا
79-01-6	Trichloroethene	5	ן ט
78-87-5	1,2-Dichloropropane	5	ן עו
	Dibromomethane	5	ן עו
	Bromodichloromethane	5	0
	cis-1,3-Dichloropropene	5	ן ת
	4-Methyl-2-pentanone	5	Ū
108-88-3	Toluene		ן ט
10061-02-6	trans-1,3-Dichloropropene	5 5	ا تا
79-00-5	1,1,2-Trichloroethane	. 5	Ū
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FORM I VOA

OLM03.0

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6J Lab Name: MITKEM LABORATORIES Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125 Matrix: (soil/water) WATER Lab Sample ID: MB-34730 Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6202 Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 142-28-9-----1,3-Dichloropropane 5 U 127-18-4-----Tetrachloroethene 1 J 591-78-6----2-Hexanone 5 U 124-48-1-----Dibromochloromethane 5 U 106-93-4----1,2-Dibromoethane 5 U 108-90-7-----Chlorobenzene 5 U 630-20-6-----1,1,1,2-Tetrachloroethane 5 U 100-41-4-----Ethylbenzene____ 5 U ----m,p-Xylene 5 | U 95-47-6----o-Xylene_ 5 U 1330-20-7-----Xylene (Total)__ 5 U 100-42-5-----Styrene 5 U 75-25-2-----Bromoform 5 U 98-82-8-----Isopropylbenzene 5 | U 79-34-5----1,1,2,2-Tetrachloroethane 5 U 108-86-1-----Bromobenzene 5 U 96-18-4-----1,2,3-Trichloropropane 5 U 5 103-65-1----n-Propylbenzene U 95-49-8----2-Chlorotoluene 5 U 108-67-8-----1,3,5-Trimethylbenzene 5 U 5 U 106-43-4----4-Chlorotoluene 98-06-6-----tert-Butylbenzene 5 | T 95-63-6----1,2,4-Trimethylbenzene 5 ΙŪ 5 135-98-8-----sec-Butylbenzene lυ 99-87-6----4-Isopropyltoluene 5 U 541-73-1----1,3-Dichlorobenzene 5 U 106-46-7-----1,4-Dichlorobenzene 5 U 104-51-8----n-Butylbenzene 5 | U 95-50-1----1,2-Dichlorobenzene 5 U 96-12-8----1,2-Dibromo-3-chloropropane 5 U 120-82-1----1,2,4-Trichlorobenzene 5 IJ 87-68-3-----Hexachlorobutadiene 5 | U 91-20-3----Naphthalene 5 | U 87-61-6----1,2,3-Trichlorobenzene 5 11

SDG No.: MG0125

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Code: MITKEM Case No.:

A TOWN TO A PROPERTY	Constitution in the consti	VBLK6J
Lab Name: MITKEM LABORATORIES	Contract:	·

SAS No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-34730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6202

Level: (low/med) LOW Date Received:

% Moisture: not dec. ____ Date Analyzed: 02/05/08

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: ____(uL) Soil Aliquot Volume: ____(uL)

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

	COMPOUND NAME			_
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	l Q
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VOLATILE METHOD BLANK SUMMARY

VBLK6K

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: MG0125

Lab File ID: V6F6223

Lab Sample ID: MB-34767

Date Analyzed: 02/06/08

Time Analyzed: 1248

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	I			
	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
	==========	=======================================		========
01	V6KLCS	LCS-34767	V6F6224	1338
02	GP6-GW1	G0125-23A	V6F6227	1522
03	GP10-GW1	G0125-24A	V6F6228	1550
04	GP12-GW1	G0125-25A	V6F6229	1619
05	GP11-GW1	G0125-26A	V6F6230	1647
06	GP2-GW1DL	G0125-20ADL	V6F6231	
				1715
07	GP3-GW1	G0125-22A	V6F6233	1812
80	GP9-GW1	G0125-27A	V6F6234	1841
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COMMENTS:	

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FORM IV VOA

OLM03.0

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6K Lab Name: MITKEM LABORATORIES Contract: SAS No.: Lab Code: MITKEM Case No.: SDG No.: MG0125 Matrix: (soil/water) WATER Lab Sample ID: MB-34767 Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6223 Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 02/06/08 Dilution Factor: 1.0 GC Column: DB-624 ID: 0.25 (mm) Soil Aliquot Volume: ___ (uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

1			
75-71-8	Dichlorodifluoromethane		5 U
74-87-3	Chloromethane		5 T
75-01-4	Vinyl Chloride		5 U
	Bromomethane		5 U
75-00-3	Chloroethane	· į	5 U
75-69-4	Trichlorofluoromethane	į	5 U
75-35-4	1,1-Dichloroethene	į	5 U
67-64-1	Acetone	.	5 T
	Iodomethane	į	5 U
75-15-0	Carbon Disulfide	[5 U
	Methylene Chloride	[5 U
156-60-5	trans-1,2-Dichloroethene	į	5 T
1634-04-4	Methyl tert-butyl ether		5 U 5 U 5 U 5 U
75-34-3	1,1-Dichloroethane	,	5 ซ
108-05-4	Vinyl acetate		
78-93-3	2-Butanone		5 U
156-59-2	cis-1,2-Dichloroethene		5 U
590-20-7	2,2-Dichloropropane	Į.	5 บ
74-97-5	Bromochloromethane	Ţ.	5 U
67-66-3	Chloroform	Ţ	5 U
71-55-6	1,1,1-Trichloroethane	2	5 บ
	1,1-Dichloropropene	Ţ	5 U
	Carbon Tetrachloride	1	5 U
107-06-2	1,2-Dichloroethane		5 บ
71-43-2		į	5 T
79-01-6	Trichloroethene	į	5 บ
78-87-5	1,2-Dichloropropane		5 U
74-95-3	Dibromomethane		5 U
75-27-4	Bromodichloromethane		5 U
10061-01-5	cis-1,3-Dichloropropene		5 U
108-10-1	4-Methyl-2-pentanone		5. U
108-88-3	Toluene		5 ט
10061-02-6	trans-1,3-Dichloropropene		5 U
	1,1,2-Trichloroethane		5 U
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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6K Lab Name: MITKEM LABORATORIES Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125 Matrix: (soil/water) WATER Lab Sample ID: MB-34767 Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6223 Date Received: Level: (low/med) LOW % Moisture: not dec. ____ Date Analyzed: 02/06/08 Dilution Factor: 1.0 GC Column: DB-624 ID: 0.25 (mm) Soil Aliquot Volume: ____(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L CAS NO. COMPOUND Q

142-28-9	1,3-Dichloropropane	5	U
	Tetrachloroethene	4	J
	2-Hexanone	5	U
124-48-1	Dibromochloromethane	5	Ū
106-93-4	1,2-Dibromoethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloroethane		U
100-41-4	Ethylbenzene		U
	m,p-Xylene	5	U
	o-Xylene	5	
1330-20-7	Xylene (Total)		
100-42-5	Styrene		
	Bromoform	5	U
	Isopropylbenzene	5	U
	1,1,2,2-Tetrachloroethane	5	U
108-86-1	Bromobenzene	5	U .
96-18-4	1,2,3-Trichloropropane	5	U
	n-Propylbenzene	5	U
95-49-8	2-Chlorotoluene	5	Ū
108-67-8	1,3,5-Trimethylbenzene	5	U
106-43-4	4-Chlorotoluene	5	U
98-06-6	tert-Butylbenzene	5	U
95-63 - 6	1,2,4-Trimethylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
99-87-6	4-Isopropyltoluene	5	U
541-73-1	1,3-Dichlorobenzene	5	ט
	1,4-Dichlorobenzene	5	U
	n-Butylbenzene		Ü
	1,2-Dichlorobenzene		U ·
	1,2-Dibromo-3-chloropropane		Ū
	1,2,4-Trichlorobenzene	5	Ū
	Hexachlorobutadiene		Ū
	Naphthalene	5	Ū
	1,2,3-Trichlorobenzene	5	Ū -
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FORM I VOA

Soil Aliquot Volume: ____(uL)

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM LABO	ORATORIES (Contract:	VELICOTO
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: MG0125
Matrix: (soil/water)	WATER	Lab Sample	ID: MB-34767
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID	: V6F6223
Level: (low/med)	LOW	Date Receive	ed:
% Moisture: not dec.		Date Analyze	ed: 02/06/08
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fac	ctor: 1.0

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Soil Extract Volume: (uL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	0
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VOLATILE METHOD BLANK SUMMARY

VBLK6M

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: MG0125

Lab File ID: V6F6264

Lab Sample ID: MB-34798

Date Analyzed: 02/08/08

Time Analyzed: 1141

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: V6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
		=======================================	=======================================	========
01	V6MLCS	LCS-34798	V6F6265	1222
02	GP2-GW10DL	G0125-21ADL	V6F6266	1302
03	GP4-GW1	G0125-29A	V6F6267	1331
04				
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COMMENTS:		

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FORM IV VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6M Lab Name: MITKEM LABORATORIES Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125 Matrix: (soil/water) WATER Lab Sample ID: MB-34798 Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6264 Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 02/08/08 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: ____(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 75-71-8-----Dichlorodifluoromethane 5 | U 74-87-3-----Chloromethane 5 | U 5 75-01-4-----Vinyl Chloride lυ 5 74-83-9-----Bromomethane U 5 75-00-3-----Chloroethane U 5 5 5 75-69-4-----Trichlorofluoromethane U 75-35-4----1,1-Dichloroethene U 67-64-1-----Acetone U 5 74-88-4-----Iodomethane U 75-15-0-----Carbon Disulfide 5 U 5 75-09-2-----Methylene Chloride U 156-60-5----trans-1,2-Dichloroethene 5 U 1634-04-4----Methyl tert-butyl ether 5 U 75-34-3----1,1-Dichloroethane 5 | U 108-05-4-----Vinyl acetate 5 | U 78-93-3----2-Butanone 5 U

FORM I VOA

156-59-2----cis-1,2-Dichloroethene

590-20-7----2,2-Dichloropropane

71-55-6----1,1,1-Trichloroethane

74-97-5-----Bromochloromethane

563-58-6----1,1-Dichloropropene

107-06-2----1,2-Dichloroethane

78-87-5----1,2-Dichloropropane

75-27-4-----Bromodichloromethane

108-10-1----4-Methyl-2-pentanone

79-00-5----1,1,2-Trichloroethane

10061-01-5----cis-1,3-Dichloropropene

10061-02-6----trans-1,3-Dichloropropene

79-01-6-----Trichloroethene

74-95-3------Dibromomethane

56-23-5-----Carbon Tetrachloride

67-66-3-----Chloroform

71-43-2-----Benzene

108-88-3-----Toluene

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GC Column: DB-624

Dilution Factor: 1.0

VBLK6M

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Matrix: (soil/water) WATER Lab Sample ID: MB-34798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6F6264

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/08/08

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L (

CAS NO.	COMPOUND	(ug/L or ug/K	g) UG/L	Q
142-28-9	1,3-Dichloropropar	ne	5	U
127-18-4	Tetrachloroethene		1	
	2-Hexanone		5	
	Dibromochlorometha	ine	5	υ
106-93-4	1,2-Dibromoethane		: 5	Ū
108-90-7	Chlorobenzene		. 5	_
630-20-6	1,1,1,2-Tetrachlor	coethane	5	Ū
100-41-4	Ethylbenzene		5	Ū
	m,p-Xylene		5	Ū
95-47-6	o-Xylene		5	υ
1330-20-7	Xylene (Total)		5	Ū
100-42-5	Styrene		5	Ū
75-25-2	Bromoform		5	
98-82-8	Isopropylbenzene_		5	U
79-34-5	1,1,2,2-Tetrachlor	oethane	5	שׁ
	Bromobenzene		. 5	ע ו
96-18-4	1,2,3-Trichloropro	pane	5	υ
	n-Propylbenzene		- 5	Ū
	2-Chlorotoluene		5 5 5	U
	1,3,5-Trimethylber	izene		U
	4-Chlorotoluene		5	U
98-06-6	tert-Butylbenze ne		. 5 5	U
95-63-6	1,2,4-Trimethylber	zene	5	U
135-98-8	sec-Butylbenzene		5	U
99-87-6	4-Isopropyltoluene		5	U
	1,3-Dichlorobenzer		5	U
	1,4-Dichlorobenzer	ıe	5 5 5	U
	n-Butylbenzene		5	Ū
	1,2-Dichlorobenzen		5	ט
96-12-8	1,2-Dibromo-3-chlc	ropropane	5	U
120-82-1	1,2,4-Trichloroben	zene	5	U
	Hexachlorobutadien	ie	- 5	U
	Naphthalene		5	U
87-61-6	1,2,3-Trichloroben	zene	5	ַּט

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA	SAMPLE	NO
-----	--------	----

Soil Aliquot Volume: ____(uL)

Lab Name: MITKEM LABO	ORATORIES	Contract	•	VBLK6M
Lab Code: MITKEM	Case No.:	SAS No	·: SI	DG No.: MG0125
Matrix: (soil/water)	WATER		Lab Sample II	D: MB-34798
Sample wt/vol:	5.000 (g/mL) ML		Lab File ID:	V6F6264
Level: (low/med)	LOW	·	Date Received	d:
% Moisture: not dec.			Date Analyzed	d: 02/08/08
GC Column: DB-624	ID: 0.25 (mm)		Dilution Fact	tor: 1.0

Soil Extract Volume:____(uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER COMPOUND NAME RTEST. CONC. Q ====== ========== 5.__ 9. 10. 11.__ 12. 13.____ 15. 16. 17.__ 18._ 19.__ 20. 21.__ 22. 23. 24. 25.__ 26. 27. 28. 29. 30._

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Lab File ID (Standard): V1J3841

Date Analyzed: 02/01/08

Instrument ID: V1

Time Analyzed: 0942

GC Column: DB-624

ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Table Tabl		IS1		IS2 (CBZ)		IS3 (DCB)	
UPPER LIMIT LOWER LIMIT 736599 5.30 1898652 9.94 809804 12.88 11.88 EPA SAMPLE NO.	,	AREA #	RT #	AREA #	RT #	AREA #	RT #
18 19 20	UPPER LIMIT LOWER	AREA # ====================================	6.30 5.30 5.30 5.81 5.81 5.81 5.82 5.83 5.83 5.83 5.83 5.83 5.83 5.84 5.84 5.84	AREA # ====================================	9.94 8.94 ====== 9.44 9.44 9.45 9.45 9.47 9.47 9.47 9.47	AREA # ====================================	12.88 11.88 ======= 12.39 12.39 12.41 12.41 12.41 12.42 12.42 12.42 12.42 12.42
21	16						

= Fluorobenzene IS1

= Chlorobenzene-d5 (CBZ)

= 1,4-Dichlorobenzene-d4 (DCB)

AREA UPPER LIMIT = +100% of internal standard area AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT

RT LOWER LIMIT = ~ 0.50 minutes of internal standard RT

page 1 of 1

FORM VIII VOA

[#] Column used to flag values outside QC limits with an asterisk.

^{*} Values outside of QC limits.

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Lab File ID (Standard): V6F6181

Date Analyzed: 02/04/08

Instrument ID: V6

Time Analyzed: 0931

GC Column: DB-624

ID: 0.25 (mm) Heated Purge: (Y/N) N

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
		AKEA #		=========	======	======================================	======
	12 HOUR STD	1472737	6.23	1477301	9.89	811308	12.78
	UPPER LIMIT	2945474	6.73	2954602	10.39	1622616	13.28
	LOWER LIMIT	736369	5.73	738651	9.39	405654	12.28
	==========	========	======	========	======	========	======
	EPA SAMPLE						
	NO.						İ
	=======================================	========	======	1465000	======	=======================================	======
01	VBLK6I	1472496	6.22	1467289	9.88	780777	12.79
02	V6ILCS	1426212	6.23 6.23	1449380 1349043	9.89 9.89	801204 737059	12.78 12.79
03	GP7-GW1 GW204S-01	1353829 1398583	6.22	1387490	9.88	740610	12.79
04 05	GW2045-01 GP5-GW1	1342952	6.22	1335063	9.88	712623	12.79
05	GW2	1288334	6.22	1280629	9.88	684173	12.79
07	GP1-GW1	1339179	6.23	1355785	9.89	739457	12.79
08	GW1	1302136	6.22	1318138	9.88	701596	12.79
09							
10							
11							
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17 18							
19						ļ	l
20							
21							
22							

IS1

= Fluorobenzene

IS2

(CBZ)

= Chlorobenzene-d5

IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT RT LOWER LIMIT = - 0.50 minutes of internal standard RT

[#] Column used to flag values outside QC limits with an asterisk.

^{*} Values outside of QC limits.

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG0125

Lab File ID (Standard): V6F6201 Date Analyzed: 02/05/08

Instrument ID: V6 Time Analyzed: 1010

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1		IS2 (CBZ)		IS3 (DCB)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
==========	=======	======	========	======	=========	======
12 HOUR STD	1527960	6.22	1353721	9.88	737503	12.79
UPPER LIMIT	3055920	6.72	2707442	10.38	1475006	13.29
LOWER LIMIT	763980	5.72	676861	9.38	368752	12.29
=======================================	========	======	========	======	========	======
EPA SAMPLE						
NO.			*			
01 VBLK6J	1632858	6.23	1298586	9.88	CE241C	10.70
01 VBLK6J 02 V6JLCS	1711310	6.23	1423994	9.89	652416 753837	12.79 12.79
02 V6JLCSD	1703618	6.23	1409851	9.88	746283	12.79
04 TRIPBLANK	1624243	6.23	1289381	9.89	635010	12.79
05 GW2DL	1583160	6.23	1254322	9.89	622912	12.79
06 GP1-GW1DL	1634415	6.23	1281492	9.89	635526	12.79
07 GW1DL	1530178	6.23	1219844	9.89	594692	12.79
08 GW205S-01	1561460	6.23	1237565	9.89	608686	12.79
09 GP2-GW1	1559319	6.23	1272467	9.89	667473	12.79
10 GP2-GW10	1698090	6.23	1334683	9.89	703623	12.79
11						
12						
13 14						
15						
16						
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19						
20					,	
21						
22						

IS1 = Fluorobenzene

IS2 (CBZ) = Chlorobenzene-d5

IS3 (DCB) = 1.4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

page 1 of 1

FORM VIII VOA

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Lab File ID (Standard): V6F6222

Date Analyzed: 02/06/08

Instrument ID: V6

Time Analyzed: 1208

GC Column: DB-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

		IS1		IS2 (CBZ)		IS3 (DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	=========	========	======	========	======	========	======
	12 HOUR STD	1499942	6.23	1237348	9.89	658718	12.79
	UPPER LIMIT	2999884	6.73	2474696	10.39	1317436	13.29
	LOWER LIMIT	749971	5.73	618674	9.39	329359	12.29
	=========	========	=======	========	======	========	======
	EPA SAMPLE						
	NO.	!					
0.7	======================================	1550761		1020644	======	========	======
01	VBLK6K	1559761	6.23	1238644	9.89	599003	12.79
02	V6KLCS	1550419	6.23	1280221 1254580	9.88	676765	12.79
03	GP6-GW1	1576721 1537002	6.23 6.23	1222727	9.89 9.89	626032	12.79
04 05	GP10-GW1 GP12-GW1	1512803	6.23	1201406	9.89	619410 592729	12.79 12.79
05	GP12-GW1 GP11-GW1	1424518	6.23	1139306	9.89	560034	12.79
07	GP11-GW1 GP2-GW1DL	1462605	6.23	1150169	9.89	567142	12.79
08	GP3-GW1DL	1452518	6.23	1153554	9.89	574929	12.79
09	GP9-GW1	1364615	6.23	1069703	9.89	524002	12.79
10	017 011	7304073	0.23	1005705	٥.05	224002	12.75
11							
12						**	
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$\overline{14}$,				
15					. ———		
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21							
22							

= Fluorobenzene IS1

IS2 (CBZ) = Chlorobenzene-d5

(DCB) = 1,4-Dichlorobenzene-d4 IS3

AREA UPPER LIMIT = +100% of internal standard area AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT RT LOWER LIMIT = - 0.50 minutes of internal standard RT

page 1 of 1

FORM VIII VOA

[#] Column used to flag values outside QC limits with an asterisk.

^{*} Values outside of QC limits.

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MG0125

Lab File ID (Standard): V6F6261

Date Analyzed: 02/08/08

Instrument ID: V6

Time Analyzed: 0937

GC Column: DB-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

		IS1		IS2 (CBZ)		IS3 (DCB)	<u> </u>
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	=========	=======		========	======	========	
	12 HOUR STD	1423504	6.23	1166863	9.88	635047	12.79
	UPPER LIMIT	2847008	6.73	2333726	10.38	1270094	13.29
	LOWER LIMIT	711752	5.73	583432	9.38	317524	12.29
	========	=======	======	========	======	========	======
	EPA SAMPLE						
	NO.						
	========	========	======	========	======	=======	======
01	VBLK6M	1407945	6.22	1105332	9.89	534366	12.79
02	V6MLCS	1470534	6.23	1199771	9.89	657639	12.79
03 04	GP2-GW10DL GP4-GW1	1464279	6.22	1146305	9.88	563645	12.79
05	GP4-GW1	1391622	6.23	1096903	9.89	549322	12.79
06							
07							
08							
09							
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19	· · · · · · · · · · · · · · · · · · ·						
20 21							
22							
22				l			

IS1

= Fluorobenzene

IS2

(CBZ)

= Chlorobenzene-d5

IS3

(DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = + 0.50 minutes of internal standard RT RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

page 1 of 1

FORM VIII VOA

143 Midler Park Drive Syracuse, NY 13206 (315) 431-9730 www.CentekLabs.com

MitKem Division of Spectrum Analytical, Inc.



Sample Data Package January 29, 2008

> G0143 C0802002

Volume 1 of 1

- Work Order Summary
- Analytical Results Summary
- Quality Control Summary
- Sample Data
- Standards Data
- Raw Data
- Logbooks

CONFIDENTIAL

GC/MS TO-15 Package Review Checklist

GO/43

Project GO/43 & GO/44 SDG: (

lient: Mithem Proje	ct: (=0143 & G0144 SDG:	<u>(0802002</u>
		YES NO NA
		<u> </u>
nalytical Results	Present and complete	<u> </u>
entatively Identified Compounds	Present and complete	
	Holding times met	
Comments :	<u> </u>	
	<u> </u>	<u> </u>
Internal Chain-of-Custody	Present and complete	<u> </u>
Surrogate Recovery Forms	Present and complete	✓ — —
Surrogaes resolvery a se	Surrogate recoveries within limits	<u> </u>
	Sample(s) reanalyzed	
Comments :	CASE NARRATINE	
	CASE MARKET	
		./
Lab. Control Sample	Present and complete Spike recoveries within limits	
Comments:	Spike recoveres within mines	
	CASE NARRATIVE	
		. ,
Duplicate Analysis Form	Present and complete	/
- - · · · · · · · · · · · · · · · · · ·	Results within control limits	
Comments:	ms/msn	
X No		
i		
IDLs	Present and complete	
Sample Raw data	Present and complete	<u> </u>
Sample Itan unu	TIC spectra present for all sample	$\overline{}$
Comments :		<u> </u>

GC/MS TO-15 Package Review Checklist

Client: Milkem 1	Project: 50/93 a GO144 SDG: 6802002
	YES NO NA
Standards Data	-
nitial calibration summary form	Present and complete
milai canoration sunitiary torin	calibration(s) met criteria
3-17iiffaction gymmost	Present and complete
Calibration verification summary	calibration(s) met criteria
•	Campragon(s) mot official
	Present and complete
Standards Raw Data	Present and complete
Comments:	TE CACE LIACOATTY
X _51	EE CASE NARRATIVE
Dan Owalitz Control Data	
Raw Quality Control Data	
Tune Criteria Report	Present and met criteria
Method Blank Data	Method blank results < PQL
METHOR PISHE Data	Associated results flagged "B"
Lab. Control sample data	Present and Complete
Duplicate sample data	Present and Complete
Dupiteate sample data	
Comments:	
Calculation Sheet	Present
	,
Injection Log	Present and complete
Canister Cleaning Log	Present and complete
	/
Standards Log	Present and complete
Starten on mod	
Ard district and Comments	
Additional Comments:	
·	
<u> </u>	
i de la companya de l	Date: 3/7/0†
Section Supervisor:	Date: 3/7/01
h	1.01
QC Reviewer:	Date: 3/7/0

ASP CAT B LIKE DELIVERABLE PACKAGE Table of Contents

- 1. Package Review Check List
- 2. Case Narrative
 - a. Corrective actions
- 3. Sample Summary Form
- 4. Sample Tracking History
- 5. Bottle Order
- 6. Analytical Results
 - a, Form 1
- 7. Quality Control Summary
 - a. QC Summary Report
 - b. IS Summary Report
 - c. MB Summary Report
 - d. LCS Summary Report
 - e. MSD Summary Report
 - f. IDL's
 - g. Calculation
- 8. Sample Data
 - a. Form I and (if requested) TIC's
 - b. Quantitation Report with Spectra
- 9. Standards Data
 - a. Initial Calibration with Quant Report
 - b. Continuing Calibration with Quant Report
- 10. Raw Data
 - a. Tuning Data
- 11. Raw QC Data
 - a. Method Blank
 - b. LCS
 - c. MS/MSD
- 12. Log Books
 - a. Injection Log Book
 - b. Standards Log Book
 - c. QC Canister Log Book

MitKem A Division of Spectrum Analytical,

CLIENT: Project: CDM/G0143

Lab Order: C0802002

CASE NARRATIVE

Date: 24-Mar-08

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination. Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

See Corrective Action: [1040] Surrogate did not meet criteria.

See Corrective Action: [1041] IS did not meet criteria. See Corrective Action: [1042] LCS did not meet criteria.

See Corrective Action: [1043] Surrogate did not meet criteria.

See Corrective Action: [1044] IS did not meet criteria. See Corrective Action: [1045] LCS did not meet criteria. See Corrective Action: [1046] CC did not meet criteria.

Corrective Action Report

07-Feb-08 Date Initiated:

Leo Lucisano

Corrective Action Report ID: 1040

Department: MSVOA

Corrective Action Description

CAR Summary:

Initiated By:

Surrogate did not meet criteria.

Description of Nonconformance:

Surrogate was high and did not meet criteria for sample C0802002-003. This is most likely due to matrix. Based on the chromatographic evidence, it appears that the

contamination is from a high concentration of fuel.

Description of Corrective Action: Sample was analyzed as a dilution with result meeting criteria. All sets of data submitted.

Performed By:

Leo Lucisano

Completion Date: 08-Feb-08

Client Notification

Client Notification Required:

Notified By:

Comment:

Quality Assurance Review

Nonconformance Type:

Deficiency

Further Action

No further corrective action taken. All sets of data submitted.

required by QA:

Approval and Closure

Technical Director /

Deputy Tech. Dir.:

Russell Pellegrino

Close Date: 09-Feb-08

QA Officer Approval:

QA Date: 08-Feb-08

Corrective Action Report

Date Initiated: 07-Feb-08 Corrective Action Report ID: 1041

Initiated By: Leo Lucisano Department: MSVOA

Corrective Action Description

CAR Summary: IS did not meet criteria.

Description of IS was high and did not meet criteria for samples C0802002-001, 002, 003, 004 &

Nonconformance: 004DL20. This is most likely due to matrix. Based on the chromatographic evidence, it

appears that the contamination is from a high concentration of fuel.

Description ofSamples C0802002-001 & 004 were analyzed as dilutions with results meeting criteria.

Corrective Action:
The remaining samples C0802002-002 & 003 were analyzed further as dilutions with

similar results. All sets of data submitted.

Performed By: Leo Lucisano Completion Date: 08-Feb-08

Client Notification

Client Notification Required: No Notified By:

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action No further corrective action taken. All sets of data submitted.

required by QA:

Approval and Closure

Technical Director /

Deputy Tech. Dir.:

Russell Pellegrino/

QA Officer Approval:

Nick Socia

QA Date: 08-Feb-08

Close Date: 09-Feb-08

Last Updated BY leo

Updated:

28-Feb-2008 4:49 PM

Reported: 28-Feb-2008 4:49 PM

Page 6 of 354.

Corrective Action Report

Date Initiated: 07-Feb-08

Leo Lucisano

Corrective Action Report ID: 1042

Department: MSVOA

Corrective Action Description

CAR Summary:

Initiated By:

LCS did not meet criteria.

Description of Nonconformance:

LCS1UT-020708 did not meet criteria for allyl chloride, 1,1-dichloroethene, propylene & isopropyl alcohol. The compounds in question were more sensitive. All other QC

requirements met criteria. The sample results would have been biased high; however, the

compounds of interest were not detected in associated samples.

Description of Corrective Action:

Since all other QC requirements were met and the results would have been biased high for the compounds of interest, no corrective action taken at this time. If results continue

to be outside established limits then recalibrate system. All sets of data submitted.

Performed By:

Leo Lucisano

Completion Date: 08-Feb-08

Client Notification

Client Notification Required:

Nο

Notified By:

Comment:

Quality Assurance Review

Nonconformance Type:

Deficiency

Further Action required by QA:

At this time no further corrective action taken. If results continue to be outside acceptable

limits than recalibrate system. All sets of data submitted.

Approval and Closure

Technical Director /

Deputy Tech. Dir.:

Russell Pellegrino

Nick Scala

QA Date: 08-Feb-08

Close Date: 09-Feb-08

QA Officer Approval:

Last Updated BY leo

Updated:

28-Feb-2008 4:58 PM

Reported: 28-Feb-2008 4:58 PM

Corrective Action Report

Date Initiated: 09-Feb-08 Corrective Action Report ID: 1043

Initiated By: Leo Lucisano Department: MSVOA

Corrective Action Description

CAR Summary:

Surrogate did not meet criteria.

Description of

Surrogate was low and did not meet criteria for sample C0802002-007DL40. This is most

Nonconformance: likely due to matrix.

Description of **Corrective Action:** Sample was analyzed at a higher concentration with result meeting criteria. All sets of

data submitted.

Performed By:

Leo Lucisano

Completion Date: 10-Feb-08

Client Notification

Client Notification Required:

Notified By:

Comment:

Quality Assurance Review

Nonconformance Type:

Deficiency

Further Action required by QA: No further corrective action taken. All sets of data submitted.

Approval and Closure

Technical Director /

Deputy Tech. Dir.:

Russell/Pellegrino

QA Officer Approval:

Close Date: 11-Feb-08

QA Date: 10-Feb-08

Last Updated BY leo

Updated:

24-Mar-2008 11:28 AM

Reported: 24-Mar-2008 11:28 A

Corrective Action Report

Date Initiated: 09-Feb-08 Corrective Action Report ID: 1044

Initiated By: Leo Lucisano Department: MSVOA

Corrective Action Description

CAR Summary: IS did not meet criteria.

Description of IS was high and did not meet criteria for samples C0802002-002DL10, 002DL40,

003DL10, 003DL40, 005, 006, 007 & 008. This is most likely due to matrix. Based on the Nonconformance:

chromatographic evidence, it appears that the contamination is from a high concentration

of fuel.

Description of

Samples C0802002-002DL10, 002DL40, 003DL10 & 003DL40 were analyzed at higher Corrective Action:

concentrations with similar results. The remaining samples C0802002-005, 006, 007 & 008 were analyzed further as dilutions with results meeting criteria. All sets of data

submitted.

Performed By: Leo Lucisano Completion Date: 10-Feb-08

Client Notification

Client Notification Required: Notified By:

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action No further corrective action taken. All sets of data submitted. required by QA:

Approval and Closure

Technical Director /

Deputy Tech. Dir.:

Russell Pellegrino

QA Officer Approval:

QA Date: 10-Feb-08

Close Date: 11-Feb-08

Last Updated BY leo

Updated:

24-Mar-2008 11:46 AM

Reported: 24-Mar-2008 11:46 A

Page 9 of 354.

Corrective Action Report

Date Initiated: 09-Feb-08 Corrective Action Report ID: 1045

Initiated By: Leo Lucisano Department: MSVOA

Corrective Action Description

LCS did not meet criteria. **CAR Summary:**

Description of Nonconformance:

LCS1UT-020908 did not meet criteria for 1,2,4-trichlorobenzene. The compound was less sensitive. However, all other QC requirements met criteria. The LCS 6 Liter canister was independent of the 6 Liter continuing calibration canister. The next sequence of

samples to be analyzed will require a new LCS standard.

Description of Corrective Action:

Since all other QC requirements met criteria and the LCS 6 Liter canister was independent of the continuing calibration 6 Liter canister, no corrective action taken at this time. The next sequence of samples to be analyzed will require a new LCS standard.

If results continue to be outside established limits then recalibrate system. All sets of

data submitted.

Performed By: Leo Lucisano Completion Date: 10-Feb-08

Client Notification

Client Notification Required:

Notified By:

Comment:

Quality Assurance Review

Nonconformance Type: Deficiency

Further Action

required by QA:

At this time no further corrective action taken. If results continue to be outside acceptable

limits than recalibrate system. All sets of data submitted.

Approval and Closure

Technical Director /

Deputy Tech. Dir.:

Russell Pellegrino

Close Date: 11-Feb-08

QA Officer Approval:

QA Date: 10-Feb-08

Last Updated BY leo

Updated:

28-Feb-2008 5:40 PM

Reported: 28-Feb-2008 5:40 PM

Page 10 of 354.

Corrective Action Report

Date Initiated: 09-Feb-08 Initiated By: Leo Lucisano Corrective Action Report ID: 1046

Department: MSVOA

Corrective Action Description

CAR Summary:

CC did not meet criteria.

Description of Nonconformance: Continuing calibration did not meet criteria on 2/9/08 for bromoform & benzyl chloride. The compounds in question were more sensitive and were not detected in associated

samples. The results would have been biased high.

Description of Corrective Action: Since the compounds of interest were not detected in the associated samples and the results would have been biased high, no corrective action taken at this time. If results continue to be outside established limits then recalibrate system. All sets of data

submitted.

Performed By:

Leo Lucisano

Completion Date: 10-Feb-08

Client Notification

Client Notification Required:

No

Notified By:

Comment:

Quality Assurance Review

Nonconformance Type:

Deficiency

Further Action

At this time no further corrective action taken. If results continue to be outside acceptable

limits than recalibrate system. All sets of data submitted. required by QA:

Approval and Closure

Technical Director /

Deputy Tech. Dir.:

Russell Pellegrino

QA Date: 10-Feb-08

Close Date: 11-Feb-08

QA Officer Approval:

Last Updated BY leo

Updated:

28-Feb-2008 5:46 PM

Reported: 28-Feb-2008 5:46 PM

Report Level Level 1 Level 1 X Cat "B" Like	art/Ste	20/5.5 29/9 27/1 27/9	29/14	www.CentekLabs.com
Special Limit Special Limit Special Sp	Phone: Fax: Email: Comments			Date/Time Courier:
10 M-NV	4500 Phone 4507 Email Email Analysis Request	10-15 0-15 10-15 70-15	2-6	Date (A)
of Custody Site Name: Project: Polf: Polf: Polf: Other: Inpany: CDM Port: John Blaum Port: John Blaum	518-782 318-782 812-10 Regulator Number 296	147	2 63 7	Signeture Signeture
Chain of Custody Emergency: 315-416-2751 / 416-2752 Due Company: CDA Date: Report: John	% Phone: % Fax: % Email: Date Sampled Canister Number	80000	108 413 108 422 108 422	der.
ax: 315-431-9731 Check Rush TAT One surcharge %	7000 1500 1500 1500 1500 1500 1500 1500	152/1	13 c 1/3 c 1	Frint Name Frint Name Frint Name
Centek Laboratories, LLC 143 Midler Park Drive Syracuse, NY 13206 Phone: 315-431-9730 Fax: 315-431-9731 Check Rush 7 Check Rush 7 Check Rush 7 Check Rush 36% 6 Business Days 7 Business Days	3 Business Days 2 Business Days Next Day by 5pm Next Day by Noon Same Day Same Day	828 149-695-50 828/49-693-50 828/49-693-50, 828/49-691-50	49-69	Chain of Custody Sampled by: Relinquished by: Received at Lab by:

Sample Receipt Checklist

Client Name MITKEM	7	ü	Date and Tir	ne Receive		2/1/2008
Work Order Numbe C0802002			Received by	MSP		
Checklist completed by Signature	7 // Date	08	Reviewed by	Initial	, ·	2/1/04 Date
Matrix:	Carrier name	<u>UPS</u>	,			
Shipping container/cooler in good condition?		Yes 🗹	No 🗆	Not Presen		
Custody seals intact on shippping container/coo	ler?	Yes 🗌	No 🗌	Not Presen	✓	
Custody seals intact on sample bottles?		Yes 🗌	No 🗆	Not Presen	\checkmark	
Chain of custody present?		Yes 🗹	No 🗆			
Chain of custody signed when relinquished and	received?	Yes 🗹	No 🗌			,
Chain of custody agrees with sample labels?		Yes 🗹	No 🗆			
Samples in proper container/bottle?		Yes 🗹	No 🗆			
Sample containers intact?		Yes 🗹	No 🗌			
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌			
All samples received within holding time?		Yes 🗹	No 🗀			
Container/Temp Blank temperature in complian	ce?	Yes 🗌	No 🗹			
Water - VOA vials have zero headspace?	No VOA vials subr	nitted 🗹	Yes 🗆] No 🗆]	
Water - pH acceptable upon receipt?		Yes 🗌	No 🗹			
	Adjusted?		Checked b			
	out he state that he shall		_1 to _			
Any No and/or NA (not applicable) response mu					==:	
Client contacted	Date contacted:		Per	son contacted	l <u></u>	
Contacted by:	Regarding					
Comments:						
						·
					•	
Corrective Action						

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Project: CDM/G0143 Lab Order: C0802002

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C0802002-001A	828149-GP4-SVI	419, 296	1/29/2008	2/1/2008
C0802002-002A	828149-GP5-SVI	78, 147	1/29/2008	2/1/2008
C0802002-003A	828149-GP3-SVI	84, 186	1/29/2008	2/1/2008
C0802002-004A	828149-GP1-SVI	90, 392	1/29/2008	2/1/2008
C0802002-005A	828149-GP6-SVI	463, 79	1/30/2008	2/1/2008
C0802002-006A	828149-GP6-SVIOD	415, 400	1/30/2008	2/1/2008
C0802002-007A	828149-GP8-SVI	412, 63	1/30/2008	2/1/2008
C0802002-008A	828149-GP11-SVI	422, 175	1/30/2008	2/1/2008

Sample ID:	Action:	ActionDate:	Person	NewLocation:
C0802002-001A	Login	2/1/2008 4:09:58 PM	MIKE	Sample Log In
C0802002-007A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log in
C0802002-006A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log in
C0802002-005A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-004A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-003A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-002A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-008A	Login	2/1/2008 4:16:38 PM	MIKE	Sample Log In
C0802002-002A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-003A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-008A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-004A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-005A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-001A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-007A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-006A	Transfer	2/7/2008 4:33:10 PM	ADM	GC/MS Lab
C0802002-005A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-001A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-002A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-004A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-006A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-007A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-008A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed
C0802002-003A	Mark as Consumed	2/12/2008 3:01:24 PM	ADM	Consumed

143 Midler Park Drive Syracuse, NY 13206

TEL: 3154319730

FAX: 3154319731

BOTTLE ORDER

919

28-Feb-08

SHIPPED TO:

Company: CDM

Contact:

Mr. John Blaum

Address:

15 Cornell Road

Latham, NY 12110

Phone:

Project:

(401) 732-3400

Quote ID: 0

Submitted By:

Ship Date: 1/23/2008

VIA: Fed ex

Due Date: 1/25/2008

Bottle Code	Bottle Type	TEST(s)	QTY

MC1000CC	1000cc Mini-Can	1ug/m3 w/ 0.25ug/M3 CT-TCE-VC	13

MC1000CC	1000cc Mini-Can	1ug/m3 w/ 0.25ug/M3 CT-TCE-VC	1;
Can / Reg ID	Description		
310	Time-Set Reg - 733		
296	Time-Set Reg - 719		
119	Time-Set Reg - 623		
175	Time-Set Reg - 658		
147	Time-Set Reg - 642		
186	Time-Set Reg - 657		
63	Time-Set Reg - 839R		
78 ₹	1L Mini-Can		
79	Time-Set Reg		
400	Time-Set Reg - 779		
403	Time-Set Reg - 782		
392	Time-Set Reg - 771		
372	Time-Set Reg - 746		
328	1L Mini-Can - 1291		
363	1L Mini-Can - 1312		
419√	1L Mini-Can - 1343		
463 🗸	1L Mini-Can - 1366		
415 🗸	1L Mini-Can		
84 🗸	1L Mini-Can - 1093		
90 🗸	1L Mini-Can - 1096		
422 🗸	1L Mini-Can - 1349		
412 🗸	1L Mini-Can - 1336		
332 🗸	1L Mini-Can - 1295		
237 <	1L Mini-Can - 1168		
286	1L Mini-Can - 1262		

Comments: 13(1L)2hrs WAC011608 A-D WAC011808 A-F

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

ANALYTICAL RESULTS

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP4-SVI

Lab Order:

C0802002

Tag Number: 419, 296

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-001A

Matrix: AIR

Analyses	Result	Limit Qı	ıal Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-4		"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	0.210	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.150	0.150	ppbV	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Acetone	13.1	3.00	ppbV	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Benzene	0.730	0.150	ppbV	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Bromoform	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Carbon disulfide	1.18	0.150	ppbV	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.0400	0.0400	ppbV	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.140	0.150	J ppbV	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.150	Vdqq	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Cyclohexane	6.70	1.50	ppbV	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Ethyl acetate	0.410	0.250	ppbV	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.190	0.250	ppbV	1	2/8/2008 10:57:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: Lab Order: MitKem A Division of Spectrum Analytical,

C0802002

Project:

CDM/G0143

Lab ID:

C0802002-001A

Client Sample ID: 828149-GP4-SVI

Tag Number: 419, 296 Collection Date: 1/29/2008

Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
IUG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
Freon 11	0.190	0.150	ppbV	1	2/8/2008 10:57:00 AM
Freon 113	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Freon 114	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Freon 12	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Heptane	0.750	0.150	ppbV	1	2/8/2008 10:57:00 AM
Hexachloro-1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Hexane	14.5	1.50	ppbV	10	2/8/2008 11:30:00 AM
isopropyl alcohol	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
m&p-Xylene	0.480	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl Butyl Ketone	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl Ethyl Ketone	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl Isobutyl Ketone	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl tert-butyl ether	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Methylene chloride	0.170	0.150	ppbV	1	2/8/2008 10:57:00 AM
o-Xylene	0.160	0.150	ppbV	1	2/8/2008 10:57:00 AM
Propylene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Styrene	0.320	0.150	ppbV	1	2/8/2008 10:57:00 AM
Tetrachloroethylene	0.230	0.150	ppbV	1	2/8/2008 10:57:00 AM
Tetrahydrofuran	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Toluene	4.20	1.50	ppbV	10	2/8/2008 11:30:00 AM
trans-1,2-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
trans-1,3-Dichloropropene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Trichloroethene	0.0400	0.0400	ppbV	1	2/8/2008 10:57:00 AM
Vinyl acetate	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Vinyl Bromide	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Vinyl chloride	ND	0.0400	ppbV	1	2/8/2008 10:57:00 AM
Surr: Bromofluorobenzene	93.0	70-130	%REC	1	2/8/2008 10:57:00 AM

n	110	н	f	or	

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Lab Order:

C0802002

Project:

CDM/G0143

Lab ID:

C0802002-001A

Client Sample ID: 828149-GP4-SVI

Tag Number: 419, 296 **Collection Date:** 1/29/2008

Matrix: AIR

Analyses	Result	Limit	Qual (J nits	DF	Date Analyzed
FIELD PARAMETERS		FL	D			Analyst:
Vacuum Reading "Hg	0	0	ŧ	g/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то-	15			Analyst: LL
1,1,1-Trichloroethane	ND	0.832		g/m3	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05	u	g/m3	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.832	u	g/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.617	u	g/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.605	u	g/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	1.13	u	g/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	1.05	0.749	u	g/m3	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	1.17	u	g/m3	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.917	u	g/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.617	u	g/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.705	ш	g/m3	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.750	u	ıg/m3	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.337	u	ıg/m3	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.917		ıg/m3	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.917		ıg/m3	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	1.10	u	ig/m3	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.712	0.712	u	ıg/m3	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.750	u	ıg/m3	1	2/8/2008 10:57:00 AM
Acetone	31.6	7.24	u	g/m3	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.477	u	g/m3	1	2/8/2008 10:57:00 AM
Benzene	2.37	0.487	u	g/m3	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.877	u	g/m3	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	1.02	u	g/m3	1	2/8/2008 10:57:00 AM
Bromoform	ND	1.58	Ų	g/m3	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.592	u	g/m3	1	2/8/2008 10:57:00 AM
Carbon disulfide	3.73	0.475	u	g/m3	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.256	0.256		g/m3	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.655	0.702		g/m3	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.402		g/m3	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.744		g/m3	1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.315		g/m3	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene	ND	0.604		g/m3	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene	ND	0.692		g/m3	1	2/8/2008 10:57:00 AM
Cyclohexane	23.4	5.25		g/m3	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	1.30		g/m3	1	2/8/2008 10:57:00 AM
Ethyl acetate	1.50	0.916		g/m3	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.839	0.662		g/m3	1	2/8/2008 10:57:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP4-SVI

Lab Order:

C0802002

Tag Number: 419, 296

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-001A

Matrix: AIR

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	15		Analyst: LL
Freon 11	1.09	0.857	ug/m3	1	2/8/2008 10:57:00 AM
Freon 113	ND	1.17	ug/m3	1	2/8/2008 10:57:00 AM
Freon 114	ND	1.07	ug/m3	1	2/8/2008 10:57:00 AM
Freon 12	ND	0.754	ug/m3	1	2/8/2008 10:57:00 AM
Heptane	3.12	0.625	ug/m3	1	2/8/2008 10:57:00 AM
Hexachloro-1,3-butadiene	ND	1.63	ug/m3	1	2/8/2008 10:57:00 AM
Hexane	51.9	5.37	ug/m3	10	2/8/2008 11:30:00 AM
Isopropyl alcohol	ND	0.375	ug/m3	1	2/8/2008 10:57:00 AM
m&p-Xylene	2.12	1.32	ug/m3	1	2/8/2008 10:57:00 AM
Methyl Butyl Ketone	ND	1.25	ug/m3	1	2/8/2008 10:57:00 AM
Methyl Ethyl Ketone	ND	0.899	ug/m3	1	2/8/2008 10:57:00 AM
Methyl Isobutyl Ketone	ND	1.25	ug/m3	1	2/8/2008 10:57:00 AM
Methyl tert-butyl ether	ND	0.550	ug/m3	1	2/8/2008 10:57:00 AM
Methylene chloride	0.600	0.530	ug/m3	1	2/8/2008 10:57:00 AM
o-Xylene	0.706	0.662	ug/m3	1	2/8/2008 10:57:00 AM
Propylene	ND	0.262	ug/m3	1	2/8/2008 10:57:00 AM
Styrene	1.39	0.649	ug/m3	1	2/8/2008 10:57:00 AM
Tetrachloroethylene	1.59	1.03	ug/m3	1	2/8/2008 10:57:00 AM
Tetrahydrofuran	ND	0.450	ug/m3	1	2/8/2008 10:57:00 AM
Toluene	16.1	5.75	ug/m3	10	2/8/2008 11:30:00 AM
trans-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 10:57:00 AM
trans-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 10:57:00 AM
Trichloroethene	0.218	0.218	ug/m3	1	2/8/2008 10:57:00 AM
Vinyl acetate	ND	0.537	ug/m3	1	2/8/2008 10:57:00 AM
Vinyl Bromide	ND	0.667	ug/m3	1	2/8/2008 10:57:00 AM
Vinyl chloride	ND	0.104	ug/m3	1	2/8/2008 10:57:00 AM

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

Client Sample ID: 828149-GP5-SVI

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002 **Tag Number:** 78, 147 Collection Date: 1/29/2008 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-002A

Analyses	Result	Limit (Qual \	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD	,			Analyst:
Vacuum Reading "Hg	-2		'	"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethane	ND	0.150	ļ	ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trichlorobenzene	ND	0.150	1	ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trimethylbenzene	0.280	0.150	ı	ppbV	1	2/8/2008 12:05:00 PM
1,2-Dibromoethane	ND	0.150	F	ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichlorobenzene	ND	0.150	1	ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
2,2,4-trimethylpentane	0.140	0.150		ppbV	1	2/8/2008 12:05:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Acetone	11.1	3.00		ppbV	10	2/9/2008 11:02:00 PM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Benzene	1.19	0.150	,	ppbV	1	2/8/2008 12:05:00 PM
Benzyl chloride	ND	0.150	,	ppbV	1	2/8/2008 12:05:00 PM
Bromodichloromethane	ND	0.150	Ţ	ppbV	1	2/8/2008 12:05:00 PM
Bromoform	ND	0.150	Ī	ppbV	1	2/8/2008 12:05:00 PM
Bromomethane	ND	0.150	-	ppbV	1	2/8/2008 12:05:00 PM
Carbon disulfide	2.70	1.50	,	ppbV	10	2/9/2008 11:02:00 PM
Carbon tetrachloride	0.0400	0.0400	•	ppbV	1	2/8/2008 12:05:00 PM
Chlorobenzene	ND	0.150	-	ppbV	1	2/8/2008 12:05:00 PM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloroform	0.230	0.150		ppbV	1	2/8/2008 12:05:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
cis-1,2-Dichloroethene	ND	0.150	-	ppbV	1	2/8/2008 12:05:00 PM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Cyclohexane	3.10	1.50	-	ppbV	10	2/9/2008 11:02:00 PM
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Ethyl acetate	13.0	2.50	-	ppbV	10	2/9/2008 11:02:00 PM
Ethylbenzene	0.240	0.150		ppbV	1	2/8/2008 12:05:00 PM

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Ε Value above quantitation range
- Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP5-SVI

Lab Order:

C0802002

Tag Number: 78, 147

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-002A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO	-15			Analyst: LL
Freon 11	1.07	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 114	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Freon 12	0.280	0.150		ppbV	1	2/8/2008 12:05:00 PM
Heptane	1.52	0.150		ppbV	1	2/8/2008 12:05:00 PM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Hexane	5.30	1.50		ppbV	10	2/9/2008 11:02:00 PM
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
m&p-Xylene	0.740	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:05:00 PM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Methylene chloride	0.130	0.150	J	ppbV	1	2/8/2008 12:05:00 PM
o-Xylene	0.250	0.150		ppbV	1	2/8/2008 12:05:00 PM
Propylene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Styrene	1.00	0.150		ppbV	1	2/8/2008 12:05:00 PM
Tetrachloroethylene	0.240	0.150		ppbV	1	2/8/2008 12:05:00 PM
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Toluene	1.30	1.50	J	ppbV	10	2/9/2008 11:02:00 PM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Trichloroethene	0.0600	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 12:05:00 PM
Vinyl chloride	0.320	0.0400		ppbV	1	2/8/2008 12:05:00 PM
Surr: Bromofluorobenzene	103	70-130		%REC	1	2/8/2008 12:05:00 PM

Qualifiers

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP5-SVI

Lab Order:

C0802002

Tag Number: 78, 147

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID: C0802002-002A

Matrix: AIR

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	0	0	ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 12:05:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/8/2008 12:05:00 PM
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 12:05:00 PM
1,1-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 12:05:00 PM
1,1-Dichloroethene	ND	0.605	ug/m3	1	2/8/2008 12:05:00 PM
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/8/2008 12:05:00 PM
1,2,4-Trimethylbenzene	1.40	0.749	ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 12:05:00 PM
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/8/2008 12:05:00 PM
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/8/2008 12:05:00 PM
1,3-butadiene	ND	0.337	ug/m3	1	2/8/2008 12:05:00 PM
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:05:00 PM
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:05:00 PM
1,4-Dioxane	ND	1.10	ug/m3	1	2/8/2008 12:05:00 PM
2,2,4-trimethylpentane	0.665	0.712 J	ug/m3	1	2/8/2008 12:05:00 PM
4-ethyltoluene	ND	0.750	ug/m3	1	2/8/2008 12:05:00 PM
Acetone	26.8	7.24	ug/m3	10	2/9/2008 11:02:00 PM
Allyl chloride	ND	0.477	ug/m3	1	2/8/2008 12:05:00 PM
Benzene	3.86	0.487	ug/m3	1	2/8/2008 12:05:00 PM
Benzyl chloride	ND	0.877	ug/m3	1	2/8/2008 12:05:00 PM
Bromodichloromethane	ND	1.02	ug/m3	1	2/8/2008 12:05:00 PM
Bromoform	ND	1.58	ug/m3	1	2/8/2008 12:05:00 PM
Bromomethane	ND	0.592	ug/m3	1	2/8/2008 12:05:00 PM
Carbon disulfide	8.55	4.75	ug/m3	10	2/9/2008 11:02:00 PM
Carbon tetrachloride	0.256	0.256	ug/m3	10	2/8/2008 12:05:00 PM
Chlorobenzene	0.256 ND	0.702	ug/m3	1	2/8/2008 12:05:00 PM
Chloroethane	ND ND	0.402	•	1	
Chloroform			ug/m3		2/8/2008 12:05:00 PM
	1.14	0.744	ug/m3	1	2/8/2008 12:05:00 PM
Chloromethane	ND	0.315	ug/m3	1	2/8/2008 12:05:00 PM
cis-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 12:05:00 PM
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 12:05:00 PM
Cyclohexane	10.8	5.25	ug/m3	10	2/9/2008 11:02:00 PM
Dibromochloromethane	ND	1.30	ug/m3	1	2/8/2008 12:05:00 PM
Ethyl acetate	47.6	9.16	ug/m3	10	2/9/2008 11:02:00 PM
Ethylbenzene	1.06	0.662	ug/m3	1	2/8/2008 12:05:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002

CDM/G0143

Lab ID:

Project:

C0802002-002A

Client Sample ID: 828149-GP5-SVI

Tag Number: 78, 147 **Collection Date:** 1/29/2008

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO	-15			Analyst: LL
Freon 11	6.11	0.857		ug/m3	1	2/8/2008 12:05:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 12:05:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 12:05:00 PM
Freon 12	1.41	0.754		ug/m3	1	2/8/2008 12:05:00 PM
Heptane	6.33	0.625		ug/m3	1	2/8/2008 12:05:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 12:05:00 PM
Hexane	19.0	5.37		ug/m3	10	2/9/2008 11:02:00 PM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 12:05:00 PM
m&p-Xylene	3.27	1.32		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 12:05:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 12:05:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 12:05:00 PM
Methylene chloride	0.459	0.530	J	ug/m3	1	2/8/2008 12:05:00 PM
o-Xylene	1.10	0.662		ug/m3	1	2/8/2008 12:05:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 12:05:00 PM
Styrene	4.33	0.649		ug/m3	1	2/8/2008 12:05:00 PM
Tetrachloroethylene	1.65	1.03		ug/m3	1	2/8/2008 12:05:00 PM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 12:05:00 PM
Toluene	4.98	5.75	J	ug/m3	10	2/9/2008 11:02:00 PM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/8/2008 12:05:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 12:05:00 PM
Trichloroethene	0.328	0.218		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 12:05:00 PM
Vinyl chloride	0.831	0.104		ug/m3	1	2/8/2008 12:05:00 PM

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP3-SVI

Lab Order: C0802002 **Tag Number:** 84, 186 Collection Date: 1/29/2008 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-003A

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FL	.D			Analyst:
Vacuum Reading "Hg	-2			"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	0.290	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.170	0.150		ppbV	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Acetone	10.3	3.00		ppbV	10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Benzene	0.920	0.150		ppbV	1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromoform	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Carbon disulfide	0.870	0.150		ppbV	1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.0500	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloroform	0.190	0.150		ppbV	1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Cyclohexane	1.10	1.50	J	ppbV	10	2/10/2008 12:08:00 AM
Dibromochloromethane	ND	0.150	-	ppbV	1	2/8/2008 12:39:00 PM
Ethyl acetate	12.7	2.50		ppbV	10	2/10/2008 12:08:00 AM
Ethylbenzene	0.370	0.150		ppbV	1	2/8/2008 12:39:00 PM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Date: 24-Mar-08

MitKem A Division of Spectrum Analytical, CLIENT:

Lab Order: C0802002

Project: CDM/G0143 Lab ID: C0802002-003A Client Sample ID: 828149-GP3-SVI

Tag Number: 84, 186 Collection Date: 1/29/2008

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	-15			Analyst: LL
Freon 11	1.05	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 113	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Freon 114	ND	0.150	i	ppbV	1	2/8/2008 12:39:00 PM
Freon 12	ND	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
Heptane	1.19	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
Hexachloro-1,3-butadiene	ND	0.150	1	ppbV	1	2/8/2008 12:39:00 PM
Hexane	2.50	1.50	ı	ppbV	10	2/10/2008 12:08:00 AM
Isopropyl alcohol	ND	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
m&p-Xylene	1.28	0.300	1	ppbV	1	2/8/2008 12:39:00 PM
Methyl Butyl Ketone	ND	0.300	ı	ppbV	1	2/8/2008 12:39:00 PM
Methyl Ethyl Ketone	ND	0.300	ı	ppbV	1	2/8/2008 12:39:00 PM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM
Methyl tert-butyl ether	ND	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
Methylene chloride	0.240	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
o-Xylene	0.440	0.150	1	ppbV	1	2/8/2008 12:39:00 PM
Propylene	ND	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
Styrene	1.12	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
Tetrachloroethylene	1.50	1.50	ı	ppbV	10	2/10/2008 12:08:00 AM
Tetrahydrofuran	ND	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
Toluene	1.70	1.50	1	ppbV	10	2/10/2008 12:08:00 AM
trans-1,2-Dichloroethene	ND	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.150	1	ppbV	1	2/8/2008 12:39:00 PM
Trichloroethene	0.0800	0.0400	ı	ppbV	1	2/8/2008 12:39:00 PM
Vinyl acetate	ND	0.150	ı	ppbV	1	2/8/2008 12:39:00 PM
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM
Vinyl chloride	ND	0.0400		ppbV	1	2/8/2008 12:39:00 PM
Surr: Bromofluorobenzene	137	70-130	s	%REC	1	2/8/2008 12:39:00 PM
Surr: Bromofluorobenzene	73.0	70-130	•	%REC	10	2/10/2008 12:08:00 AM
NOTES:						

NOTES:

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- JΝ Non-routine analyte. Quantitation estimated.
 - Spike Recovery outside accepted recovery limits
- Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

^{*} Based on the chromatographic evidence, it appears that the contamination is from a fuel. Surrogate reported in original analysis and dilutions.

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP3-SVI

Lab Order: C0802002 **Tag Number:** 84, 186 Collection Date: 1/29/2008 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-003A

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	0	0	ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	5		Analyst: LL
1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.605	ug/m3	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	1.45	0.749	ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.337	ug/m3	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	1.10	ug/m3	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.807	0.712	ug/m3	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.750	ug/m3	1	2/8/2008 12:39:00 PM
Acetone	24.9	7.24	ug/m3	10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.477	ug/m3	1	2/8/2008 12:39:00 PM
Benzene	2.99	0.487	ug/m3	1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.877	ug/m3	1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	1.02	ug/m3	1	2/8/2008 12:39:00 PM
Bromoform	ND	1.58	ug/m3	1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.592	ug/m3	1	2/8/2008 12:39:00 PM
Carbon disulfide	2.75	0.475	ug/m3	1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.320	0.256	ug/m3	1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.702	ug/m3	1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.402	ug/m3	1	2/8/2008 12:39:00 PM
Chloroform	0.943	0.744	ug/m3	1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.315	ug/m3	1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 12:39:00 PM
Cyclohexane	3.85	5.25	J ug/m3	10	2/10/2008 12:08:00 AM
Dibromochloromethane	ND	1.30	ug/m3	1	2/8/2008 12:39:00 PM
Ethyl acetate	46.5	9.16	ug/m3	10	2/10/2008 12:08:00 AM
Ethylbenzene	1.63	0.662	ug/m3	1	2/8/2008 12:39:00 PM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Ε Value above quantitation range

J Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP3-SVI

Lab Order:

C0802002

Tag Number: 84, 186

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-003A

Matrix: AIR

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		ТО-	 15		Analyst: LL
Freon 11	6.00	0.857	ug/m3	1	2/8/2008 12:39:00 PM
Freon 113	ND	1.17	ug/m3	1	2/8/2008 12:39:00 PM
Freon 114	ND	1.07	ug/m3	1	2/8/2008 12:39:00 PM
Freon 12	ND	0.754	ug/m3	1	2/8/2008 12:39:00 PM
Heptane	4.96	0.625	ug/m3	1	2/8/2008 12:39:00 PM
Hexachloro-1,3-butadiene	ND	1.63	ug/m3	1	2/8/2008 12:39:00 PM
Hexane	8.96	5.37	ug/m3	10	2/10/2008 12:08:00 AM
Isopropyl alcohol	ND	0.375	ug/m3	1	2/8/2008 12:39:00 PM
m&p-Xylene	5.65	1.32	ug/m3	1	2/8/2008 12:39:00 PM
Methyl Butyl Ketone	ND	1.25	ug/m3	1	2/8/2008 12:39:00 PM
Methyl Ethyl Ketone	ND	0.899	ug/m3	1	2/8/2008 12:39:00 PM
Methyl Isobutyl Ketone	ND	1.25	ug/m3	1	2/8/2008 12:39:00 PM
Methyl tert-butyl ether	ND	0.550	ug/m3	1	2/8/2008 12:39:00 PM
Methylene chloride	0.847	0.530	ug/m3	1	2/8/2008 12:39:00 PM
o-Xylene	1.94	0.662	ug/m3	1	2/8/2008 12:39:00 PM
Propylene	ND	0.262	ug/m3	1	2/8/2008 12:39:00 PM
Styrene	4.85	0.649	ug/m3	1	2/8/2008 12:39:00 PM
Tetrachloroethylene	10.3	10.3	ug/m3	10	2/10/2008 12:08:00 AM
Tetrahydrofuran	ND	0.450	ug/m3	1	2/8/2008 12:39:00 PM
Toluene	6.51	5.75	ug/m3	10	2/10/2008 12:08:00 AM
trans-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 12:39:00 PM
Trichloroethene	0.437	0.218	ug/m3	1	2/8/2008 12:39:00 PM
Vinyl acetate	ND	0.537	ug/m3	1	2/8/2008 12:39:00 PM
Vinyl Bromide	ND	0.667	ug/m3	1	2/8/2008 12:39:00 PM
Vinyl chloride	ND	0.104	ug/m3	1	2/8/2008 12:39:00 PM
NOTES:			•		

NOTES:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
 - S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

^{*} Based on the chromatographic evidence, it appears that the contamination is from a fuel. Surrogate reported in original analysis and dilutions.

Date: 24-Mar-08

CLIENT: Lab Order: MitKem A Division of Spectrum Analytical,

C0802002

Project:

CDM/G0143

Lab ID:

C0802002-004A

Client Sample ID: 828149-GP1-SVI

Tag Number: 90, 392

Collection Date: 1/29/2008

Matrix: AIR

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-3		"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	0.220	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,1-Dichloroethane	7.40	3.00	ppbV	20	2/8/2008 2:14:00 PM
1,1-Dichloroethene	230	192	ppbV	1280	2/10/2008 11:13:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,2,4-Trimethylbenzene	0.290	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
1,4-Dioxane	ND	0.300	ppbV	1	2/8/2008 1:13:00 PM
2,2,4-trimethylpentane	0.900	0.150	ppbV	1	2/8/2008 1:13:00 PM
4-ethyltoluene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Acetone	18.0	6.00	ppbV	20	2/8/2008 2:14:00 PM
Allyl chloride	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Benzene	2.80	3.00 J	ppbV	20	2/8/2008 2:14:00 PM
Benzyl chloride	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Bromodichloromethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Bromoform	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Bromomethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Carbon disulfide	13.4	3.00	ppbV	20	2/8/2008 2:14:00 PM
Carbon tetrachloride	0.0400	0.0400	ppbV	1	2/8/2008 1:13:00 PM
Chlorobenzene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Chloroethane	1.67	0.150	ppbV	1	2/8/2008 1:13:00 PM
Chloroform	0.220	0.150	ppbV	1	2/8/2008 1:13:00 PM
Chloromethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
cis-1,2-Dichloroethene	704	192	ppbV	1280	2/10/2008 11:13:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Cyclohexane	4.80	3.00	ppbV	20	2/8/2008 2:14:00 PM
Dibromochloromethane	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM
Ethyl acetate	53.2	10.0	ppbV	40	2/8/2008 2:51:00 PM
Ethylbenzene	0.250	0.150	ppbV	1	2/8/2008 1:13:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
 - Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

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Client Sample ID: 828149-GP1-SVI

Lab Order:

C0802002

Tag Number: 90, 392

.. ...

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-004A

Matrix: AIR

Limit Qual Units Analyses Result DF Date Analyzed 1UG/M3 W/ 0.25UG/M3 CT-TCE-VC TO-15 Analyst: LL Freon 11 0.690 0.150 Vdqq 1 2/8/2008 1:13:00 PM Freon 113 ND 0.150 ppbV 1 2/8/2008 1:13:00 PM Freon 114 ND 0.150 ppbV 1 2/8/2008 1:13:00 PM Freon 12 0.150 ppbV 2/8/2008 1:13:00 PM 0.150 1 Heptane 1.32 0.150 ppbV 1 2/8/2008 1:13:00 PM Hexachloro-1,3-butadiene ND 0.150 ppbV 1 2/8/2008 1:13:00 PM Hexane 18.6 3.00 ppbV 20 2/8/2008 2:14:00 PM Isopropyl alcohol ND 0.150 ppbV 1 2/8/2008 1:13:00 PM 0.780 m&p-Xylene 0.300 ppbV 2/8/2008 1:13:00 PM 1 Methyl Butyl Ketone ND 0.300 ppbV 1 2/8/2008 1:13:00 PM Methyl Ethyl Ketone ND 0.300 ppbV 1 2/8/2008 1:13:00 PM Methyl Isobutyl Ketone ND 0.300 Vdqq 1 2/8/2008 1:13:00 PM ND Methyl tert-butyl ether ppbV 2/8/2008 1:13:00 PM 0.150 1 Methylene chloride 0.600 ppbV 2/8/2008 1:13:00 PM 0.150 1 0.240 o-Xylene 0.150 ppbV 1 2/8/2008 1:13:00 PM Propylene ND 0.150 ppbV 1 2/8/2008 1:13:00 PM Styrene 1.06 ppbV 0.150 1 2/8/2008 1:13:00 PM Tetrachloroethylene 1.34 0.150 ppbV 1 2/8/2008 1:13:00 PM 2/8/2008 1:13:00 PM Tetrahydrofuran ND 0.150 ppbV 1 Toluene 3.60 3.00 ppbV 20 2/8/2008 2:14:00 PM

3.00

0.150

0.150

0.150

70-130

410

1.60

ppbV

ppbV

Vdqq

ppbV

ppbV

ppbV

%REC

36.0

ND

72.4

ND

ND

103

19500

Ou	alif	iers
V.	*****	

trans-1,2-Dichloroethene

trans-1,3-Dichloropropene

Surr: Bromofluorobenzene

Trichloroethene

Vinyl acetate

Vinyl Bromide

Vinyl chloride

20

1

40

1

1

10240

2/8/2008 2:14:00 PM

2/8/2008 1:13:00 PM

2/8/2008 2:51:00 PM

2/8/2008 1:13:00 PM

2/8/2008 1:13:00 PM

2/8/2008 1:13:00 PM

2/10/2008 12:19:00 PM

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002 Project: CDM/G0143

Lab ID: C0802002-004A Client Sample ID: 828149-GP1-SVI

Tag Number: 90, 392 Collection Date: 1/29/2008

Matrix: AIR

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	0	0	ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	1.22	0.832	ug/m3	1	2/8/2008 1:13:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/8/2008 1:13:00 PM
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 1:13:00 PM
1,1-Dichloroethane	30.4	12.3	ug/m3	20	2/8/2008 2:14:00 PM
1,1-Dichloroethene	929	774	ug/m3	1280	2/10/2008 11:13:00 AM
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/8/2008 1:13:00 PM
1,2,4-Trimethylbenzene	1.45	0.749	ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/8/2008 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/8/2008 1:13:00 PM
1,3-butadiene	ND	0.337	ug/m3	1	2/8/2008 1:13:00 PM
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dioxane	ND	1.10	ug/m3	1	2/8/2008 1:13:00 PM
2,2,4-trimethylpentane	4.27	0.712	ug/m3	1	2/8/2008 1:13:00 PM
4-ethyltoluene	ND	0.750	ug/m3	1	2/8/2008 1:13:00 PM
Acetone	43.5	14.5	ug/m3	20	2/8/2008 2:14:00 PM
Allyl chloride	ND	0.477	ug/m3	1	2/8/2008 1:13:00 PM
Benzene	9.09	9.74 J	ug/m3	20	2/8/2008 2:14:00 PM
Benzyl chloride	ND	0.877	ug/m3	1	2/8/2008 1:13:00 PM
Bromodichloromethane	ND	1.02	ug/m3	1	2/8/2008 1:13:00 PM
Bromoform	ND	1.58	ug/m3	1	2/8/2008 1:13:00 PM
Bromomethane	ND	0.592	ug/m3	1	2/8/2008 1:13:00 PM
Carbon disulfide	42.4	9.50	ug/m3	20	2/8/2008 2:14:00 PM
Carbon tetrachloride	0.256	0.256	ug/m3	1	2/8/2008 1:13:00 PM
Chlorobenzene	ND	0.702	ug/m3	1	2/8/2008 1:13:00 PM
Chloroethane	4.48	0.402	ug/m3	1	2/8/2008 1:13:00 PM
Chloroform	1.09	0.744	ug/m3	1	2/8/2008 1:13:00 PM
Chloromethane	ND	0.315	ug/m3	1	2/8/2008 1:13:00 PM
cis-1,2-Dichloroethene	2840	774	ug/m3	1280	2/10/2008 11:13:00 AM
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 1:13:00 PM
Cyclohexane	16.8	10.5	ug/m3	20	2/8/2008 2:14:00 PM
Dibromochloromethane	ND	1.30	ug/m3	1	2/8/2008 1:13:00 PM
Ethyl acetate	195	36.6	ug/m3	40	2/8/2008 2:51:00 PM
Ethylbenzene	1.10	0.662	ug/m3	1	2/8/2008 1:13:00 PM

- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- J Analyte detected at or below quantitation limits
- Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

C0802002

Lab Order: Project:

CDM/G0143

Lab ID:

C0802002-004A

Client Sample ID: 828149-GP1-SVI

Tag Number: 90, 392 Collection Date: 1/29/2008

Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15	;		Analyst: LL
Freon 11	3.94	0.857	ug/m3	1	2/8/2008 1:13:00 PM
Freon 113	ND	1.17	ug/m3	1	2/8/2008 1:13:00 PM
Freon 114	ND	1.07	ug/m3	1	2/8/2008 1:13:00 PM
Freon 12	0.754	0.754	ug/m3	1	2/8/2008 1:13:00 PM
Heptane	5.50	0.625	ug/m3	1	2/8/2008 1:13:00 PM
Hexachloro-1,3-butadiene	ND	1.63	ug/m3	1	2/8/2008 1:13:00 PM
Hexane	66.6	10.7	ug/m3	20	2/8/2008 2:14:00 PM
Isopropyl alcohol	ND	0.375	ug/m3	1	2/8/2008 1:13:00 PM
m&p-Xylene	3.44	1.32	ug/m3	1	2/8/2008 1:13:00 PM
Methyl Butyl Ketone	ND	1.25	ug/m3	1	2/8/2008 1:13:00 PM
Methyl Ethyl Ketone	ND	0.899	ug/m3	1	2/8/2008 1:13:00 PM
Methyl Isobutyl Ketone	ND	1.25	ug/m3	1	2/8/2008 1:13:00 PM
Methyl tert-butyl ether	ND	0.550	ug/m3	1	2/8/2008 1:13:00 PM
Methylene chloride	2.12	0.530	ug/m3	1	2/8/2008 1:13:00 PM
o-Xylene	1.06	0.662	ug/m3	1	2/8/2008 1:13:00 PM
Propylene	ND	0.262	ug/m3	1	2/8/2008 1:13:00 PM
Styrene	4.59	0.649	ug/m3	1	2/8/2008 1:13:00 PM
Tetrachloroethylene	9.24	1.03	ug/m3	1	2/8/2008 1:13:00 PM
Tetrahydrofuran	ND	0.450	ug/m3	1	2/8/2008 1:13:00 PM
Toluene	13.8	11.5	ug/m3	20	2/8/2008 2:14:00 PM
trans-1,2-Dichloroethene	145	12.1	ug/m3	20	2/8/2008 2:14:00 PM
trans-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 1:13:00 PM
Trichloroethene	395	8.74	ug/m3	40	2/8/2008 2:51:00 PM
Vinyl acetate	ND	0.537	ug/m3	1	2/8/2008 1:13:00 PM
Vinyl Bromide	ND	0.667	ug/m3	1	2/8/2008 1:13:00 PM
Vinyl chloride	50600	1070	ug/m3	10240	2/10/2008 12:19:00 P

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В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order: C0802002 **Tag Number:** 463, 79 Collection Date: 1/30/2008 Project: CDM/G0143 Matrix: AIR Lab ID: C0802002-005A

Analyses	Result	Limit Qua	Units	ÐF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-4		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Acetone	5.40	3.00	ppbV	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Benzene	0.200	0.150	ppbV	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Carbon disulfide	0.340	0.150	ppbV	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.0400	ppbV	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	0.360	0.150	ppbV	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Cyclohexane	0.490	0.150	ppbV	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Ethyl acetate	1.71	0.250	ppbV	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order:

C0802002

Tag Number: 463, 79

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-005A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
IUG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 12	0.200	0.150		ppbV	1	2/10/2008 1:15:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexane	0.230	0.150		ppbV	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.100	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.210	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Methylene chloride	0.110	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Styrene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	2.20	1.50		ppbV	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Toluene	0.640	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Trichloroethene	0.500	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Surr: Bromofluorobenzene	81.0	70-130		%REC	1	2/10/2008 1:15:00 AM

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Vu	MILL !	

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order:

C0802002

Tag Number: 463, 79

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-005A

Matrix: AIR

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	0	0	ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.617	ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.605	ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.749	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.337	ug/m3	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	1.10	ug/m3	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.712	ug/m3	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.750	ug/m3	1	2/10/2008 1:15:00 AM
Acetone	13.0	7.24	ug/m3	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.477	ug/m3	1	2/10/2008 1:15:00 AM
Benzene	0.649	0.487	ug/m3	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.877	ug/m3	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	1.02	ug/m3	1	2/10/2008 1:15:00 AM
Bromoform	ND	1.58	ug/m3	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.592	ug/m3	1	2/10/2008 1:15:00 AM
Carbon disulfide	1.08	0.475	ug/m3	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.256	ug/m3	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.702	ug/m3	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.402	ug/m3	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.744	ug/m3	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.315	ug/m3	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	1.45	0.604	ug/m3	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/10/2008 1:15:00 AM
Cyclohexane	1.71	0.525	ug/m3	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	1.30	ug/m3	1	2/10/2008 1:15:00 AM
Ethyl acetate	6.26	0.916	ug/m3	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.662	ug/m3	1	2/10/2008 1:15:00 AM 2/10/2008 1:15:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order: C0802002 **Tag Number:** 463, 79 Collection Date: 1/30/2008 CDM/G0143 Project:

Matrix: AIR Lab ID: C0802002-005A

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 1:15:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 1:15:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 1:15:00 AM
Freon 12	1.01	0.754		ug/m3	1	2/10/2008 1:15:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 1:15:00 AM
Hexane	0.824	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.441	1.32	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.630	0.899	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 1:15:00 AM
Methylene chloride	0.388	0.530	J	ug/m3	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.662		ug/m3	1	2/10/2008 1:15:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 1:15:00 AM
Styrene	ND	0.649		ug/m3	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	15.2	10.3		ug/m3	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 1:15:00 AM
Toluene	2.45	0.575		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 1:15:00 AM
Trichloroethene	2.73	0.218		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 1:15:00 AM

В Analyte detected in the associated Method Blank

Η Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVIOD

Lab Order: C0802002 **Tag Number:** 415, 400 Collection Date: 1/30/2008 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-006A

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-2		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15	;		Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene	· ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Acetone	5.20	3.00	ppbV	10	2/10/2008 3:27:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Benzene	0.240	0.150	ppbV	1	2/10/2008 2:55:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Carbon disulfide	0.600	0.150	ppbV	1	2/10/2008 2:55:00 AM
Carbon tetrachloride	ND	0.0400	ppbV	1	2/10/2008 2:55:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
cis-1,2-Dichloroethene	0.190	0.150	ppbV	1	2/10/2008 2:55:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Cyclohexane	0.620	0.150	ppbV	1	2/10/2008 2:55:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Ethyl acetate	0.710	0.250	ppbV	1	2/10/2008 2:55:00 AM
Ethylbenzene	0.210	0.150	ppbV	1	2/10/2008 2:55:00 AM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected at or below quantitation limits J

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVIOD Lab Order: C0802002 Tag Number: 415, 400

Collection Date: 1/30/2008 Project: CDM/G0143 Matrix: AIR Lab ID: C0802002-006A

ND

ND

ND

92.0

Analyses Result Limit Qual Units DF Date Analyzed 1UG/M3 W/ 0.25UG/M3 CT-TCE-VC TO-15 Analyst: LL Freon 11 0.210 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 113 ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 114 ND 1 0.150 ppbV 2/10/2008 2:55:00 AM Freon 12 0.230 0.150 ppbV 1 2/10/2008 2:55:00 AM Heptane 0.110 0.150 ppbV 1 2/10/2008 2:55:00 AM Hexachloro-1,3-butadiene ND 2/10/2008 2:55:00 AM 0.150 ppbV 1 Hexane 0.520 0.150 ppbV 1 2/10/2008 2:55:00 AM Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM m&p-Xylene 0.520 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone 0.840 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 1 2/10/2008 2:55:00 AM ppbV Methyl tert-butyl ether ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 1 2/10/2008 2:55:00 AM ppbV o-Xylene 0.170 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 1 2/10/2008 2:55:00 AM ppbV Styrene 0.290 0.150 Vdqq 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND ppbV 2/10/2008 2:55:00 AM 0.150 1 Toluene 2.30 1.50 ppbV 10 2/10/2008 3:27:00 AM trans-1,2-Dichloroethene ND 2/10/2008 2:55:00 AM 0.150 ppbV 1 ppbV trans-1,3-Dichloropropene ND 0.150 2/10/2008 2:55:00 AM 1 Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM

0.150

0.150

0.0400

70-130

ppbV

ppbV

ppbV

%REC

Λ	ual	14 67	~	
v	ua	ш	LT.	ъ.

Vinyl acetate

Vinyl Bromide

Vinyl chloride

Surr: Bromofluorobenzene

1

1

1

1

2/10/2008 2:55:00 AM

2/10/2008 2:55:00 AM

2/10/2008 2:55:00 AM

2/10/2008 2:55:00 AM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JΝ Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVIOD

Lab Order: C0802002 **Tag Number:** 415, 400 Collection Date: 1/30/2008 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-006A

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	0	0	ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 2:55:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/10/2008 2:55:00 AM
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	ND	0.617	ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	ND	0.605	ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene	ND	0.749	ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/10/2008 2:55:00 AM
1,3-butadiene	ND	0.337	ug/m3	1	2/10/2008 2:55:00 AM
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 2:55:00 AM
1,4-Dioxane	ND	1.10	ug/m3	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane	ND	0.712	ug/m3	1	2/10/2008 2:55:00 AM
4-ethyltoluene	ND	0.750	ug/m3	1	2/10/2008 2:55:00 AM
Acetone	12.6	7.24	ug/m3	10	2/10/2008 3:27:00 AM
Allyl chloride	ND	0.477	ug/m3	1	2/10/2008 2:55:00 AM
Benzene	0.779	0.487	ug/m3	1	2/10/2008 2:55:00 AM
Benzyl chloride	ND	0.877	ug/m3	1	2/10/2008 2:55:00 AM
Bromodichloromethane	ND	1.02	ug/m3	1	2/10/2008 2:55:00 AM
Bromoform	ND	1.58	ug/m3	1	2/10/2008 2:55:00 AM
Bromomethane	ND	0.592	ug/m3	1	2/10/2008 2:55:00 AM
Carbon disulfide	1.90	0.475	ug/m3	1	2/10/2008 2:55:00 AM
Carbon tetrachloride	ND	0.256	ug/m3	1	2/10/2008 2:55:00 AM
Chlorobenzene	ND	0.702	ug/m3	1	2/10/2008 2:55:00 AM
Chloroethane	ND	0.402	ug/m3	1	2/10/2008 2:55:00 AM
Chloroform	ND	0.744	ug/m3	1	2/10/2008 2:55:00 AM
Chloromethane	ND	0.315	ug/m3	1	2/10/2008 2:55:00 AM
cis-1,2-Dichloroethene	0.766	0.604	ug/m3	1	2/10/2008 2:55:00 AM
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/10/2008 2:55:00 AM
Cyclohexane	2.17	0.525	ug/m3	1	2/10/2008 2:55:00 AM
Dibromochloromethane	ND	1.30	ug/m3	1	2/10/2008 2:55:00 AM
Ethyl acetate	2.60	0.916	ug/m3	1	2/10/2008 2:55:00 AM
Ethylbenzene	0.927	0.662	ug/m3	1	2/10/2008 2:55:00 AM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Lab Order: C0802002

Project: CDM/G0143

Lab ID: C0802002-006A Client Sample ID: 828149-GP6-SVIOD

Tag Number: 415, 400 Collection Date: 1/30/2008

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 11	1.20	0.857		ug/m3	1	2/10/2008 2:55:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 2:55:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 2:55:00 AM
Freon 12	1.16	0.754		ug/m3	1	2/10/2008 2:55:00 AM
Heptane	0.458	0.625	J	ug/m3	1	2/10/2008 2:55:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 2:55:00 AM
Hexane	1.86	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 2:55:00 AM
m&p-Xylene	2.30	1.32		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Ethyl Ketone	2.52	0.899		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 2:55:00 AM
Methylene chloride	0.706	0.530		ug/m3	1	2/10/2008 2:55:00 AM
o-Xylene	0.750	0.662		ug/m3	1	2/10/2008 2:55:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 2:55:00 AM
Styrene	1.26	0.649		ug/m3	1	2/10/2008 2:55:00 AM
Tetrachloroethylene	1.79	1.03		ug/m3	1	2/10/2008 2:55:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 2:55:00 AM
Toluene	8.81	5.75		ug/m3	10	2/10/2008 3:27:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 2:55:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 2:55:00 AM
Trichloroethene	0.710	0.218		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 2:55:00 AM

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В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Ë Value above quantitation range

J Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP8-SVI

Lab Order:

C0802002

Tag Number: 412, 63

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-007A

Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-2		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15	5		Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.150	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Acetone	3.40	3.00	ppbV	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Benzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.150	0.150	ppbV	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.0400	ppbV	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.240		J ppbV	1	2/10/2008 4:34:00 AM
Ethylbenzene	0.270	0.150	Vdqq	1	2/10/2008 4:34:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
 - S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP8-SVI

Lab Order: C0802002 **Tag Number:** 412, 63 Collection Date: 1/30/2008 CDM/G0143 Project: Matrix: AIR Lab ID: C0802002-007A

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	-15			Analyst: LL
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 12	0.260	0.150		ppbV	1	2/10/2008 4:34:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
m&p-Xylene	0.860	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	1.21	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Methylene chloride	0.140	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
o-Xylene	0.300	0.150		ppbV	1	2/10/2008 4:34:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Styrene	0.690	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	0.180	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Toluene	6.10	1.50		ppbV	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Trichloroethene	0.0400	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	2/10/2008 4:34:00 AM

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- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Non-routine analyte. Quantitation estimated. JN
- Spike Recovery outside accepted recovery limits
- Ε Value above quantitation range
- Analyte detected at or below quantitation limits J
- Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical, Client Sample ID: 828149-GP8-SVI

 Lab Order:
 C0802002
 Tag Number:
 412, 63

 Project:
 CDM/G0143
 Collection Date:
 1/30/2008

Lab ID: C0802002-007A Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		FL	.D			Analyst:
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		ТО	-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.749	0.749		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 4:34:00 AM
Acetone	8.21	7.24		ug/m3	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 4:34:00 AM
Benzene	ND	0.487		ug/m3	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 4:34:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.475	0.475		ug/m3	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.525		ug/m3	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.879	0.916	J	ug/m3	1	2/10/2008 4:34:00 AM
Ethylbenzene	1.19	0.662	•	ug/m3	1	2/10/2008 4:34:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002

CDM/G0143

Lab ID: C0802002-007A

Project:

Client Sample ID: 828149-GP8-SVI

Tag Number: 412, 63 **Collection Date:** 1/30/2008

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 4:34:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 4:34:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 4:34:00 AM
Freon 12	1.31	0.754		ug/m3	1	2/10/2008 4:34:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 4:34:00 AM
Hexane	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 4:34:00 AM
m&p-Xylene	3.80	1.32		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	3.63	0.899		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 4:34:00 AM
Methylene chloride	0.494	0.530	J	ug/m3	1	2/10/2008 4:34:00 AM
o-Xylene	1.32	0.662		ug/m3	1	2/10/2008 4:34:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 4:34:00 AM
Styrene	2.99	0.649		иg/m3	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	1.24	1.03		ug/m3	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 4:34:00 AM
Toluene	23.4	5.75		ug/m3	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 4:34:00 AM
Trichloroethene	0.218	0.218		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 4:34:00 AM

Quali	ifiers
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B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

MitKem A Division of Spectrum Analytical, **CLIENT:**

Client Sample ID: 828149-GP11-SVI

Lab Order: C0802002 **Tag Number: 422, 175** Collection Date: 1/30/2008 Project: CDM/G0143 Matrix: AIR Lab ID: C0802002-008A

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-3		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene	0.140	0.150 J	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Acetone	4.50	3.00	ppbV	10	2/10/2008 6:47:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Benzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Carbon disulfide	0.380	0.150	ppbV	1	2/10/2008 6:14:00 AM
Carbon tetrachloride	ND	0.0400	ppbV	1	2/10/2008 6:14:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Cyclohexane	1.09	0.150	ppbV	1	2/10/2008 6:14:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Ethyl acetate	0.600	0.250	ppb∀	1	2/10/2008 6:14:00 AM
Ethylbenzene	0.300	0.150	ppbV	1	2/10/2008 6:14:00 AM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Non-routine analyte. Quantitation estimated. JN

Spike Recovery outside accepted recovery limits

Ε Value above quantitation range

Analyte detected at or below quantitation limits J

Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Analytical, Client Sample ID: 828149-GP11-SVI

Lab Order:

C0802002

Tag Number: 422, 175

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-008A

Matrix: AIR

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	5		Analyst: LL
Freon 11	0.150	0.150	ppbV	1	2/10/2008 6:14:00 AM
Freon 113	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Freon 114	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Freon 12	0.250	0.150	ppbV	1	2/10/2008 6:14:00 AM
Heptane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Hexane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Isopropyl alcohol	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
m&p-Xylene	1.02	0.300	ppbV	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	0.300	ppbV	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	2.00	3.00	J ppbV	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	0.300	Vđqq	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Methylene chloride	0.430	0.150	ppbV	1	2/10/2008 6:14:00 AM
o-Xylene	0.380	0.150	Vdqq	1	2/10/2008 6:14:00 AM
Propylene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Styrene	1.00	0.150	ppbV	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	0.150	0.150	ppbV	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Toluene	25.2	6.00	ppbV	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.0400	ppbV	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.0900	0.0400	ppbV	1	2/10/2008 6:14:00 AM
Surr: Bromofluorobenzene	90.0	70-130	%REC	1	2/10/2008 6:14:00 AM

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002 Project: CDM/G0143

Lab ID: C0802002-008A

Client Sample ID: 828149-GP11-SVI

Tag Number: 422, 175 **Collection Date:** 1/30/2008

Matrix: AIR

FIELD PARAMETERS	Analyses	Result	Limit (Qual	Units	DF	Date Analyzed
10G/M3 W/ 0.25UG/M3 CT-TCE-VC	FIELD PARAMETERS		FLC)			Analyst:
1,1,1-7/chloroethane ND 0,832 ug/m3 1 2/10/2008 6:14:00 AM 1,1,2-7/chloroethane ND 0.832 ug/m3 1 2/10/2008 6:14:00 AM 1,1,2-7/chloroethane ND 0.832 ug/m3 1 2/10/2008 6:14:00 AM 1,1-7/chloroethane ND 0.617 ug/m3 1 2/10/2008 6:14:00 AM 1,1-7/chloroethane ND 0.605 ug/m3 1 2/10/2008 6:14:00 AM 1,1-7/chloroethane ND 0.605 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chlorobenzene ND 0.749 J ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chlorobenzene ND 0.749 J ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.617 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.705 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-5-7/cmethylbenzene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-5-7/cmethylbenzene ND 0.337 ug/m3 1 2/10/2008 6:14:00 AM 1,3-7/chloroethane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-7/chlorobenzene ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 2,2-4-trimethylpentane ND 0.772 ug/m3 1 2/10/2008 6:14:00 AM 2,2-4-trimethylpentane ND 0.774 ug/m3 1 2/10/2008 6:14:00 AM 2,2-4-trimethylpentane ND 0.787 ug/m3 1 2/10/2008 6:14:00 AM 2/10/2008 6:14	Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1,1,1-7/chloroethane ND 0,832 ug/m3 1 2/10/2008 6:14:00 AM 1,1,2-7/chloroethane ND 0.832 ug/m3 1 2/10/2008 6:14:00 AM 1,1,2-7/chloroethane ND 0.832 ug/m3 1 2/10/2008 6:14:00 AM 1,1-7/chloroethane ND 0.617 ug/m3 1 2/10/2008 6:14:00 AM 1,1-7/chloroethane ND 0.605 ug/m3 1 2/10/2008 6:14:00 AM 1,1-7/chloroethane ND 0.605 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chlorobenzene ND 0.749 J ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chlorobenzene ND 0.749 J ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.617 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.705 ug/m3 1 2/10/2008 6:14:00 AM 1,2-7/chloroethane ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-5-7/cmethylbenzene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-5-7/cmethylbenzene ND 0.337 ug/m3 1 2/10/2008 6:14:00 AM 1,3-7/chloroethane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-7/chlorobenzene ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 2,2-4-trimethylpentane ND 0.772 ug/m3 1 2/10/2008 6:14:00 AM 2,2-4-trimethylpentane ND 0.774 ug/m3 1 2/10/2008 6:14:00 AM 2,2-4-trimethylpentane ND 0.787 ug/m3 1 2/10/2008 6:14:00 AM 2/10/2008 6:14	1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	15			Analyst: LL
1,1,2-Trichloroethane		ND			ug/m3	1	•
1,1-Dichloroethane	1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Tririchlorobenzene ND 1.13 ug/m3 1 2/10/2008 6:14:00 AM 1,2,4-Trimethylbenzene 0.700 0.749 J ug/m3 1 2/10/2008 6:14:00 AM 1,2-Dichlorobethane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,2-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,2-Dichloropropane ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-butadiene ND 0.337 ug/m3 1 2/10/2008 6:14:00 AM 1,3-butadiene ND 0.937 ug/m3 1 2/10/2008 6:14:00 AM 1,3-bitadiene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dichlorobenzene ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND	1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene 0.700 0.749 J ug/m3 1 2/10/2008 6:14:00 AM 1,2-Dibromoethane ND 1.17 ug/m3 1 2/10/2008 6:14:00 AM 1,2-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,2-Dichloropropane ND 0.617 ug/m3 1 2/10/2008 6:14:00 AM 1,3-Dichlorobenzene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-Dichlorobenzene ND 0.937 ug/m3 1 2/10/2008 6:14:00 AM 1,3-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dichlorobenzene ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND 0.756 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoliene ND <td>1,1-Dichloroethene</td> <td>ND</td> <td>0.605</td> <td></td> <td>ug/m3</td> <td>1</td> <td>2/10/2008 6:14:00 AM</td>	1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	1,2,4-Trimethylbenzene	0.700	0.749	J	ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane ND 0.705 ug/m3 1 2/10/2008 6:14:00 AM 1,3-5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-bitdacliene ND 0.337 ug/m3 1 2/10/2008 6:14:00 AM 1,3-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dioxane ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dioxane ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM Acetone 10.9 7.24 ug/m3 10 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3	1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 1,3-butadlene ND 0.337 ug/m3 1 2/10/2008 6:14:00 AM 1,3-bichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Diohlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dioxane ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 2,2,4-trimethylpentane ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM Acetone 10.9 7.24 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1	1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,3-butadlene	1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dioxane ND 1.10 ug/m3 1 2/10/2008 6:14:00 AM 2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM Acetone 10.9 7.24 ug/m3 10 2/10/2008 6:14:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 0.592 ug/m3 1 </td <td>1,3,5-Trimethylbenzene</td> <td>ND</td> <td>0.750</td> <td></td> <td>ug/m3</td> <td>1</td> <td>2/10/2008 6:14:00 AM</td>	1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 6:14:00 AM 1,4-Dioxane ND 1.10 ug/m3 1 2/10/2008 6:14:00 AM 2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM Acetone 10.9 7.24 ug/m3 10 2/10/2008 6:14:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Beromodichloromethane ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 <td>1,3-butadiene</td> <td>ND</td> <td>0.337</td> <td></td> <td>ug/m3</td> <td>1</td> <td>2/10/2008 6:14:00 AM</td>	1,3-butadiene	ND	0.337		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dioxane ND 1.10 ug/m3 1 2/10/2008 6:14:00 AM 2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM Acetone 10.9 7.24 ug/m3 10 2/10/2008 6:14:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1	1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 6:14:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM Acetone 10.9 7.24 ug/m3 10 2/10/2008 6:47:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.744 <t< td=""><td>1,4-Dichlorobenzene</td><td>ND</td><td>0.917</td><td></td><td>ug/m3</td><td>1</td><td>2/10/2008 6:14:00 AM</td></t<>	1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 6:14:00 AM Acetone 10.9 7.24 ug/m3 10 2/10/2008 6:47:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chlorotethane ND 0.744 ug/m3 1 <t< td=""><td>1,4-Dioxane</td><td>ND</td><td>1.10</td><td></td><td>ug/m3</td><td>1</td><td>2/10/2008 6:14:00 AM</td></t<>	1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 6:14:00 AM
Acetone 10.9 7.24 ug/m3 10 2/10/2008 6:47:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/1	2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 6:14:00 AM
Allyl chloride ND 0.477 ug/m3 1 2/10/2008 6:14:00 AM Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chlorochthane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.604 ug/m3 1 <	4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
Benzene ND 0.487 ug/m3 1 2/10/2008 6:14:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM cis-1,2-Dichloropropene ND 0.692 ug/m3 1	Acetone	10.9	7.24		ug/m3	10	2/10/2008 6:47:00 AM
Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 6:14:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM Cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 <td>Allyl chloride</td> <td>ND</td> <td>0.477</td> <td></td> <td>ug/m3</td> <td>1</td> <td>2/10/2008 6:14:00 AM</td>	Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 6:14:00 AM
Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 6:14:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM Chloropropene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM Cis-1,2-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 <td>Benzene</td> <td>ND</td> <td>0.487</td> <td></td> <td>ug/m3</td> <td>1</td> <td>2/10/2008 6:14:00 AM</td>	Benzene	ND	0.487		ug/m3	1	2/10/2008 6:14:00 AM
Bromoform ND 1.58 ug/m3 1 2/10/2008 6:14:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM Chloropropene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM Chloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1	Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 6:14:00 AM
Bromomethane ND 0.592 ug/m3 1 2/10/2008 6:14:00 AM Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM Cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 <td>Bromodichloromethane</td> <td>ND</td> <td>1.02</td> <td></td> <td>ug/m3</td> <td>1</td> <td>2/10/2008 6:14:00 AM</td>	Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 6:14:00 AM
Carbon disulfide 1.20 0.475 ug/m3 1 2/10/2008 6:14:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM Cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Bromoform	ND	1.58		ug/m3	1	2/10/2008 6:14:00 AM
Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 6:14:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM Cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Bromomethane	ND	0.592		ug/m3	1	2/10/2008 6:14:00 AM
Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 6:14:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Carbon disulfide	1.20	0.475		ug/m3	1	2/10/2008 6:14:00 AM
Chloroethane ND 0.402 ug/m3 1 2/10/2008 6:14:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 6:14:00 AM
Chloroform ND 0.744 ug/m3 1 2/10/2008 6:14:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 6:14:00 AM
Chloromethane ND 0.315 ug/m3 1 2/10/2008 6:14:00 AM cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Chloroethane	ND	0.402		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene ND 0.604 ug/m3 1 2/10/2008 6:14:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Chloroform	ND	0.744		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Chloromethane	ND	0.315		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 6:14:00 AM Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	cis-1,2-Dichloroethene	ND	0.604		-	1	
Cyclohexane 3.81 0.525 ug/m3 1 2/10/2008 6:14:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM		ND	0.692		=	1	2/10/2008 6:14:00 AM
Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 6:14:00 AM Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	• •	3.81			_	1	2/10/2008 6:14:00 AM
Ethyl acetate 2.20 0.916 ug/m3 1 2/10/2008 6:14:00 AM	Dibromochloromethane	ND	1.30		=	1	2/10/2008 6:14:00 AM
·	Ethyl acetate	2.20	0.916		-	1	2/10/2008 6:14:00 AM
	•	1.32	0.662		-	1	2/10/2008 6:14:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP11-SVI

Lab Order:

C0802002

Tag Number: 422, 175

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-008A

Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	5		Analyst: LL
Freon 11	0.857	0.857	ug/m3	1	2/10/2008 6:14:00 AM
Freon 113	ND	1.17	ug/m3	1	2/10/2008 6:14:00 AM
Freon 114	ND	1.07	ug/m3	1	2/10/2008 6:14:00 AM
Freon 12	1.26	0.754	ug/m3	1	2/10/2008 6:14:00 AM
Heptane	ND	0.625	ug/m3	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	1.63	ug/m3	1	2/10/2008 6:14:00 AM
Hexane	ND	0.537	ug/m3	1	2/10/2008 6:14:00 AM
isopropyl alcohol	ND	0.375	ug/m3	1	2/10/2008 6:14:00 AM
m&p-Xylene	4.50	1.32	ug/m3	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	1.25	ug/m3	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	6.00	8.99	J ug/m3	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	1.25	ug/m3	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.550	ug/m3	1	2/10/2008 6:14:00 AM
Methylene chloride	1.52	0.530	ug/m3	1	2/10/2008 6:14:00 AM
o-Xylene	1.68	0.662	ug/m3	1	2/10/2008 6:14:00 AM
Propylene	ND	0.262	ug/m3	1	2/10/2008 6:14:00 AM
Styrene	4.33	0.649	ug/m3	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	1.03	1.03	ug/m3	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.450	ug/m3	1	2/10/2008 6:14:00 AM
Toluene	96.5	23.0	ug/m3	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.218	ug/m3	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.537	ug/m3	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.667	ug/m3	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.234	0.104	ug/m3	1	2/10/2008 6:14:00 AM

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15 QUALITY CONTROL SUMMARY

Date: 24-Mar-08

CLIENT:
Work Order:

MitKem A Division of Spectrum Analytical,

C0802002

CDM/G0143

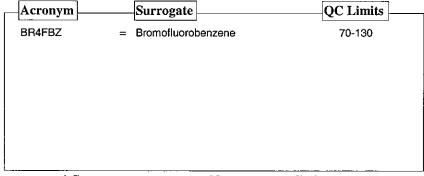
Project: Test No:

TO-15

Matrix: A

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	BR4FBZ	
C0802002-001A	93.0	
C0802002-002A	103	
C0802002-003A	73.0	
C0802002-004A	103	
C0802002-005A	81.0	
C0802002-006A	92.0	
C0802002-007A	90.0	
C0802002-008A	90.0	
LCS1UT-020708	104	
LCS1UT-020908	103	
MB1UT-020708	78.0	
MB1UT-020908	77.0	



GC/MS QA-QC Check Report

Tune File : C:\msdchem\1\DATA\BD020703.D

Tune Time: 7 Feb 2008 4:54 pm

Daily Calibration File : C:\msdchem\1\DATA\BD020703.D

						17935	41936	44241
File	Sample	Surre	gate	Recover	&	Internal	Standard	Responses
BD020704.I	LCS1UT-0	20708				18945	46162	48915
BD020705.I	MB1UT-02	78					58976	59468
BD020733.I	C0802002						63555*	66974*
BD020734.I	C0802002	-001A 78					46320	45557
BD020735.I	C0802002	-002A 103				21869	62329*	80430*
BD020736.I	C0802002	137*				22512		
BD020737.I	C0802002	-004A 103				27655*	88805*	97537*
BD020738.I	C0802002	-004A 82	20X			23465	61842*	56691
BD020739.I	C0802002	-004A 79	40X			21527	49831	48131
(fails) -	fails 24hr	time	check	* -	fails	criteria		

Created: Thu Feb 28 11:53:15 2008 MSD #2

GC/MS QA-QC Check Report

Tune File : C:\msdchem\1\DATA\BD020902.D
Tune Time : 9 Feb 2008 5:30 pm

Daily Calibration File : C:\msdchem\1\DATA\BD020902.D

				18107	40671	43627
File	Sample	Surrogate	Recovery	% Internal	Standard	Responses
BD020904.	D MB1UT-02	0908 77		24357	53829	55389
BD020905.	D LCS1UT-02	20908 103		20594	45668	49303
BD020912.	D C0802002	-002A 10X 72		31910*	77416*	79817*
BD020913.	D C0802002	-002A 40X 73		29289*	68027*	70916*
BD020914.	D C0802002			29927*	70956*	79504*
BD020915.	D C0802002	-003A 40X 74		28945*	65849*	69701*
BD020916.	D C0802002	-005A 81		26594*	68914*	72977*
BD020917.	D C0802002	-005A 10X 74		23961	54070	57052
BD020918.	D C0802002	-005A 40X 72		20470	43400	45922
BD020919.	D C0802002-	-006A 92		24494	61373*	75114*
BD020920.	D C0802002-	-006A 10X 76		23183	51704	57773
BD020921.	D C0802002-	-006A 40X 77		21762	50841	52328
	D C0802002			22400	51932	68147*
BD020923.	D C0802002	-007A 10X 74		19613	45788	50140
	D C0802002	-007A 40X 69*		18635	40971	42775
	D C0802002	-008A 90		23214	55511	
BD020926.	D C0802002-	-008A 10X 76		20733	46347	
BD020927.	D C0802002-	-008A 40X		19586	42303	47375
	D C0802002			Page 538 3 6554.		

BD020935.D	C0802002-004A 2	2560X	1	8376	37527	40451
BD020936.D	C0802002-004A 1	L0240X	1.	6245	35012	36271
(fails) - f	ails 24hr time c	check * -	fails cri	 teria	~~~~~	

Created: Mon Mar 24 17:58:32 2008 MSD #2

MitKem A Division of Spectrum Analytical, C0802002 CDM/G0143 CLIENT:

Work Order:

Project:

ANALYTICAL QC SUMMARY REPORT TestCode: 0.25CT-TCE-VC

Date: 24-Mar-08

Analysis Date: 27/2008 SeqNc	17 700
	Sedivo: 22145
LowLimit HighLimit RPD Ref Val %1	%RPD RPDLimit
70 130	
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130	

CLIENT: MitKem A Division of Spectrum Analytical,

Work Order: C0802002

Project: CDM/G0143

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

	Sample ID: LCS1UT-020708	SampType: LCS	TestCode:	TestCode: 0.25CT-TCE-	E- Units: ppbV		Prep Date:	i ii		RunNo: 1488		
	Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15	TO-15		•	Analysis Date:	e: 2/7/2008	6 0	SeqNo: 22145		
	Analyte	Result	Pol	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPI	RPDLimit	Qual
	Chloroform	1.050	0.150	-	0	105	02	130				
	Chloromethane	1.220	0.150	-	0	122	70	130				
	cis-1,2-Dichloroethene	1.030	0.150	-	0	103	2	130				
	cis-1,3-Dichloropropene	1.260	0.150	-	0	126	70	130				
	Cyclohexane	1.150	0.150	-	0	115	70	130				
	Dibromochloromethane	1.060	0.150	-	0	106	70	130				
	Ethyl acetate	1.240	0.250	-	0	124	20	130				
	Ethylbenzene	1.110	0.150		0	#	2	130				
	Freon 11	1.280	0.150	Ψ-	0	128	70	130				
Pa	Freon 113	1.300	0.150		0	130	70	130				
	Freon 114	1.120	0.150	Ψ-	0	112	2	130				
_	Freon 12	1.060	0.150	 -	0	106	20	130				
_	Heptane	1.220	0.150	-	0	122	70	130				
	Hexachloro-1,3-butadiene	0.9800	0.150	-	0	98.0	2	130				
٥-	Hexane	1.300	0.150	-	0	130	70	130				
4	Isopropyl alcohol	1.470	0.150	-	0	147	70	130				S
	m&p-Xylene	2.340	0.300	8	0	117	70	130				
	Methyl Butyl Ketone	1.220	0.300	-	0	122	70	130				
	Methyl Ethyl Ketone	1.280	0.300	-	0	128	20	130				
	Methyl Isobutyl Ketone	1.150	0.300	-	0	115	70	130				
	Methyl tert-butyl ether	1.300	0.150	-	0	130	20	130				
	Methylene chloride	1.110	0.150	-	0	#	20	130				
	o-Xylene	1.190	0.150	-	0	119	20	130				
	Propylene	1,440	0.150	-	0	144	70	130				တ
	Styrene	1.080	0.150	-	0	108	20	130				
	Tetrachloroethylene	1.030	0.150	-	0	103	70	130				
	Tetrahydrofuran	1.230	0.150	-	0	123	70	130				
	Toluene	1.100	0.150	-	0	110	70	130				
	trans-1,2-Dichloroethene	1.180	0.150	-	0	118	70	130				
	trans-1,3-Dichloropropene	1.100	0.150	-	0	110	2	130				
	Trichloroethene	1.060	0.0400	-	0	106	20	130				
•	Oualifiers: E Value above	Value above quantitation range		H Holdin	Holding times for preparation or analysis exceeded	or analysis	exceeded	Ī	nalyte detected at	Analyte detected at or below quantitation limits	n limits	
	5	Not Detected at the Described 1 imit			DDD outside accounted account limits	Timite			miles Description	side accorded second	1:	
		at the responding summe			ubluc acceptou toco to	ay unuco			pine incourery cur	spine necovery outside accepted recovery milles	amını (ı	

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Work Order: CU8U2U02
Project: CDM/G0143

Sample ID: LCS1UT-020708	SampType: LCS Batch ID: R1488	TestCo	TestCode: 0.25CT-TCE- Units: ppbV TestNo: TO-15	· Units: ppbV		Prep Date: Analysis Date: 2/7/2008	9; 3; 2/7/2008	RunNo: 1488 SeqNo: 22145		
Analyte	Result	PQ	SPK value SPK Ref Val	PK Ref Val	%REC	LowLimit	%REC LowLimit HighLimit RPD Ref Val		3PDLimit	Qual
Vinyl acetate	1.120	0.150	-	0	112	70	130			
Vinyl Bromide	1.220	0.150	-	0	122	20	130			
Vinyl chloride	1.080	0.0400	-	0	108	70	130			
Surr: Bromofluorobenzene	1.040	0	•	0	104	70	130			
Sample ID: LCS1UT-020908	SampType: LCS	TestCo	TestCode: 0.25CT-TCE- Units: ppbV	Units: ppbV		Prep Date:	<i>i</i> i	RunNo: 1490		
Client ID: ZZZZZ	Batch ID: R1490	Test	TestNo: TO-15			Analysis Date: 2/9/2008	e: 2/9/2008	SeqNo: 22177		

Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.020	0.150	-	0	102	70	130			
1,1,2,2-Tetrachloroethane	0.8700	0.150	-	0	87.0	70	130			
1,1,2-Trichloroethane	1.030	0.150	-	0	103	70	130			
1,1-Dichloroethane	0.8400	0.150	-	0	84.0	70	130			
1,1-Dichloroethene	1.100	0.150	•	0	110	70	130			
1,2,4-Trichlorobenzene	0.6100	0.150	-	0	61.0	70	130			ഗ
1,2,4-Trimethylbenzene	0.8800	0.150	•	0	88.0	70	130			
1,2-Dibromoethane	0.9300	0.150	-	0	93.0	70	130			
1,2-Dichlorobenzene	1.020	0.150	-	0	102	70	130			
1,2-Dichloroethane	0.8000	0.150	-	0	80.0	70	130			
1,2-Dichloropropane	0.9000	0.150	_	0	90.0	70	130			
1,3,5-Trimethylbenzene	0.9800	0.150	-	0	98.0	70	130			
1,3-butadiene	0.8400	0.150	-	0	84.0	70	130			
1,3-Dichlorobenzene	1.010	0.150	-	0	101	70	130			
1,4-Dichlorobenzene	0.96.0	0.150	-	0	96.0	70	130			
1,4-Dioxane	1.030	0.300	-	0	103	70	130			
2,2,4-trimethylpentane	0.9100	0.150	-	0	91.0	70	130			
4-ethyltoluene	0.9200	0.150	-	0	92.0	70	130			
Acetone	0.7000	0.300	-	0	70.0	70	130			
Allyl chloride	0.8500	0.150	-	0	85.0	70	130			
Benzene	0.9100	0.150	-	0	91.0	70	130			
Qualifiers: E Value above quantitation range ND Not Detected at the Reporting Limit	on range oorting Limit		H Holdir R RPD c	Holding times for preparation or analysis exceeded RPD outside accepted recovery limits	ion or analysis	exceeded	J Analyte detected at or below quantitation limits S Spike Recovery outside accepted recovery limits	below quant te accepted r	iitation limits ecovery limits	

Page 57 of 354.

CLIENT: MitKem A Division of Spectrum Analytical,

Work Order: C0802002

Project: CDM/G0143

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Character D. Factor D. H14490 Teacher Dec	Sample ID: LCS1UT-020908	SampType: LCS	TestCode: 0	TestCode: 0.25CT-TCE- Units: ppbV		Prep Date:		RunNo: 1490	
Pott Pott		Batch ID: R1490	TestNo: 1	.0-15	•	ınalysis Date		SeqNo: 22177	
1,030 0,150 1	Analyte	Result			%REC			%RPD	Qual
1.030 0.150 1 1 1 0 1 1 1 1 1	Benzyl chloride	0.9200	0.150	1 0	92.0	0,	130		
1.000 0.150 1 0 100	Bromodichloromethane	1.030	0.150	1 0	103	70	130		
harne 0.8500 0.150 1.02 7.0 185 7.0 185 7.0 185 7.0 185 7.0 185 7.0 185 7.0 185 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 7.0 180 180 7.0 180 180 7.0 180 180 7.0 180 7.0 180 180 7.0 180 180 7.0 180 180 7.0 180 <th< td=""><td>Bromoform</td><td>1.000</td><td>0.150</td><td>1 0</td><td>90</td><td>70</td><td>130</td><td></td><td></td></th<>	Bromoform	1.000	0.150	1 0	90	70	130		
1,020 0,150 1,02	Bromomethane	0.8500	0.150	1 0	85.0	70	130		
1.080 0.0400 1.080 1.0	Carbon disulfide	1.020	0.150	1 0	102	70	130		
130 130	Carbon tetrachloride	1.080	0.0400	1 0	108	20	130		
nne 100 month	Chlorobenzene	0.9200	0.150	1 0	92.0	70	130		
hane beane consisted the process of	Chloroethane	0.8600	0.150	1 0	86.0	70	130		
hane hane hane hane hane hane hane hane	Chloroform	0.8700	0.150	1 0	87.0	70	130		
hioropethene 0.7400 0.150 1 0 0.7400 10.150 1 0 0.150 1	Chloromethane	0.9300	0.150	1 0	93.0	70	130		
hioropropene 1,030 0,150 1 0 103 70 130 ne 0,8600 0,150 1 0 0 86.0 70 130 tate 0,8900 0,150 1 0 0 86.0 70 130 and 0,9900 0,150 1 0 0 80.0 70 130 and 0,9000 0,150 1 0 0 90.0 70 130 and 0,9000 0,150 1 0 0 90.0 70 130 and 0,8000 0,150 1 0 0 90.0 70 130 by Ketone 0,2200 0,150 1 0 0 84.0 70 130 and 0,150 1 0 0 83.0 70 130 and 0,150 1 0 0 84.0 70 130 by Ketone 0,2200 0,150 1 0 0 84.0 70 130 and 0,150 0,150 1 0 0 130 1 0 0 130 by Ketone 0,2600 0,300 1 0 0 86.0 70 130 by Ketone 0,300 0,300 1 0 0 96.0 70 130 cholty Retone 0,300 0,300 1 0 0 96.0 70 130 cholty Retone 0,300 0,300 1 0 0 96.0 70 130 cholty Retone 0,300 0,300 1 0 0 96.0 70 130 cholty Retone 0,300 0,300 1 0 0 96.0 70 130 cholty Retone 0,300 0,150 1 0 0 97.0 70 130 by Ketone 0,300 0,150 1 0 0 97.0 70 130 cholty Retone 0,300 0,150 1 0 0 97.0 70 130 cholty Retone 0,300 0,150 1 0 0 97.0 70 130	cis-1,2-Dichloroethene	0.7400	0.150	1	74.0	20	130		
100 100	cis-1,3-Dichloropropene	1.030	0.150	1	103	70	130		
loromethane 0.9900 0.150 1 0 99.0 70 130 ate 0.8000 0.250 1 0 0.900 70 130 ate 0.8000 0.250 1 0 0.900 70 130 ate 0.9000 0.250 1 0 0 94.0 70 130 ate 0.9400 0.150 1 1 0 0 94.0 70 130 ate 0.9000 0.150 1 1 0 0 94.0 70 130 ate 0.9000 0.150 1 1 0 0 94.0 70 130 ate 0.9000 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 94.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 96.0 70 130 ate 0.9100 0.150 1 1 0 0 97.0 70 130 ate 0.9100 0.15	Cyclohexane	0.8600	0.150	1 0	86.0	70	130		
stee 0.88000 0.250 1 0 80.0 70 130 sne 0.9400 0.150 1 0 94.0 70 130 sne 0.9000 0.150 1 0 94.0 70 130 0.9600 0.150 1 0 96.0 70 130 0.9100 0.150 1 0 96.0 70 130 0.9100 0.150 1 0 96.0 70 130 0.8300 0.150 1 0 81.0 70 130 100hol 0.7700 0.150 1 0 84.0 70 130 1 0.8200 0.150 1 0 84.0 70 130 1 0.8200 0.330 1 0 86.0 70 130 1 0.9600 0.350 1 0 96.0 70 130 1 0.9100 <	Dibromochloromethane	0.9900	0.150	1 0	99.0	70	130		
ane	Ethyl acetate	0.8000	0.250	1	80.0	70	130		
1900 0.9000 0.150 1 0 90.0 70 130 130 130 0.9600 0.150 140 0.150 140 0.150 150 140 0.150	Ethylbenzene	0.9400	0.150	1 0	94.0	70	130		
0.9600 0.150 1 0 96.0 70 130	Freon 11	0.9000	0.150	1	90.0	20	130		
0.9100 0.150 1 0 91.0 70 130 130 0.8100 0.150 140 150	Freon 113	0.9600	0.150	1 0	96.0	20	130		
0.8100 0.150 1 0 81.0 70 130 130 0.8300 0.150 1 0 83.0 70 130 130 0.8300 0.150 1 1 0 83.0 70 130	Freon 114	0.9100	0.150	1 0	91.0	70	130		
0.8300 0.150 1 0 83.0 70 130 0.7200 0.150 1 0 0 72.0 70 130 0.7700 0.150 1 0 0 77.0 70 130 ltcohol 0.8400 0.150 1 0 0 77.0 70 130 yl Ketone 0.8200 0.300 1 0 82.0 70 130 yl Ketone 0.8600 0.300 1 0 86.0 70 130 butlyl Ketone 0.7700 0.300 1 0 96.0 70 130 chloride 0.9500 0.150 1 0 96.0 70 130 chloride 0.9100 0.150 1 0 91.0 70 130 E Value above quantitation range H Holding times for preparation or analysis exceeded J 1	Freon 12	0.8100	0.150	1 0	81.0	20	130		
13-butadiene 0.7200 0.150 1	Heptane	0.8300	0.150	1 0	83.0	70	130		
ulcohol 0.7700 0.150 1 0 77.0 70 130 ulcohol 0.8400 0.150 1 0 84.0 70 130 yl Ketone 0.8200 0.300 1 0 99.5 70 130 yl Ketone 0.8600 0.300 1 0 86.0 70 130 outyl Ketone 0.7700 0.300 1 0 86.0 70 130 butyl ether 0.9600 0.150 1 0 96.0 70 130 chloride 0.9100 0.150 1 0 96.0 70 130 Exploride Value above quantitation range H Holding times for preparation or analysis exceeded J	Hexachloro-1,3-butadiene	0.7200	0.150	1 0	72.0	20	130		
ulcohol 0.8400 0.150 1 0 84.0 70 130 ne 1.990 0.300 2 0 99.5 70 130 yl Ketone 0.8200 0.300 1 0 82.0 70 130 yl Ketone 0.8600 0.300 1 0 86.0 70 130 butyl Ketone 0.7700 0.300 1 0 77.0 70 130 chlorid ether 0.9600 0.150 1 0 96.0 70 130 chloride 0.9100 0.150 1 0 91.0 70 130 N. D. All Labove quantitation range H Holding times for preparation or analysis exceeded J D. D. D. D. D. D. D. D. D. D. D. D. D. D	Hexane	0.7700	0.150	1 0	77.0	20	130		
Pie 1,990 0.300 2 0 99.5 70 130 yl Ketone 0.8200 0.300 1 0 82.0 70 130 yl Ketone 0.8600 0.300 1 0 86.0 70 130 butyl Ketone 0.7700 0.300 1 0 77.0 70 130 butyl ketone 0.9700 0.150 1 0 96.0 70 130 chloride 0.9100 0.150 1 0 91.0 70 130 Discounties 0.9700 0.150 1 0 97.0 70 130 No. Drawl and the complex quantitation range H Holding times for preparation or analysis exceeded J	Isopropyl alcohol	0.8400	0.150	-0	84.0	70	130		
yl Ketone 0.8200 0.300 1 0 82.0 70 130 yl Ketone 0.8600 0.300 1 0 86.0 70 130 butyl Ketone 0.7700 0.300 1 0 77.0 70 130 butyl Ketone 0.9600 0.150 1 0 96.0 70 130 chloride 0.9100 0.150 1 0 91.0 70 130 Doctor 0.9700 0.150 1 0 97.0 70 130 B Value above quantitation range H Holding times for preparation or analysis exceeded J	m&p-Xylene	1.990	0.300	2 0	99.5	2	130		
yl Ketone 0.8600 0.300 1 0 86.0 70 130 butyl Ketone 0.7700 0.300 1 0 77.0 70 130 butyl Ether 0.9600 0.150 1 0 96.0 70 130 chloride 0.9700 0.150 1 0 91.0 70 130 E Value above quantitation range H Holding times for preparation or analysis exceeded J	Methyl Butyl Ketone	0.8200	0.300	٠	82.0	70	130		
butly Ketone 0.7700 0.300 1 0 77.0 70 130 -butly ether 0.9600 0.150 1 0 96.0 70 130 chloride 0.9100 0.150 1 0 91.0 70 130 0.9700 0.150 1 0 97.0 70 130 E Value above quantitation range H Holding times for preparation or analysis exceeded J	Methyl Ethyl Ketone	0.8600	0.300	1	86.0	70	130		
butly ether 0.9600 0.150 1 0 96.0 70 130 chloride 0.9100 0.150 1 0 91.0 70 130 0.9700 0.150 1 0 97.0 70 130 E Value above quantitation range H Holding times for preparation or analysis exceeded J	Methyl Isobutyl Ketone	0.7700	0.300	1 0	77.0	70	130		
chloride 0.9100 0.150 1 0 91.0 70 130 0.9700 0.150 1 0 97.0 70 130 E Value above quantitation range H Holding times for preparation or analysis exceeded J	Methyl tert-butyl ether	0.9600	0.150	1 0	96.0	70	130		
E Value above quantitation range H Holding times for preparation or analysis exceeded J	Methylene chloride	0.9100	0.150	1 0	91.0	20	130		
E Value above quantitation range H Holding times for preparation or analysis exceeded J	o-Xylene	0.9700	0.150	1 0	97.0	20	130		
No. 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	in.	guantitation range			or analysis	exceeded	I Analyte detect	ed at or below quantitation limite	
	1								

2C SUMMARY REPORT
ANALYTICAL (

MitKem A Division of Spectrum Analytical,

CDM/G0143 C0802002

Work Order: CLIENT:

Project:

TestCode: 0.25CT-TCE-VC

Sample ID: LCS1UT-020908	SampType: LCS	TestCoc	TestCode: 0.25CT-TCE- Units: ppbV	Units: ppbV		Prep Date:	öi	RunNo: 1490		
Client ID: ZZZZZ	Batch ID: R1490	Test	TestNo: TO-15			Analysis Dat	Analysis Date: 2/9/2008	SeqNo: 22177		
Analyte	Result	Pal	SPK value SPK Ref Val	vK Ref Val	%REC	LowLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD RPD	RPDLimit	Qual
Propylene	0.7100	0.150	-	0	71.0	0,2	130			
Styrene	0.9000	0.150	-	0	90.0	2	130			
Tetrachloroethylene	1.020	0.150	-	0	102	70	130			
Tetrahydrofuran	0.7300	0.150	-	0	73.0	2	130			
Toluene	0.9300	0.150	-	0	93.0	70	130			
trans-1,2-Dichloroethene	0.8700	0.150		0	87.0	20	130			
trans-1,3-Dichloropropene	0.9100	0.150	~~	0	91.0	20	130			
Trichloroethene	1.040	0.0400	-	0	104	70	130			
Vinyl acetate	0.7700	0.150	-	0	77.0	20	130			
Vinyl Bromide	0.8200	0.150	-	0	82.0	70	130			
Vinyl chloride	0.8400	0.0400	-	0	84.0	70	130			
Surr: Bromofluorobenzene	1.030	0	-	0	103	70	130			

E Value above quantitation range H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit RPD outside accepted recovery limits	J Analyte detected at or below quantitation limits	S Spike Recovery outside accepted recovery limits
Value above quantitation range Holding times for preparation or and Not Detected at the Reporting Limit RPD outside accepted recovery limit	_	<i>U</i>
Value above quantitation range Not Detected at the Reporting Limit	Ĕ	iside accepted recovery limi
Value above quantitation range Not Detected at the Reporting Limit	H	~
	Value above quantitation ran	Not Detected

Qualifiers:

MitKem A Division of Spectrum Analytical, C0802002 CLIENT:

Work Order:

CDM/G0143 Project:

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Date: 24-Mar-08

	Sample ID: MB1UT-020708 SampType:	SampType: MBLK	TestCode: 0.25CT-TCE-	SECT-TOE- Units: pub/	Pren Date:	ıte:		BinNo: 1488	
) -		,		
	Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15	2-15	Analysis Date:	ate: 2/7/2008	800	SeqNo: 22144	
	Analyte	Result	PQL SPI	SPK value SPK Ref Val	%REC LowLimit	HighLimit	t RPD Ref Val	%RPD RPDLimit	Qual
	1,1,1-Trichloroethane	QN	0.150				•		
	1,1,2,2-Tetrachloroethane	QN	0.150						
	1,1,2-Trichloroethane	Q	0.150						
	1,1-Dichloroethane	QN.	0.150						
	1,1-Dichloroethene	QV	0.150						
	1,2,4-Trichlorobenzene	QN	0.150						
	1,2,4-Trimethylbenzene	Q	0.150						
	1,2-Dibromoethane	QN	0.150						
	1,2-Dichlorobenzene	9	0.150						
	1,2-Dichloroethane	QN	0.150						
	1,2-Díchloropropane	QN	0.150						
	1,3,5-Trimethylbenzene	QN	0.150						
	1,3-butadiene	QN	0.150						
	1,3-Dichlorobenzene	Q	0.150						
	1,4-Dichlorobenzene	Q	0.150						
	1,4-Dioxane	Q	0.300						
	2,2,4-trimethylpentane	QN	0.150						
	4-ethyltoluene	QN	0.150						
	Acetone	2	0.300						
	Allyl chloride	QN	0.150						
	Benzene	Q	0.150						
	Benzyl chloride	Q	0.150						
	Bromodichloromethane	Q	0.150						
	Bromoform	QN	0.150						
	Bromomethane	QN	0.150						
	Carbon disulfide	2	0.150						
	Carbon tetrachloride	QN	0.0400						
	Chlorobenzene	Q	0.150						
	Chloroethane	8	0.150						
1	Onalifiers: E Value above	Value above quantitation range	I	Holding times for menaration or analysis expended	or analysis expended	-	Analyto detected at	Anslyte detected at or helow quantitation limits	
	2 5	quantumical range	: 6	norming times for proparation	to analysis exceeded	.	Analytic defected at	or octow quantitation minis	
		ivot Detected at the Reporting Limit	4	KPD outside accepted recovery limits	ry irmits	n	Spike Recovery our	Spike Kecovery outside accepted recovery itmis	ro.

MitKem A Division of Spectrum Analytical, CLIENT:

C0802002 CDM/G0143 Work Order: Project:

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Sample ID: MB101-020/08	Samplybe: MBLK	TestCode:	TestCode: 0.25CT-TCE- Units: ppbV	Prep Date:		RunNo: 1488	
Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15	TO-15	Analysis Date: 2/7/	2/7/2008	SeqNo: 22144	
Analyte	Result	POL	SPK value SPK Ref Val	%REC LowLimit HighLimit	nit RPD Ref Val	%RPD RPDLimit	Qual
Chloroform	QN	0.150					
Chloromethane	QN	0.150					
cis-1,2-Dichloroethene	Q	0.150					
cis-1,3-Dichloropropene	ΩN	0.150					
Cyclohexane	Q	0.150					
Dibromochloromethane	<u>N</u>	0.150					
Ethyl acetate	ND	0.250					
Ethylbenzene	QN	0.150					
Freon 11	QN	0.150					
Freon 113	QN	0.150					
Freon 114	QN	0.150					
Freon 12	QN	0.150					
Heptane	QN	0.150					
Hexachloro-1,3-butadiene	QN	0.150					
Hexane	QN	0.150					
Isopropyl alcohol	QN	0.150					
m&p-Xylene	Q	0.300					
Methyl Butyl Ketone	QN	0.300					
Methyl Ethyl Ketone	ON	0.300					
Methyl Isobutyl Ketone	ON	0.300					
Methyl tert-butyl ether	QN	0.150					
Methylene chloride	Q	0.150					
o-Xylene	ΩN	0.150					
Propylene	QN	0,150					
Styrene	QN	0.150					
Tetrachloroethylene	QN	0.150					
Tetrahydrofuran	QN	0.150					
Toluene	QN	0.150					
trans-1,2-Dichloroethene	QN	0.150					
trans-1,3-Dichloropropene	QN	0.150					
Trichloroethene	QN	0.0400					
Qualifiers: E Value above	Value above quantitation range		H Holding times for preparation or analysis exceeded		Analyte detected at	Analyte detected at or below quantitation limits	

CLIENT: Mit	MitKem A Division of Spectrum Analytical,	Analytical,		ANALY	FICAL QC SU	ANALYTICAL QC SUMMARY REPORT	RT
-	CDM/G0143				TestCode: (TestCode: 0.25CT-TCE-VC	
Sample ID: MB1UT-020708 Client ID: ZZZZZ	708 SampType: MBLK Batch ID: R1488	TestCode: 0.25C1 TestNo: TO-15	TestCode: 0.25CT-TCE- Units: ppbV TestNo: TO-15	Prep Date: Analysis Date:	2/7/2008	RunNo: 1488 SeqNo: 22144	
Analyte	Result	Pol	SPK value SPK Ref Val	%REC LowLimit High	HighLimit RPD Ref Val	%RPD RPDLimit	Qual
Vinyl acetate Vinyl Bromide Vinyl chloride Surr: Bromofluorobenzene	ND ND ND Sene 0.7800	0.150 0.150 0.0400	1 0	78.0 70	130		
Sample ID: MB1UT-020908	908 SampType: MBLK	TestCode:	TestCode: 0.25CT-TCE- Units: ppbV	Prep Date:		RunNo: 1490	
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15	TO-15	Analysis Date:	2/9/2008	SeqNo: 22176	
Analyte	Result	POL	SPK value SPK Ref Val	%REC LowLimit High	HighLimit RPD Ref Val	%RPD RPDLimit	Qual
1,1,1-Trichloroethane	QN	0.150					
1,1,2,2-Tetrachloroethane		0.150					
1,1,2-Trichloroethane	Q	0.150					
1,1-Dichloroethane	QN	0.150					
1,1-Dichloroethene	QN	0.150					
1,2,4-Trichlorobenzene	Q	0.150					
1,2,4-Trimethylbenzene	QN	0.150					
1,2-Dibromoethane	QN !	0.150					
1,2-Dichlorobenzene		0.150					
1,2-Dichloroemane		0.150					
1,3,5-Trimethylbenzene	2 2	0.150					
1,3-butadiene	QN	0.150					
1,3-Dichlorobenzene	QN	0.150					
1,4-Dichlorobenzene	QN	0.150					
1,4-Dioxane	QN	0.300					
2,2,4-trimethylpentane	QN	0.150					
4-ethyltoluene	QN	0.150					
Acetone	ΩN	0.300					
Allyl chloride	QN	0.150					
Benzene	ON	0.150					
Qualifiers: E Val	Value above quantitation range Not Detected at the Reporting Limit		H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	on or analysis exceeded ery limits	J Analyte detected a S Spike Recovery or	Analyte detected at or below quantitation limits Spike Recovery outside accepted recovery limits	

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CLIENT: MitKem A Division of Spectrum Analytical,

Work Order: C0802002

Project: CDM/G0143

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

			and the same constant				
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15	0-15	Analysis Date:	2/9/2008	SeqNo: 22176	
Analyte	Result	PQL SP	SPK value SPK Ref Val	%REC LowLimit High	HighLimit RPD Ref Val	%RPD RPDLimit	Qual
Benzyl chloride	QN	0.150					
Bromodichloromethane	Q	0.150					
Bromoform	Q	0.150					
Bromomethane	QN	0.150					
Carbon disulfide	9	0.150					
Carbon tetrachloride	QN	0.0400					
Chlorobenzene	9	0.150					
Chloroethane	Q	0.150					
Chloroform	Q	0.150					
Chloromethane	Q	0.150					
cis-1,2-Dichloroethene	9	0.150					
cis-1,3-Dichloropropene	Q	0.150					
Cyclohexane	9	0.150					
Dibromochloromethane	Q	0.150					
Ethyl acetate	Q	0.250					
Ethylbenzene	ON.	0.150					
Freon 11	Q	0.150					
Freon 113	9	0.150					
Freon 114	Q	0.150					
Freon 12	Q	0.150					
Heptane	9	0.150					
Hexachloro-1,3-butadiene	Q	0.150					
Hexane	Q	0.150					
Isopropyi alcohol	9	0.150					
m&p-Xylene	Q	0.300					
Methyl Butyl Ketone	ON.	0.300					
Methyl Ethyl Ketone	9	0.300					
Methyl Isobutyl Ketone	2	0.300					
Methyl tert-butyl ether	QN	0.150					
Methylene chloride	QN	0.150					
o-Xylene	QN	0.150					
Qualifiers: E Value abov	Value above quantitation range	H	Holding times for preparation or analysis exceeded	or analysis exceeded	J Analyte detected a	Analyte detected at or below quantitation limits	
			•		•	•	

ANAI VTICAL OC SHAMARV BEBORT	THE TANK TO SOME THE OWN
MitKem A Division of Spectrum Analytical,	C0802002

TestCode: 0.25CT-TCE-VC

CDM/G0143 Project:

C0802002

Work Order: CLIENT:

Sample ID: MB1UT-020908	SampType: MBLK	TestCo	TestCode: 0.25CT-TCE- Units: ppbV	Units: ppbV		Prep Date:	.i		RunNo: 1490	0	
Client ID: ZZZZZ	Batch ID: R1490	Test	TestNo: TO-15		⋖.	Inalysis Dat	Analysis Date: 2/9/2008	80	SeqNo: 22176	92	
Analyte	Result	Pal	SPK value SPK Ref Val	K Ref Val	%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit Qual	Qual
Propylene	ΔN	0.150									
Styrene	Ð	0.150									
Tetrachloroethylene	QN	0.150									
Tetrahydrofuran	QN	0.150									
Toluene	QN	0.150									
trans-1,2-Dichloroethene	Q	0.150									
trans-1,3-Dichloropropene	<u>N</u>	0.150									
Trichloroethene	<u>N</u>	0.0400									
Vinyl acetate	<u>Q</u>	0.150									
Vinyl Bromide	Ð	0.150									
Vinyl chloride	<u>N</u>	0.0400									
Surr: Bromofluorobenzene	0.7700	0	-	0	77.0	70	130				

Holding times for preparation or analysis exceeded H H

RPD outside accepted recovery limits

Analyte detected at or below quantitation limits Spike Recovery outside accepted recovery limits - S

	Amount IDL #1	177 #1	IDL #2	2 2	11.7 Hrs	10L #3	104 HO	ימדער	479		JONEC IDE	
Propylene	0.300	0.280	0.270	0.270	0.290	0.270	0.270	0.270	0.274	0.008	91.3	0.025
Freon 12	0.300	0.310	0.310	0.290	0.300	0.290	0.290	0.290	0.297	0.010	0.66	0.031
Chloromethane	0.300	0.330	0.290	0.290	0.320	0.280	0.300	0.310	0.303	0.018	101.0	0.057
Freon 114	0.300	0.310	0.300	0.280	0.290	0.290	0.290	0.290	0.293	0.010	7.76	0.031
Vinyl Chloride	0.300	0.290	0.300	0.320	0.280	0.280	0.290	0.300	0.294	0.014	98.0	0.044
1,3-butadiene	0.300	0.310	0.300	0.310	0.310	0.280	0.310	0.380	0.314	0.031	104.7	0.097
Bromomethane	0.300	0.340	0.310	0.290	0.320	0.270	0.280	0.330	0.306	0.026	102.0	0.082
Chloroethane	0.300	0.330	0.310	0.280	0.310	0.330	0.290	0.320	0.310	0.019	103.3	090.0
Ethanol	0.300	0.300	0.310	0.320	0.290	0.250	0.280	0.330	0.297	0.027	99.0	0.085
Vinyl Bromide	0.300	0.300	0.310	0.280	0.300	0.290	0.280	0.300	0.294	0.011	98.0	0.035
Freon 11	0.300	0.310	0.300	0.300	0.300	0.300	0.300	0.310	0.303	0.005	101.0	0.016
Acetone	0.300	0.270	0.300	0.300	0.280	0.310	0.300	0.310	0.296	0.015	98.7	0.047
Isopropyl alcohol	0.300	0.300	0.320	0.320	0.280	0.310	0.280	0.310	0.303	0.017	101.0	0.053
1,1-dichloroethene	0.300	0.330	0.370	0.290	0.320	0.300	0.290	0.320	0.317	0.028	105.7	0.088
Freon 113	0.300	0.320	0.350	0.300	0.300	0.290	0.300	0.300	0.309	0.020	103.0	0.063
t-Butyl alcohol	0.300	0.270	0.290	0.280	0.290	0.300	0.310	0.260	0.286	0.017	95.3	0.053
Methylene chloride	0.300	0.320	0.340	0.360	0.300	0.350	0.390	0.310	0.339	0.031	113.0	0.097
Allyl chloride	0.300	0.320	0.340	0.310	0.290	0.290	0.290	0.320	0.309	0.020	103.0	0.063
Carbon disulfide	0.300	0.320	0.370	0.370	0.350	0.380	0.380	0.350	0.360	0.022	120.0	0.069
trans-1,2-dichloroethene	0.300	0.300	0.300	0.280	0.280	0.280	0.290	0.290	0.289	600.0	96.3	0.028
methyl tert-butyl ether	0.300	0.280	0.290	0.290	0.300	0.290	0.320	0.240	0.287	0.024	95.7	0.075
1,1-dichloroethane	0.300	0.310	0.300	0.290	0.300	0.280	0.280	0.290	0.293	0.011	97.7	0.035
Vinyl acetate	0.300	0.280	0.300	0.290	0.300	0.300	0.270	0.290	0.290	0.012	2.96	0.038
Methyl Ethyl Ketone	0.300	0.300	0.320	0.270	0.270	0.300	0.270	0.290	0.289	0.020	96.3	0.063
cis-1,2-dichloroethene	0.300	0.290	0.280	0.270	0.270	0.260	0.260	0.270	0.271	0.011	90.3	0.035
Hexane	0.300	0.280	0.300	0.260	0.290	0.240	0.250	0.280	0.271	0.022	90.3	0.069
Ethyl acetate	0.300	0.320	0.330	0.340	0.320	0.310	0.260	0.330	0.316	0.026	105.3	0.082
Chloroform	0.300	0.300	0.310	0.290	0.300	0.280	0.290	0.290	0.294	0.010	98.0	0.031
Tetrahydrofuran	0.300	0.330	0.340	0.340	0.320	0.320	0.300	0.330	0.326	0.014	108.7	0.044
1,2-dichloroethane	0.300	0.310	0.290	0.290	0.270	0.280	0.270	0.290	0.286	0.014	95.3	0.044
1,1,1-trichloroethane	0.300	0.320	0.310	0.310	0.300	0.300	0.300	0.310	0.307	0.008	102.3	0.025
Cyclohexane	0.300	0.270	0.290	0.270	0.250	0.250	0.260	0.280	0.267	0.015	89.0	0.047
Carbon tetrachloride	0.300	0.320	0.310	0.290	0.290	0.300	0.300	0.290	0.300	0.012	100.0	0.038
Odoraca	000											

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Page 1 of 2

	0.088	0.028	0.082	0.016	0.038	0.025	0.047	0.047	0.038	0.025	0.047	0.038	0.031	0.035	0.016	0.041	0.035	0.025	0.044	0.025	0.044	0.031	0.035	0.025	0.047	0.060	0.031	0.082	0.035	690.0	0.063	0.060	0.031
%Rec	102.3	87.0	88.0	91.3	93.7	101.3	92.3	93.7	96.3	86.7	94.3	100.0	100.0	97.7	5.76	97.0	92.3	86.0	91.0	93.3	2.96	91.3	88.7	85.7	88.7	100.0	81.0	93.3	79.0	84.7	0.66	92.0	87.7
Stdev	0.028	0.009	0.026	0.005	0.012	0.008	0.015	0.015	0.012	0.008	0.015	0.012	0.010	0.011	0.005	0.013	0.011	0.008	0.014	0.008	0.014	0.010	0.011	0.008	0.015	0.019	0.010	0.026	0.011	0.022	0.020	0.019	0.010
4/2	0.307	0.261	0.264	0.274	0.281	0.304	0.277	0.281	0.289	0.260	0.283	0.300	0.300	0.293	0.293	0.291	0.277	0.516	0.273	0.280	0.290	0.913	0.266	0.257	0.266	0.300	0.243	0.280	0.237	0.254	0.297	0.276	0.263
1DF #1	0.340	0.260	0.270	0.270	0.290	0.300	0.250	0.280	0.280	0.260	0.260	0.290	0.280	0.290	0.290	0.290	0.280	0.510	0.290	0.280	0.300	0.910	0.250	0.250	0.250	0.300	0.240	0.300	0.220	0.250	0.290	0.260	0.250
9# 7 <i>01</i>	0,310	0.260	0.250	0.280	0.290	0.300	0.290	0.270	0.290	0.260	0.270	0.290	0.300	0.280	0.290	0.280	0.270	0.510	0.260	0.270	0.270	0.910	0.260	0.250	0.270	0.300	0.240	0.290	0.230	0.280	0.300	0.270	0.270
9# 7 <i>01</i>	0.280	0.260	0.260	0.270	0.260	0.300	0.280	0.270	0.280	0.260	0.280	0.290	0.310	0.290	0.290	0.270	0.260	0.510	0.250	0.270	0.300	0.900	0.260	0.250	0.270	0.290	0.230	0.280	0.240	0.230	0.300	0.280	0.260
10L #4	0.290	0.260	0.250	0.270	0.280	0.300	0.270	0.270	0.280	0.270	0.300	0.300	0.310	0.280	0.290	0.300	0.270	0.510	0.270	0.280	0.300	0.910	0.260	0.260	0.270	0.280	0.240	0.250	0.240	0.270	0.270	0.280	0.260
E# 701	0.330	0.250	0.240	0.270	0.270	0.300	0.270	0.280	0.280	0.250	0.300	0.300	0.300	0.300	0.290	0.290	0.280	0.520	0.280	0.290	0.300	0.930	0.280	0.260	0.280	0.300	0.240	0.310	0.250	0.280	0.330	0.280	0.260
IDL #2	0.270	0.260	0.320	0.280	0.290	0.310	0.290	0.290	0.300	0.250	0.280	0.310	0.300	0.300	0.300	0.300	0.290	0.520	0.280	0.280	0.270	0.920	0.280	0.260	0.280	0.340	0.260	0.240	0.230	0.230	0.280	0.310	0.280
10T#1	0.330	0.280	0.260	0.280	0.290	0.320	0.290	0.310	0.310	0.270	0.290	0.320	0.300	0.310	0.300	0.310	0.290	0.530	0.280	0.290	0.290	0.910	0.270	0.270	0.240	0.290	0.250	0.290	0.250	0.240	0.310	0.250	0.260
Amount	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.600	0.300	0.300	0.300	1.000	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300
Name	O)	2,2,4-trimethylpentane	Heptane	Trichloroethene	1,2-dichloropropane	Bromodichloromethane	cis-1,3-dichloropropene	trans-1,3-dichloropropene	1,1,2-trichloroethane	Toluene	Methyl Isobutyl Ketone	Dibromochloromethane	Methyl Butyl Ketone	1,2-dibromoethane	Tetrachloroethylene	Chlorobenzene	Ethylbenzene	m&p-xylene	Styrene	Bromoform	o-xylene	Bromofluorobenzene	1,1,2,2-tetrachloroethane	4-ethyltoluene	1,3,5-trimethylbenzene	1,2,4-trimethylbenzene	1,3-dichlorobenzene	benzyl chloride	1,4-dichlorobenzene	1,2-dichlorobenzene	1,2,4-trichlorobenzene	Naphthalene	Hexachloro-1,3-butadiene

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<u> </u>	0.028	0.019	0.009	0.044	
%Rec	102	92	90	98	
Stdev	0.00	0.00	0.003	0.014	
Avg	0.102	0.095	0.000	0.863	
IDE#7	0.108	0.103	0.092	0.871	•
9# <i>∏@</i>	0.101	0.095	0.085	0.886	
IDE#101	0.112	0.093	0.000	0.843	
100 #4	0.100	0.090	0.089	0.857	
(IDE#30)	0.086	0.086	0.087	0.861	
"IDL #2"	0.108	0.098	0.091	0.869	
#ITOU	0.096	0.102	0.094	0.851)
Amount	0.100	0.100	0 100	1,000	,
Namen Pan	Vinyl Chloride	Carbon fatrachloride	Trickloroethene	Bromofiliorohenzene	

GC/MS-Whole Air Calculations

Relative Response Factor (RRF)

$$RRF = \underbrace{Ax * Cis}_{Ais * Cx}$$

where: Ax = area of the characteristic ion for the compound being measured.

Ais = area of the characteristic ion for the specific internal standard of the

compound being measured

Cx = concentration of the compound being measured (ppbv)

Cis = concentration of the internal standard (ppbv)

Percent Relative Standard Deviation (%RSD)

Percent Difference (%D)

where: RRFc = relative response factor from the continuing calibration mean RRFi = mean relative response factor from the initial calibration

Sample Calculations

$$ppbv = \underbrace{Ax * Is * Df}_{Ais} * RRF$$

where: Ax = area of the characteristic ion for the compound being measured

Ais = area of the characteristic ion for the specific internal standard of the

compound being measured

Is = Concentration of the internal standard injected (ppbv)

RRF= relative response factor for the compound being measured

Df = Dilution factor.

GC/MS VOLATILES-WHOLE ATR

METHOD TO-15

SAMPLE DATA

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP4-SVI

Lab Order: C0802002 **Tag Number:** 419, 296 Collection Date: 1/29/2008 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-001A

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
FIELD PARAMETERS		FLD)		Analyst:
Vacuum Reading "Hg	-4		"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	5		Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	0.210	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.150	0.150	ppbV	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Acetone	13.1	3.00	Vdqq	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Benzene	0.730	0.150	ppbV	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Bromoform	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Carbon disulfide	1.18	0.150	ppbV	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.0400	0.0400	ppbV	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.140	0.150	J ppbV	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.150		1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.150	ppbV Vdqq	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene			Vdqq		
·	ND ND	0.150	Vdqq	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene		0.150	ppbV	1	2/8/2008 10:57:00 AM
Cyclohexane	6.70	1.50	ppbV	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Ethyl acetate	0.410	0.250	ppbV	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.190	0.150	ppbV	1	2/8/2008 10:57:00 AM

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Ε Value above quantitation range
- Analyte detected at or below quantitation limits
- Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: Lab Order: MitKem A Division of Spectrum Analytical,

C0802002

Project:

CDM/G0143

Lab ID:

C0802002-001A

Client Sample ID: 828149-GP4-SVI

Tag Number: 419, 296 **Collection Date:** 1/29/2008

Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
Freon 11	0.190	0.150	ppbV	1	2/8/2008 10:57:00 AM
Freon 113	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Freon 114	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Freon 12	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Heptane	0.750	0.150	ppbV	1	2/8/2008 10:57:00 AM
Hexachloro-1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Hexane	14.5	1.50	ppbV	10	2/8/2008 11:30:00 AM
Isopropyl alcohol	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
m&p-Xylene	0.480	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl Butyl Ketone	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl Ethyl Ketone	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl Isobutyl Ketone	ND	0.300	ppbV	1	2/8/2008 10:57:00 AM
Methyl tert-butyl ether	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Methylene chloride	0.170	0.150	ppbV	1	2/8/2008 10:57:00 AM
o-Xylene	0.160	0.150	ppbV	1	2/8/2008 10:57:00 AM
Propylene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Styrene	0.320	0.150	ppbV	1	2/8/2008 10:57:00 AM
Tetrachloroethylene	0.230	0.150	ppbV	1	2/8/2008 10:57:00 AM
Tetrahydrofuran	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Toluene	4.20	1.50	ppbV	10	2/8/2008 11:30:00 AM
trans-1,2-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
trans-1,3-Dichloropropene	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Trichloroethene	0.0400	0.0400	ppbV	1	2/8/2008 10:57:00 AM
Vinyl acetate	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Vinyl Bromide	ND	0.150	ppbV	1	2/8/2008 10:57:00 AM
Vinyl chloride	ND	0.0400	ppbV	1	2/8/2008 10:57:00 AM
Surr: Bromofluorobenzene	93.0	70-130	%REC	1	2/8/2008 10:57:00 AM

On	ali	fīr	re

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

 $JN \quad \ Non-routine \ analyte. \ Quantitation \ estimated.$

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

MitKem A Division of Spectrum Analytical, CLIENT:

Lab Order: C0802002 Project: CDM/G0143 Lab ID: C0802002-001A Client Sample ID: 828149-GP4-SVI

Tag Number: 419, 296 Collection Date: 1/29/2008 Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	0	0	ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15	5		Analyst: LL
1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 10:57:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/8/2008 10:57:00 AM
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 10:57:00 AM
1,1-Dichloroethene	ND	0.605	ug/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/8/2008 10:57:00 AM
1,2,4-Trimethylbenzene	1.05	0.749	ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 10:57:00 AM
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/8/2008 10:57:00 AM
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/8/2008 10:57:00 AM
1,3-butadiene	ND	0.337	ug/m3	1	2/8/2008 10:57:00 AM
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 10:57:00 AM
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 10:57:00 AM
1,4-Dioxane	ND	1.10	ug/m3	1	2/8/2008 10:57:00 AM
2,2,4-trimethylpentane	0.712	0.712	ug/m3	1	2/8/2008 10:57:00 AM
4-ethyltoluene	ND	0.750	ug/m3	1	2/8/2008 10:57:00 AM
Acetone	31.6	7.24	ug/m3	10	2/8/2008 11:30:00 AM
Allyl chloride	ND	0.477	ug/m3	1	2/8/2008 10:57:00 AM
Benzene	2.37	0.487	ug/m3	1	2/8/2008 10:57:00 AM
Benzyl chloride	ND	0.877	ug/m3	1	2/8/2008 10:57:00 AM
Bromodichloromethane	ND	1.02	ug/m3	1	2/8/2008 10:57:00 AM
Bromoform	ND	1.58	ug/m3	1	2/8/2008 10:57:00 AM
Bromomethane	ND	0.592	ug/m3	1	2/8/2008 10:57:00 AM
Carbon disulfide	3.73	0.475	ug/m3	1	2/8/2008 10:57:00 AM
Carbon tetrachloride	0.256	0.256	ug/m3	1	2/8/2008 10:57:00 AM
Chlorobenzene	0.655		J ug/m3	1	2/8/2008 10:57:00 AM
Chloroethane	ND	0.402	ug/m3	1	2/8/2008 10:57:00 AM
Chloroform	ND	0.744	ug/m3	1	2/8/2008 10:57:00 AM
Chloromethane	ND	0.315	ug/m3	1	2/8/2008 10:57:00 AM
cis-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 10:57:00 AM
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 10:57:00 AM
Cyclohexane	23.4	5.25	ug/m3	10	2/8/2008 11:30:00 AM
Dibromochloromethane	ND	1.30	ug/m3	1	2/8/2008 10:57:00 AM
Ethyl acetate	1.50	0.916	ug/m3	1	2/8/2008 10:57:00 AM
Ethylbenzene	0.839	0.662	ug/m3	1	2/8/2008 10:57:00 AM

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Non-routine analyte. Quantitation estimated. JN
- Spike Recovery outside accepted recovery limits
- Ε Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP4-SVI

Lab Order:

C0802002

Tag Number: 419, 296

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-001A

Matrix: AIR

Analyses	Result	Limit	Qual Units	DF	Date Analyzed		
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15		Analyst: LL		
Freon 11	1.09	0.857	ug/m3	1	2/8/2008 10:57:00 AM		
Freon 113	ND	1.17	ug/m3	1	2/8/2008 10:57:00 AM		
Freon 114	ND	1.07	ug/m3	1	2/8/2008 10:57:00 AM		
Freon 12	ND	0.754	ug/m3	1	2/8/2008 10:57:00 AM		
Heptane	3.12	0.625	ug/m3	1	2/8/2008 10:57:00 AM		
Hexachloro-1,3-butadiene	ND	1.63	ug/m3	1	2/8/2008 10:57:00 AM		
Hexane	51.9	5.37	ug/m3	10	2/8/2008 11:30:00 AM		
Isopropyl alcohol	ND	0.375	ug/m3	1	2/8/2008 10:57:00 AM		
m&p-Xylene	2.12	1.32	ug/m3	1	2/8/2008 10:57:00 AM		
Methyl Butyl Ketone	ND	1.25	ug/m3	1	2/8/2008 10:57:00 AM		
Methyl Ethyl Ketone	ND	0.899	ug/m3	1	2/8/2008 10:57:00 AM		
Methyl Isobutyl Ketone	ND	1.25	ug/m3	1	2/8/2008 10:57:00 AM		
Methyl tert-butyl ether	ND	0.550	ug/m3	1	2/8/2008 10:57:00 AM		
Methylene chloride	0.600	0.530	ug/m3	1	2/8/2008 10:57:00 AM		
o-Xylene	0.706	0.662	ug/m3	1	2/8/2008 10:57:00 AM		
Propylene	ND	0.262	ug/m3	1	2/8/2008 10:57:00 AM		
Styrene	1.39	0.649	ug/m3	1	2/8/2008 10:57:00 AM		
Tetrachloroethylene	1.59	1.03	ug/m3	1	2/8/2008 10:57:00 AM		
Tetrahydrofuran	ND	0.450	ug/m3	1	2/8/2008 10:57:00 AM		
Toluene	16. 1	5.75	ug/m3	10	2/8/2008 11:30:00 AM		
trans-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 10:57:00 AM		
trans-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 10:57:00 AM		
Trichloroethene	0.218	0.218	ug/m3	1	2/8/2008 10:57:00 AM		
Vinyl acetate	ND	0.537	ug/m3	1	2/8/2008 10:57:00 AM		
Vinyl Bromide	ND	0.667	ug/m3	1	2/8/2008 10:57:00 AM		
Vinyl chloride	ND	0.104	ug/m3	1	2/8/2008 10:57:00 AM		

Qualifiers

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Data Path : C:\msdchem\1\DATA\

Acq On : 8 Feb 2008 10:57 am Operator :

Sample : C0802002-UULA
Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 13 09:45:08 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	11.1.	Q1011	response	Conc Units	Dev(MIU)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.818 12.892 17.047	114	20898 63555 66974	1.00 ppb	0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000 Ran	18.464 nge 70			0.93 ppb ry = 93.	0.00
12) Acetone16) Methylene chloride18) Carbon disulfide	6.819 7.008 8.053 8.248 9.983 10.590 12.391 12.334 12.310 13.048 13.351 13.472 15.309 16.227 17.086 17.311 17.464 17.863	58 84 76 41 43 56 117 78 57 43 130 92 164 112 91	6787m 136161 489066 18220 340646 5361	1.18 ppb 15.32 ppb 0.41 ppb 9.03 ppb 0.04 ppb 0.73 ppb 0.15 ppb 0.75 ppb 0.04 ppb 6.45 ppb 0.23 ppb 0.14 ppb 0.19 ppb 0.48 ppb	90 # 56 97 89 97

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

C:\msdchem\1\DATA\
BD020733.D

Data File Data Path

```
Quant Time: Feb 13 09:45:08 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
                      C0802002-001A
lugM3 & 0.25TCE, CT, VNCL
28 Sample Multiplier: 1
                                                                                                                : Initial Calibration
  am
10:57
Feb 2008
ω
                                                                                                                  Response via
            Operator
                                             ALS Vial
                                                                                                                                       Abundance
3.2e+07
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                                                                                                                                                                           3e+07
                                                                                                                                                                                                                                                                                                            2e+07
Acq On
                                                                                                                                                                                                     2.8e+07
                                                                                                                                                                                                                              2.6e+07
                                                                                                                                                                                                                                                        2,46+07
                                                                                                                                                                                                                                                                                 2.29+07
                                                                                                                                                                                                                                                                                                                                                                                         1.4e+07
                                                                                                                                                                                                                                                                                                                                                                                                                  1.2e+07-
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Sample
                                                                                                                                                                                                                                                                                                                                       1.8e + 07
                                                                                                                                                                                                                                                                                                                                                               1.6e+07
                                  Misc
                                                                                                                                                                                                                                            Page 75 of 354.
```

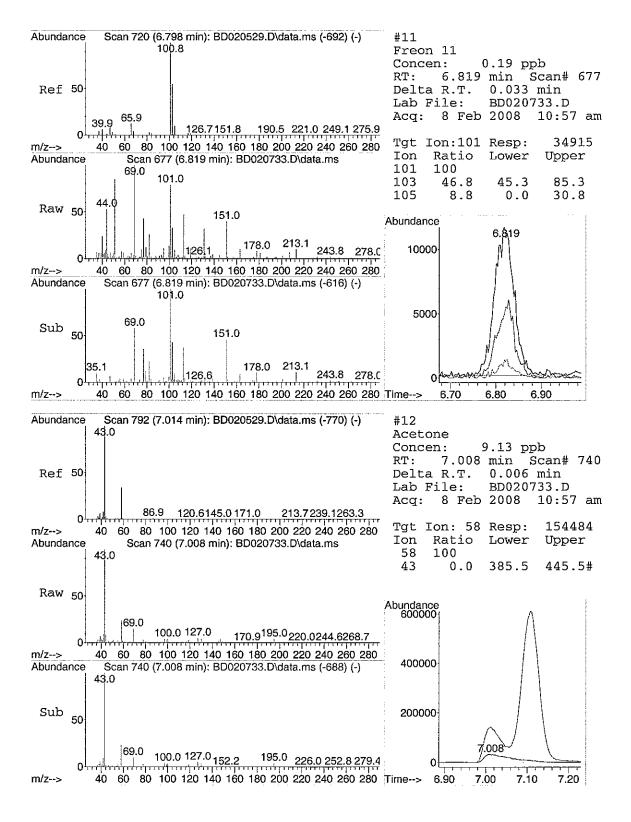
22,00 21.00 20.00 T,enaznadlyritamint-4,S,f 19.00 Scornolluorobenzene, S. 18.00 TTANIMYX13 Ethylbenzene,T m&p-xylene,T 17,00 1,641,97,927,936,145,1 Tetrachloroethylene,T 16.00 T,ensuloT 15.00 TIC: BD020733.D\data.ms 14.00 Heptane,T Trachloroethene,T 13.00 1,4-difluorobenasma,4,7,5,2,4 T,9nstnaqtyntamint-4,2,2 T, sbinet (3) (3) (3) (3) (3) (3) 12.00 1.00 Bromochloromethane,I Ethyl acetate,T 10.00 T,ansxaH 9.00 Carbon disulfide,T 8.00 Methylene chloride,T 2.00 T,enoteo_ T,tf nosi7 6.00 2.00 2000000 Time-->

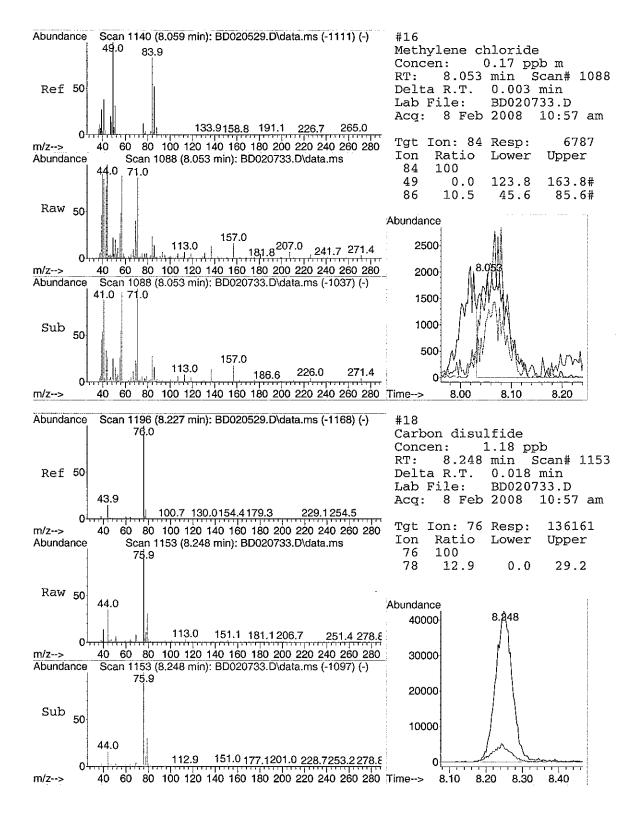
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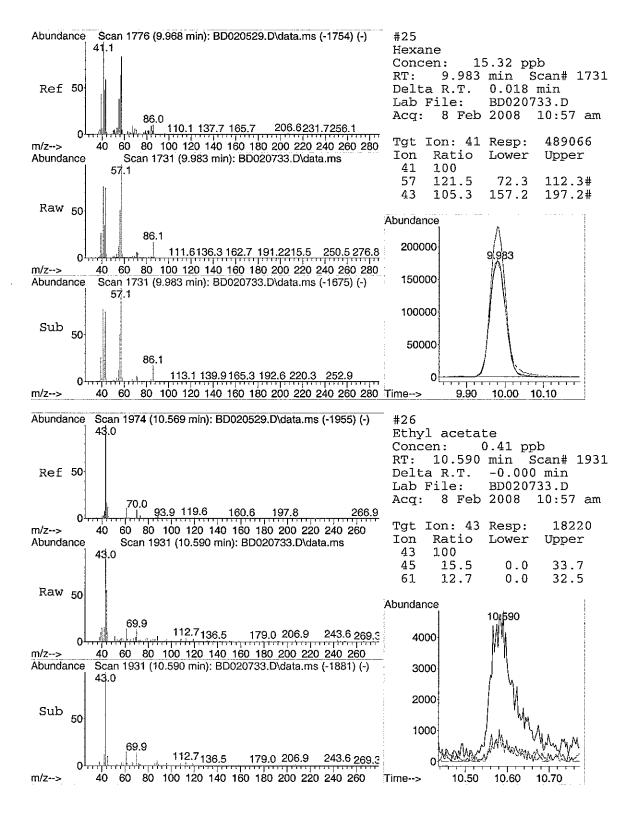
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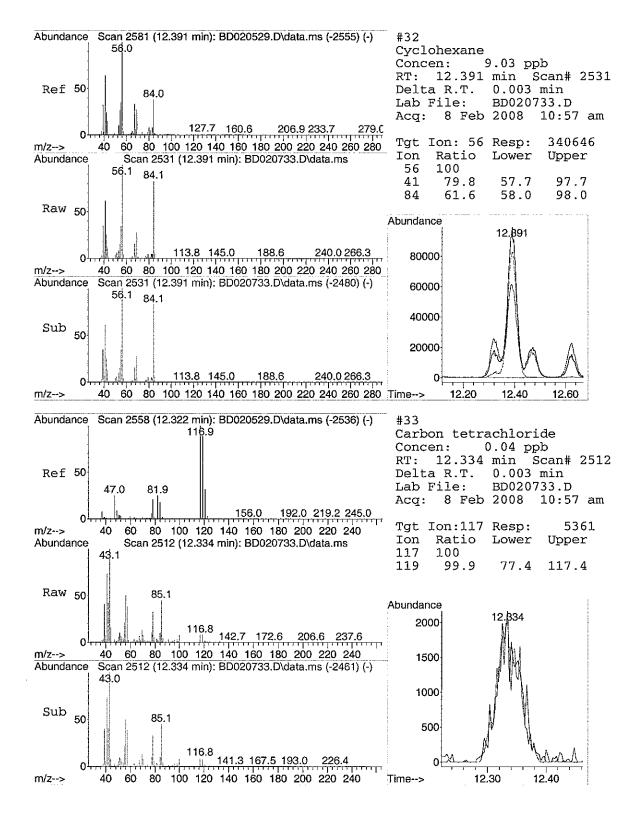
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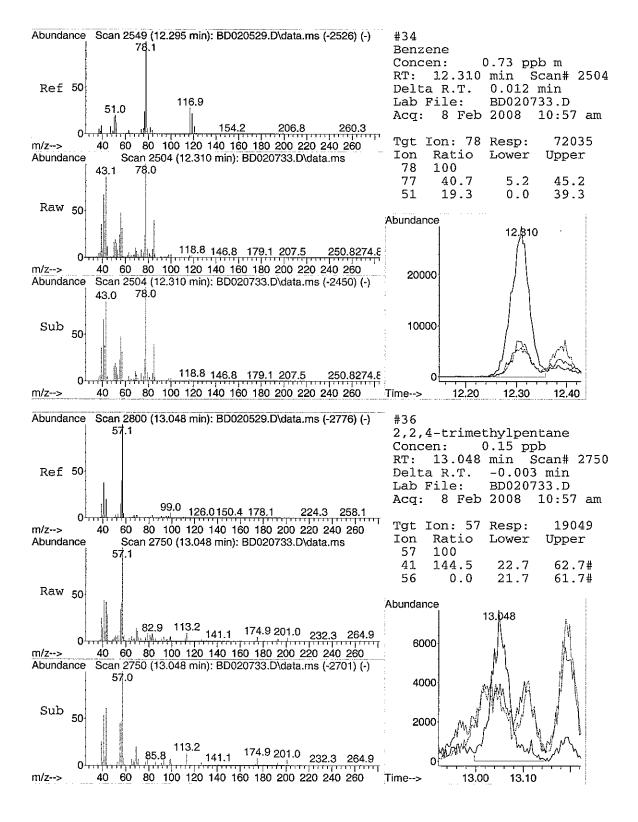
B205D_1UT.M Thu Feb

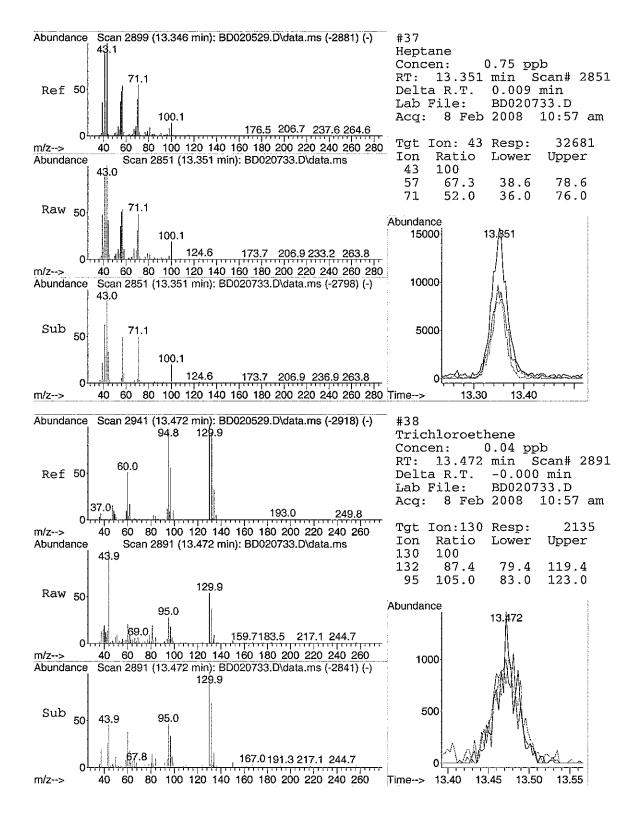


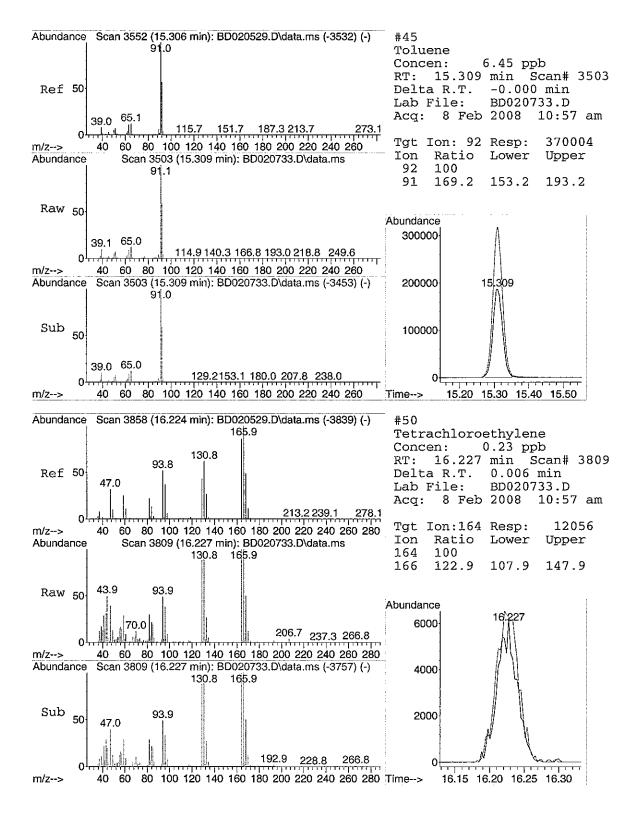


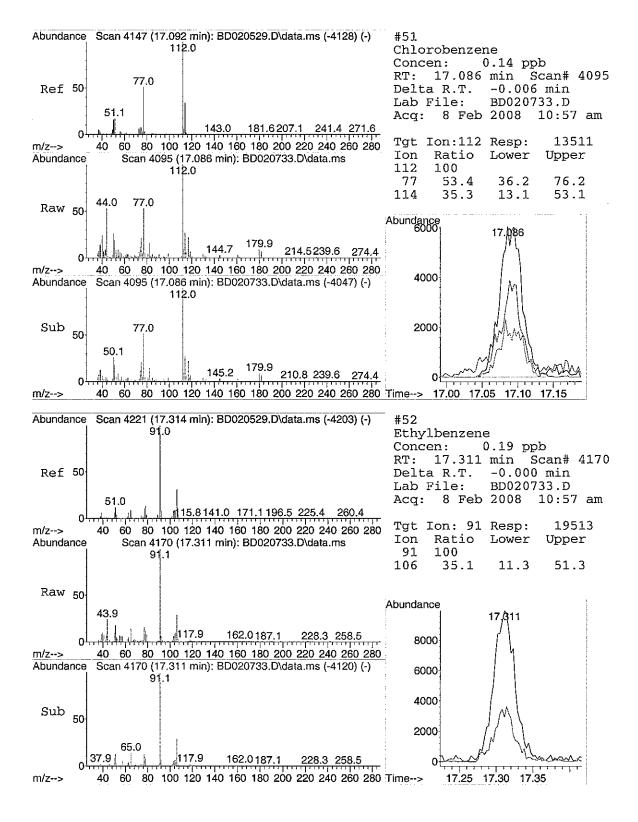


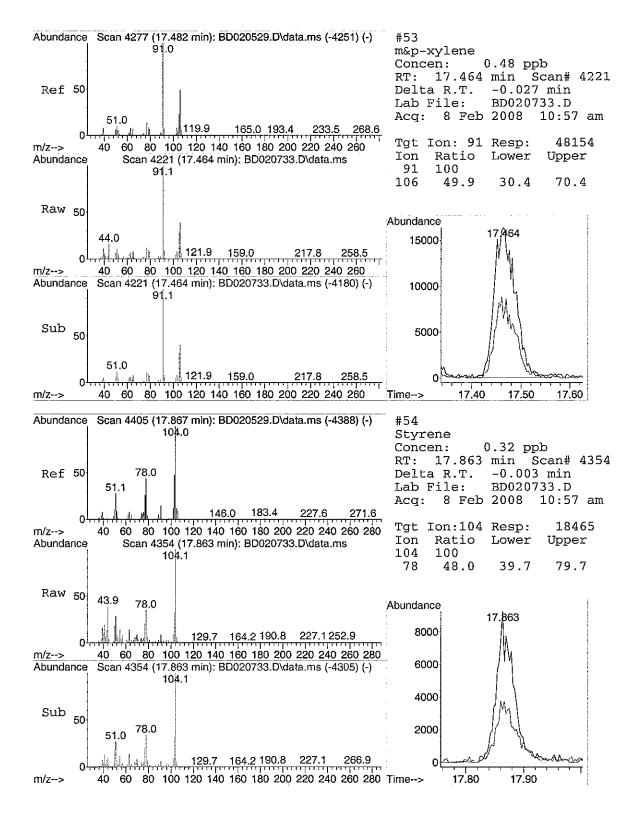


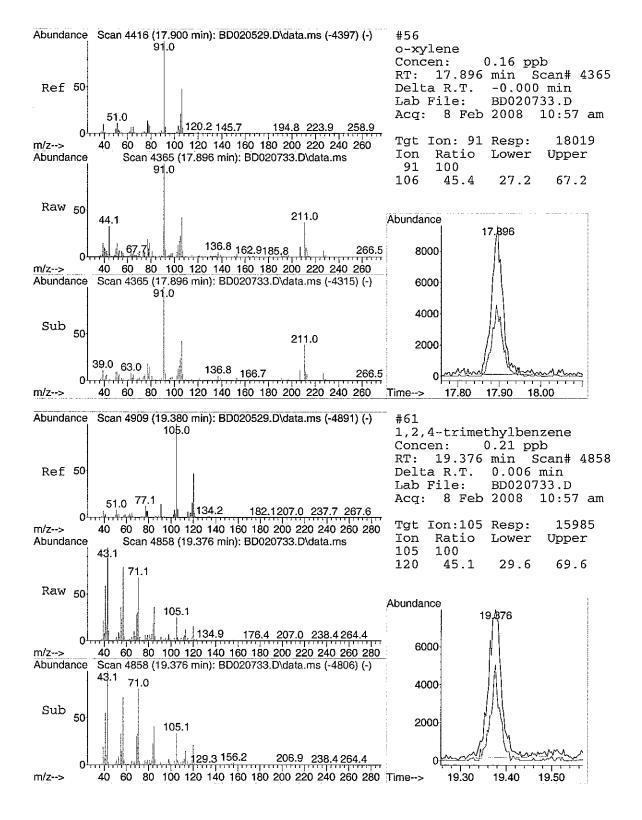












Data Path : C:\msdchem\1\DATA\

Data File : BD020734.D

Acq On : 8 Feb 2008 11:30 am

Operator :

Sample : C0802002-001A 10X

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 13 12:01:21 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via: Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.827 12.895 17.050	128 114 117	17778 46320 45557	1.00 ppb 1.00 ppb 1.00 ppb	0.01 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.467 Range 70		18184 Recove	E-E	
Target Compounds 12) Acetone 18) Carbon disulfide 25) Hexane 32) Cyclohexane 45) Toluene	7.059 8.248 9.983 12.394 15.309	58 76 41 56 92	18838 20408 39451 18371 16415	1.31 ppb 0.21 ppb 1.45 ppb 0.67 ppb 0.42 ppb	Qvalue # 1 92 # 57 86 99

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

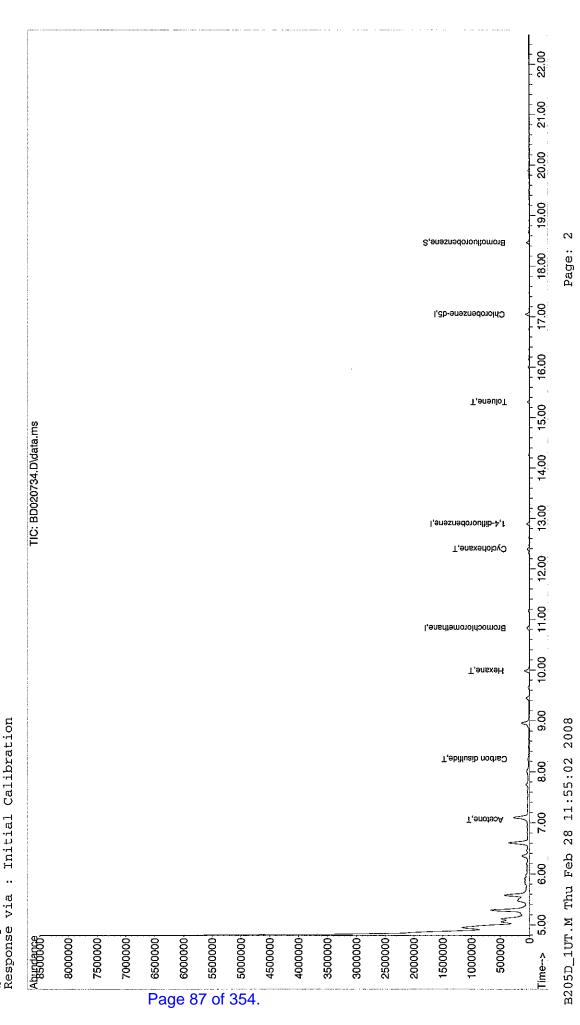
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Data Path
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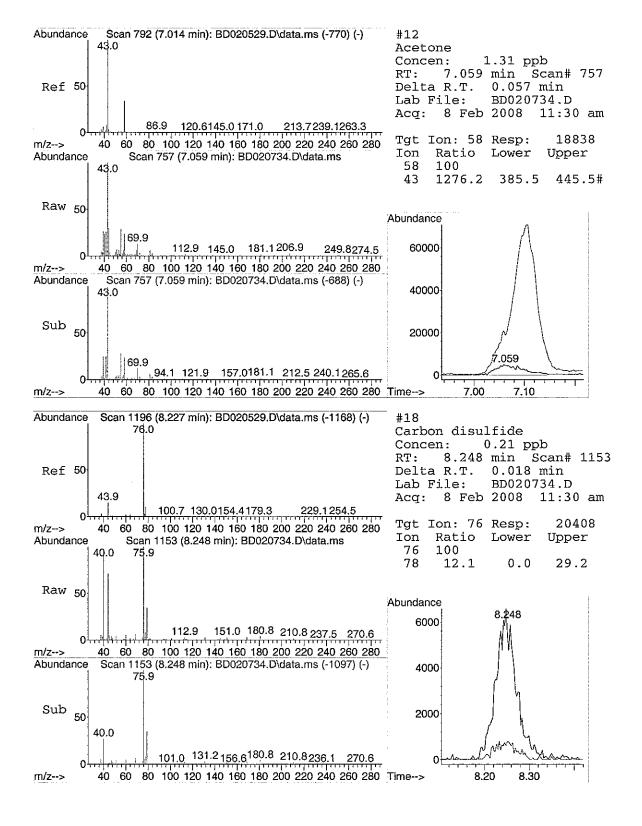
11:30 am C:\msdchem\1\DATA\ BD020734.D 8 Feb 2008 Data File Acq On

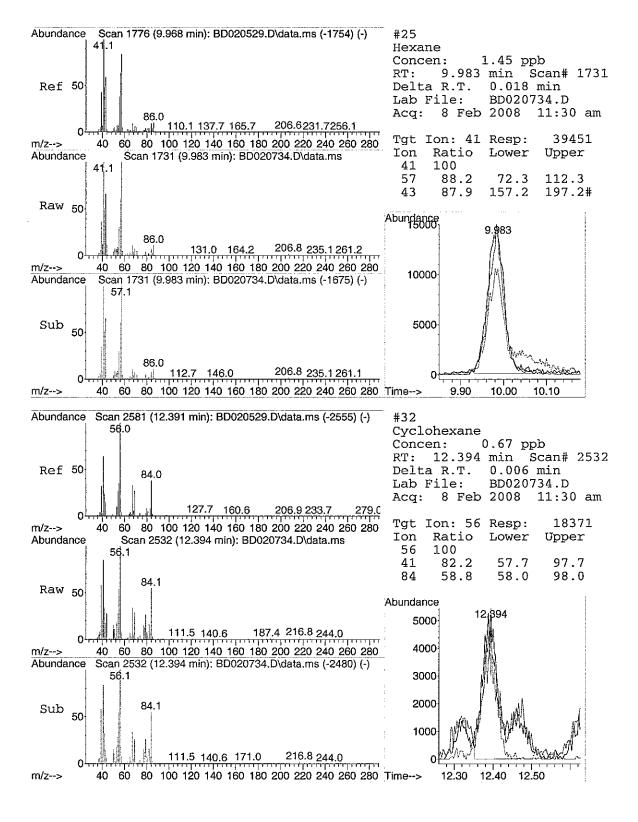
Operator

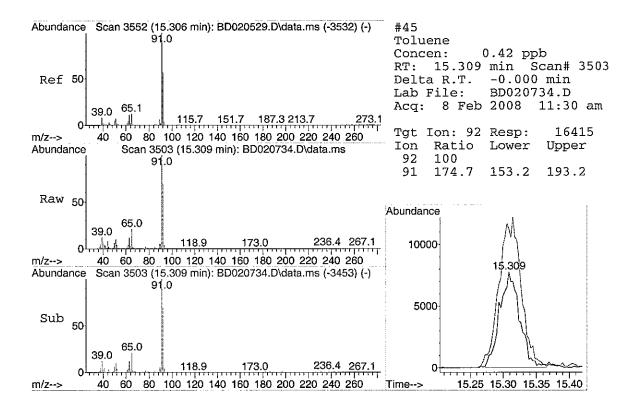
C0802002-001A 10X 1ugM3 & 0.25TCE, CT, VNCL 28 Sample Multiplier: 1 Misc ALS Vial Sample

Quant Time: Feb 13 12:01:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration









Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002

Project: CDM/G0143

Lab ID: C0802002-002A

Client Sample ID: 828149-GP5-SVI

Tag Number: 78, 147 **Collection Date:** 1/29/2008

Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-2		"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	5		Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,2,4-Trimethylbenzene	0.280	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
1,4-Dioxane	ND	0.300	ppbV	1	2/8/2008 12:05:00 PM
2,2,4-trimethylpentane	0.140	0.150	J ppbV	1	2/8/2008 12:05:00 PM
4-ethyltoluene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Acetone	11.1	3.00	ppbV	10	2/9/2008 11:02:00 PM
Allyl chloride	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Benzene	1.19	0.150	ppbV	1	2/8/2008 12:05:00 PM
Benzyl chloride	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Bromodichloromethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Bromoform	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Bromomethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Carbon disulfide	2.70	1.50	ppbV	10	2/9/2008 11:02:00 PM
Carbon tetrachloride	0.0400	0.0400	ppbV	1	2/8/2008 12:05:00 PM
Chlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Chloroethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Chloroform	0.230	0.150	ppbV	1	2/8/2008 12:05:00 PM
Chloromethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
cis-1,2-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Cyclohexane	3.10	1.50	ppbV	10	2/9/2008 11:02:00 PM
Dibromochloromethane	ND	0.150	ppbV	1	2/8/2008 12:05:00 PM
Ethyl acetate	13.0	2.50	ppbV	10	2/9/2008 11:02:00 PM
Ethylbenzene	0.240	0.150	ppb∨ ppbV	10	2/8/2008 11:02:00 PM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP5-SVI

Lab Order: C0802002 **Tag Number:** 78, 147 Collection Date: 1/29/2008 Project: CDM/G0143 Matrix: AIR Lab ID: C0802002-002A

Analyses	Result	Limit	Qual U	Jnits	DF	Date Analyzed		
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то-	-15			Analyst: LL		
Freon 11	1.07	0.150	Þi	pbV	1	2/8/2008 12:05:00 PM		
Freon 113	ND	0.150	pį	pbV	1	2/8/2008 12:05:00 PM		
Freon 114	ND	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
Freon 12	0.280	0.150	pį	pbV	1	2/8/2008 12:05:00 PM		
Heptane	1.52	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
Hexachloro-1,3-butadiene	ND	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
Hexane	5.30	1.50	PI	pbV	10	2/9/2008 11:02:00 PM		
Isopropyl alcohol	ND	0.150	pı	pbV	1	2/8/2008 12:05:00 PM		
m&p-Xylene	0.740	0.300	p	pbV	1	2/8/2008 12:05:00 PM		
Methyl Butyl Ketone	ND	0.300	p	pbV	1	2/8/2008 12:05:00 PM		
Methyl Ethyl Ketone	ND	0.300	PI	pbV	1	2/8/2008 12:05:00 PM		
Methyl Isobutyl Ketone	ND	0.300	p	pbV	1	2/8/2008 12:05:00 PM		
Methyl tert-butyl ether	ND	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
Methylene chloride	0.130	0.150	J p	pbV	1	2/8/2008 12:05:00 PM		
o-Xylene	0.250	0.150	pı	pbV	1	2/8/2008 12:05:00 PM		
Propylene	ND	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
Styrene	1.00	0.150	pı	pbV	1	2/8/2008 12:05:00 PM		
Tetrachloroethylene	0.240	0.150	pį	ρbV	1	2/8/2008 12:05:00 PM		
Tetrahydrofuran	ND	0.150	PI	pbV	1	2/8/2008 12:05:00 PM		
Toluene	1.30	1.50	J p	pbV	10	2/9/2008 11:02:00 PM		
trans-1,2-Dichloroethene	ND	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
trans-1,3-Dichloropropene	ND	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
Trichloroethene	0.0600	0.0400	p	pbV	1	2/8/2008 12:05:00 PM		
Vinyl acetate	ND	0.150	p	pbV	1	2/8/2008 12:05:00 PM		
Vinyl Bromide	ND	0.150	PI	pbV	1	2/8/2008 12:05:00 PM		
Vinyl chloride	0.320	0.0400	p	pbV	1	2/8/2008 12:05:00 PM		
Surr: Bromofluorobenzene	103	70-130	%	SREC .	1	2/8/2008 12:05:00 PM		

0	ua	lifi	ers

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Date: 24-Mar-08

Client Sample ID: 828149-GP5-SVI

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002

Tag Number: 78, 147 Collection Date: 1/29/2008 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-002A

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed		
FIELD PARAMETERS		FLD			Analyst:		
Vacuum Reading "Hg	0	0	ug/m3		1/29/2008		
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL		
1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 12:05:00 PM		
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/8/2008 12:05:00 PM		
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/8/2008 12:05:00 PM		
1,1-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 12:05:00 PM		
1,1-Dichloroethene	ND	0.605	ug/m3	1	2/8/2008 12:05:00 PM		
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/8/2008 12:05:00 PM		
1,2,4-Trimethylbenzene	1.40	0.749	ug/m3	1	2/8/2008 12:05:00 PM		
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/8/2008 12:05:00 PM		
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:05:00 PM		
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/8/2008 12:05:00 PM		
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/8/2008 12:05:00 PM		
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/8/2008 12:05:00 PM		
1,3-butadiene	ND	0.337	ug/m3	1	2/8/2008 12:05:00 PM		
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:05:00 PM		
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/8/2008 12:05:00 PM		
1,4-Dioxane	ND	1.10	ug/m3	1	2/8/2008 12:05:00 PM		
2,2,4-trimethylpentane	0.665	0.712 J	ug/m3	1	2/8/2008 12:05:00 PM		
4-ethyltoluene	ND	0.750	ug/m3	1	2/8/2008 12:05:00 PM		
Acetone	26.8	7.24	ug/m3	10	2/9/2008 11:02:00 PM		
Allyl chloride	ND	0.477	ug/m3	1	2/8/2008 12:05:00 PM		
Benzene	3.86	0.487	ug/m3	1	2/8/2008 12:05:00 PM		
Benzyl chloride	ND	0.877	ug/m3	1	2/8/2008 12:05:00 PM		
Bromodichloromethane	ND	1.02	ug/m3	1	2/8/2008 12:05:00 PM		
Bromoform	ND	1.58	ug/m3	1	2/8/2008 12:05:00 PM		
Bromomethane	ND	0.592	ug/m3	1	2/8/2008 12:05:00 PM		
Carbon disulfide	8.55	4.75	ug/m3	10	2/9/2008 11:02:00 PM		
Carbon tetrachloride	0.256	0.256	ug/m3	1	2/8/2008 12:05:00 PM		
Chlorobenzene	ND	0.702	ug/m3	1	2/8/2008 12:05:00 PM		
Chloroethane	ND	0.402	ug/m3	1	2/8/2008 12:05:00 PM		
Chloroform	1.14	0.744	ug/m3	1	2/8/2008 12:05:00 PM		
Chloromethane	ND	0.315	ug/m3	1	2/8/2008 12:05:00 PM		
cis-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 12:05:00 PM		
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 12:05:00 PM		
Cyclohexane	10.8	5.25	ug/m3	10	2/9/2008 11:02:00 PM		
Dibromochloromethane	ND	1.30	ug/m3	1	2/8/2008 12:05:00 PM		
Ethyl acetate	47.6	9.16	ug/m3	10	2/9/2008 11:02:00 PM		
Ethylbenzene	1.06	0.662	ug/m3	1	2/8/2008 12:05:00 PM		

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range Ε

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP5-SVI

Lab Order:

C0802002

Tag Number: 78, 147

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-002A

Matrix: AIR

Analyses	Result	Limit	Qual 1	Units	DF	Date Analyzed	
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15		Analyst: LL		
Freon 11	6.11	0.857	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Freon 113	ND	1.17	· ·	ug/m3	1	2/8/2008 12:05:00 PM	
Freon 114	ND	1.07	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Freon 12	1.41	0.754	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Heptane	6.33	0.625	(ug/m3	1	2/8/2008 12:05:00 PM	
Hexachloro-1,3-butadiene	ND	1.63	· ·	ug/m3	1	2/8/2008 12:05:00 PM	
Hexane	19.0	5.37	ι	ug/m3	10	2/9/2008 11:02:00 PM	
Isopropyl alcohol	ND	0.375	· ·	ug/m3	1	2/8/2008 12:05:00 PM	
m&p-Xylene	3.27	1.32	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Methyl Butyl Ketone	ND	1.25	t	ug/m3	1	2/8/2008 12:05:00 PM	
Methyl Ethyl Ketone	ND	0.899	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Methyl Isobutyl Ketone	ND	1.25	·	ug/m3	1	2/8/2008 12:05:00 PM	
Methyl tert-butyl ether	ND	0.550	ŧ	ug/m3	1	2/8/2008 12:05:00 PM	
Methylene chloride	0.459	0.530	Ji	ug/m3	1	2/8/2008 12:05:00 PM	
o-Xylene	1.10	0.662	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Propylene	ND	0.262	1,	ug/m3	1	2/8/2008 12:05:00 PM	
Styrene	4.33	0.649	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Tetrachloroethylene	1.65	1.03	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Tetrahydrofuran	ND	0.450	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Toluene	4.98	5.75	Ji	ug/m3	10	2/9/2008 11:02:00 PM	
trans-1,2-Dichloroethene	ND	0.604	٤	ug/m3	1	2/8/2008 12:05:00 PM	
trans-1,3-Dichloropropene	ND	0.692	ŧ	ug/m3	1	2/8/2008 12:05:00 PM	
Trichloroethene	0.328	0.218	Ų	ug/m3	1	2/8/2008 12:05:00 PM	
Vinyl acetate	ND	0.537	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Vinyl Bromide	ND	0.667	ι	ug/m3	1	2/8/2008 12:05:00 PM	
Vinyl chloride	0.831	0.104	ι	ug/m3	1	2/8/2008 12:05:00 PM	

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Data Path : C:\msdchem\1\DATA\

Data File : BD020735.D

Acq On : 8 Feb 2008 12:05 pm

Operator :

Sample : C0802002-002A
Misc : lugM3 & 0.25TCE, CT, VNCL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 13 09:57:16 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits	Dev	(Min)
Internal Standards							
1) Bromochloromethane	10.827	128	21869	1.00	dqq		0.01
30) 1,4-difluorobenzene	12.892	114	62329				0.00
44) Chlorobenzene-d5	17.041	117	80430	1.00	ppb		0.00
System Monitoring Compounds							
57) Bromofluorobenzene	18.464	95	42433	1.03	daa		0.00
Spiked Amount 1.000	Range 70				103		
Target Compounds						Ova	alue
	4.991	85	55672	0.28	daa	2	100
6) Vinyl Chloride							
11) Freon 11	6.837	101	207452	. 1.07	daa		97
12) Acetone	7.011	58	295570 1	16.70	daa	#	70
16) Methylene chloride	8.071	84	5405m	0.13	dqq		
18) Carbon disulfide	8.263	76	13423 207452 295570 1 5405m 545681 521764	4.53	ppb		98
25) Hexane	9.989	41	521764	15.62	dqq	#	53
26) Ethyl acetate	10.527	43	2060007	43.76	ppb		98
27) Chloroform	10.986	83	21396			#	65
32) Cyclohexane	12.394						91
33) Carbon tetrachloride	12.343		5342	0.04			99
34) Benzene	12.316	78	114977m		ppb		
36) 2,2,4-trimethylpentane	13.060	57	17964	V 0.14	ppb	#	1
37) Heptane	13.352		64449	1.52			85
38) Trichloroethene	13.475		2944	0.06			86
45) Toluene	15.309		269304				97
50) Tetrachloroethylene	16.224		15231				1.00
52) Ethylbenzene	17.314		29911				94
53) m&p-xylene	17,458		89414				99
54) Styrene	17.867	104	68865	1.00			84
56) o-xylene	17.894	91	33611 25591	0.25			94
61) 1,2,4-trimethylbenzene	19.374	105	25591 	0.28	ppb		99

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

12:05 pm Data File

Acq On

Operator

Sample

C0802002-002A Misc

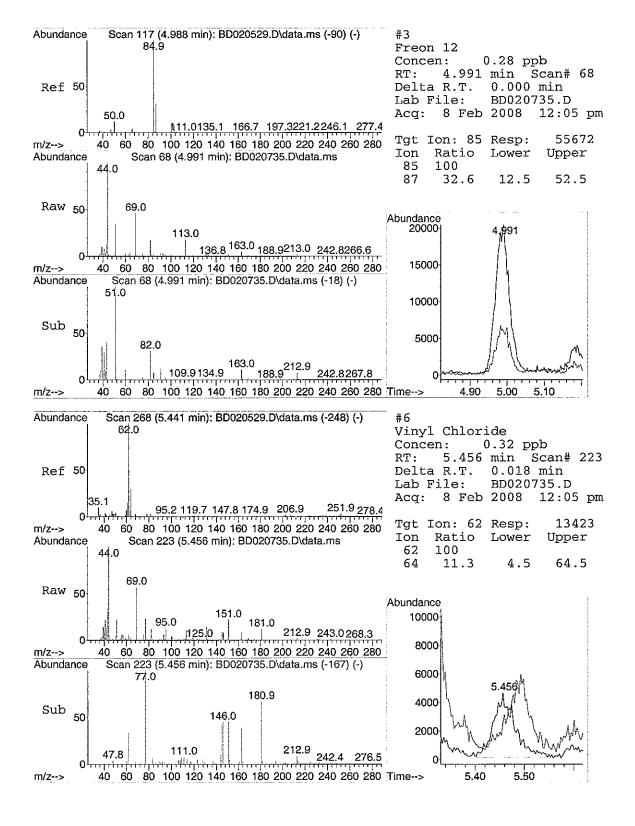
1ugM3 & 0.25TCE, CT, VNCL 29 Sample Multiplier: 1 ALS Vial

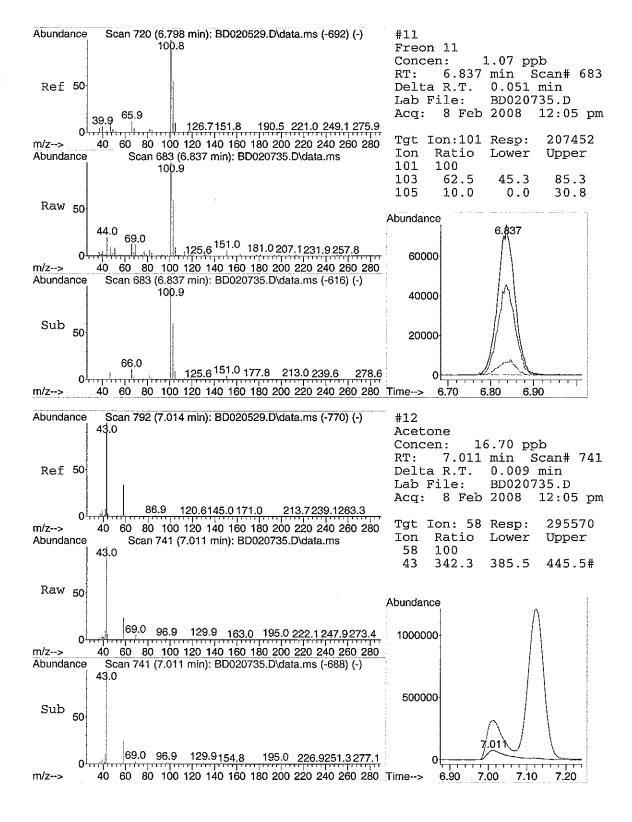
C:\msdchem\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration Wed Feb 06 11:50:55 2008 Initial Calibration 13 09:57:16 2008 Quant Time: Feb Quant Method Response via QLast Update Quant Title

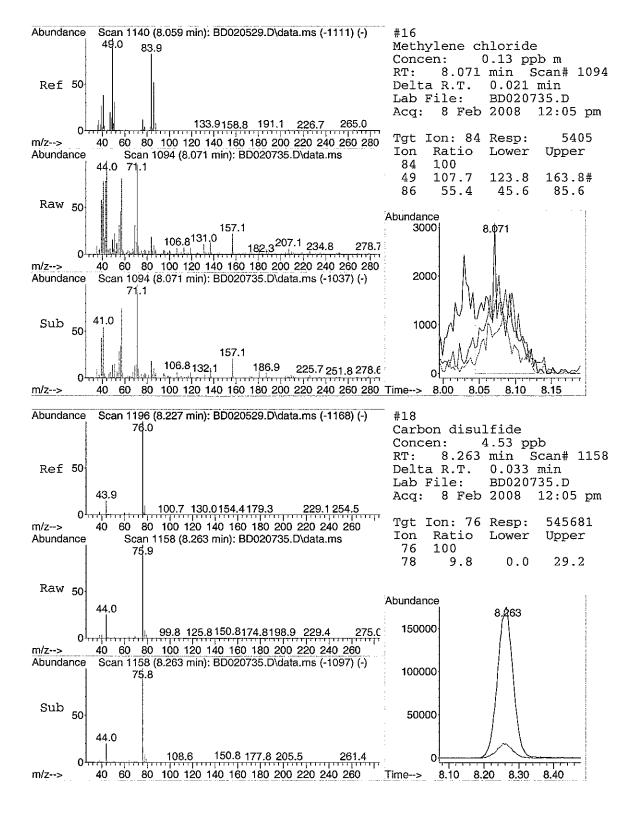
22,00 21.00 20,00 T,ənəsnədlydfəmirt-4,2,1 19.00 Bromofluorobenzene,S 18.00 T,enenyx2o T.ənəznədiyrit T,ənəiyx-q&m 17.00 Chlorobenzene-d5,l Tetrachloroethylene,T 16.00 T,eneuloT 15.00 TIC: BD020735.D\data.ms 14.00 Heptane,T Trichloroethene,T 13,00 l,enaznadotouilib-4,1 T,anstnaqlydtamint-4,2,2 T.P.SHEANSTONE TO THE PROPERTY OF THE PERTY 12.00 11.00 Bromochloromethane,I Chloroform,T Ethyl acetate,T 10.00 T,ensxeH Methylene chloride,T Carbon disultide,T 8.00 7.00 Т. эпотээд T, it noer 7 9.00 Tiayl Chloride,T 5.00 7000000 10+07 8000000 9000000 Abundance 1.6e+07 1.1e+07 0000009 5000000 3000000 2000000 1000000 1.5e+07 1.4e+07 1.3e+071.2e+07 4000000 Time--> Page 96 of 354.

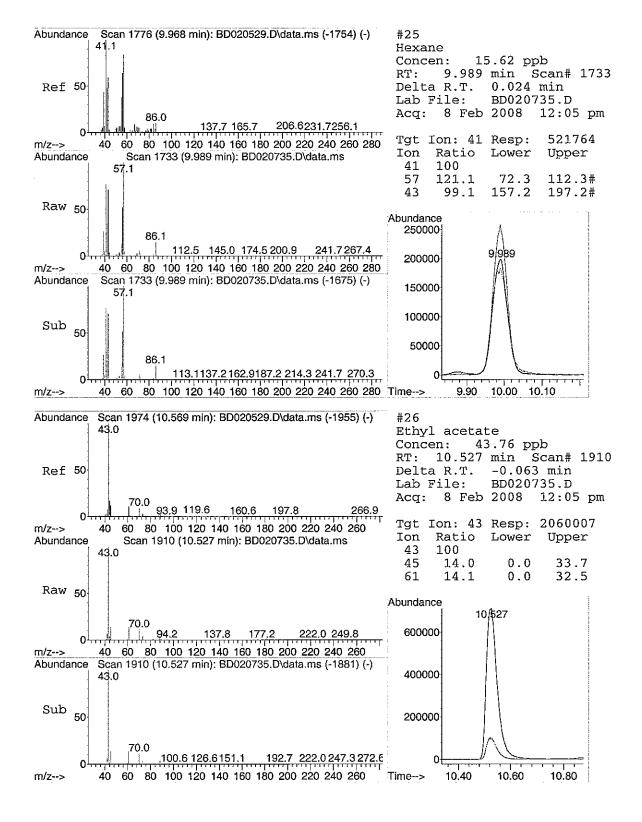
28 11:55:05 2008 B205D_1UT.M Thu Feb

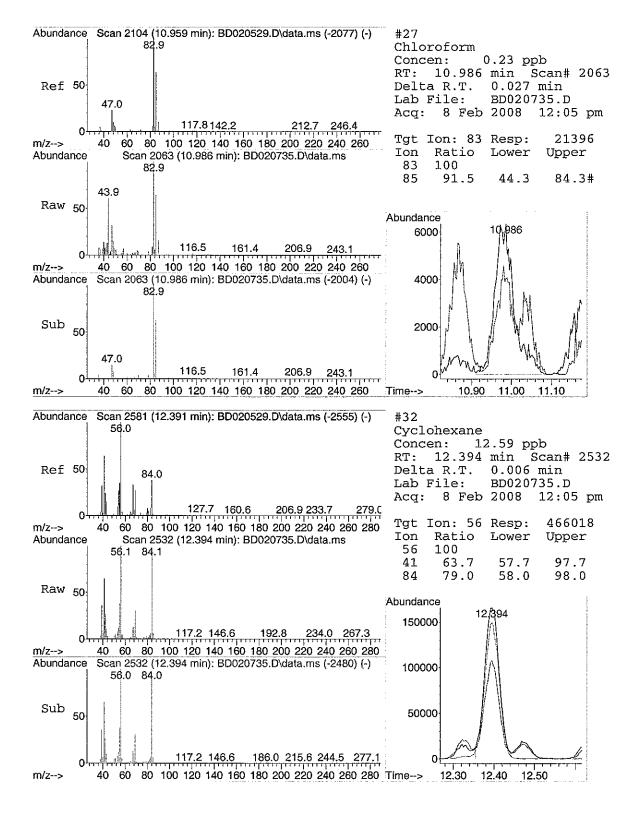
Page:

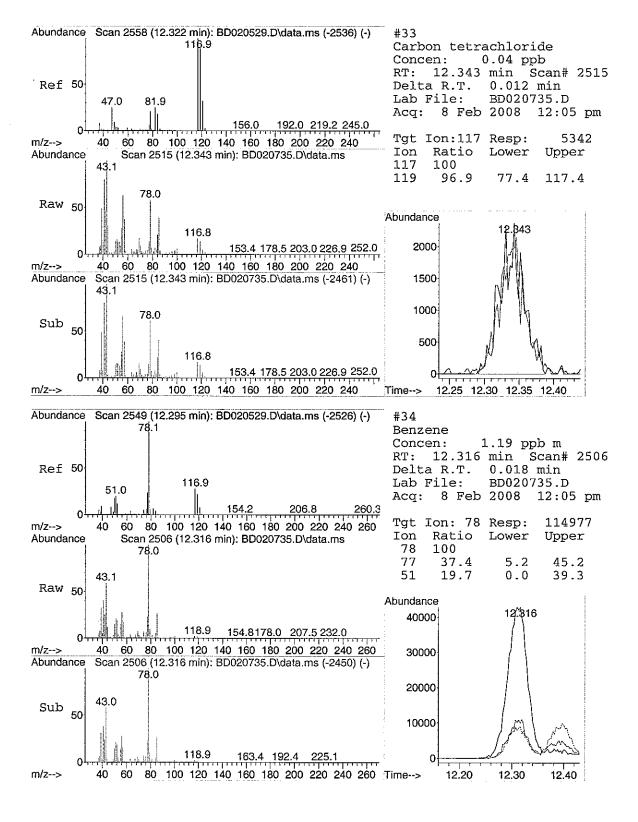


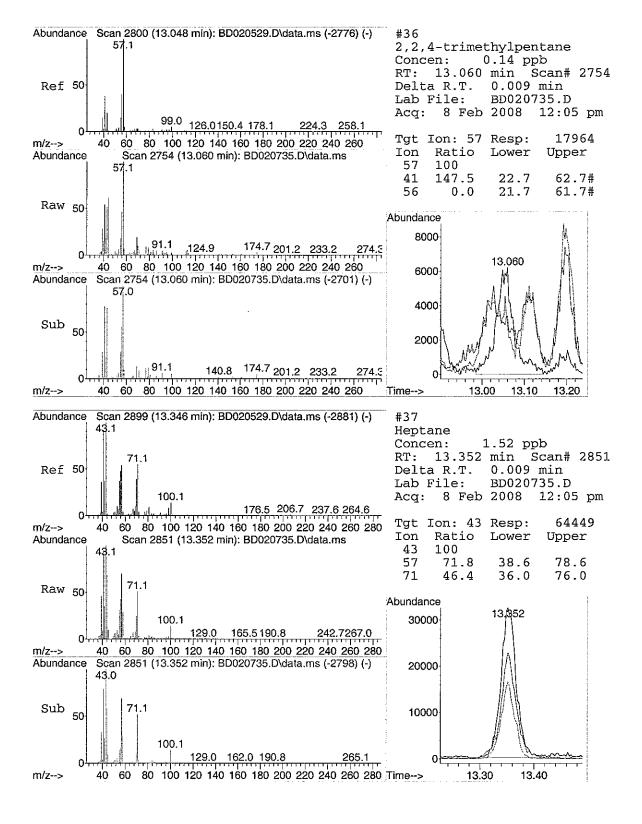


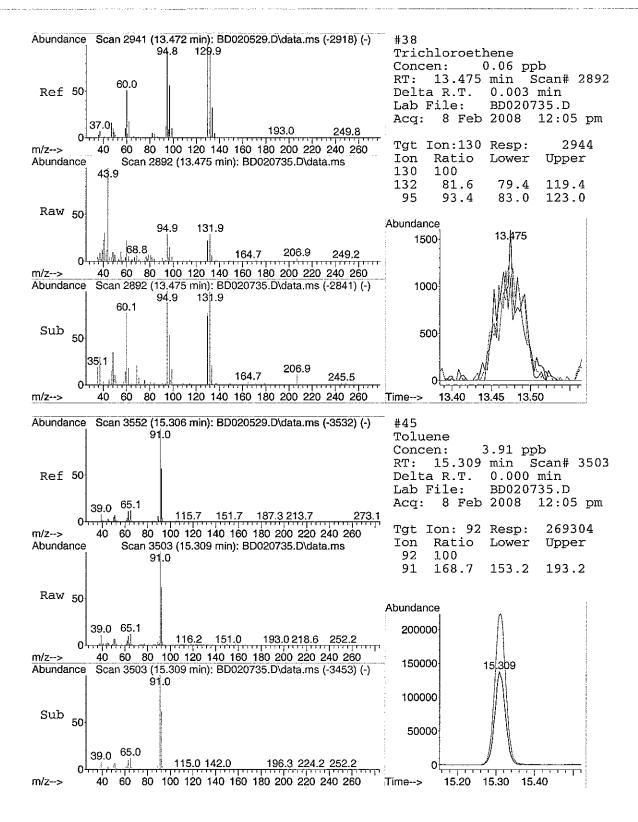


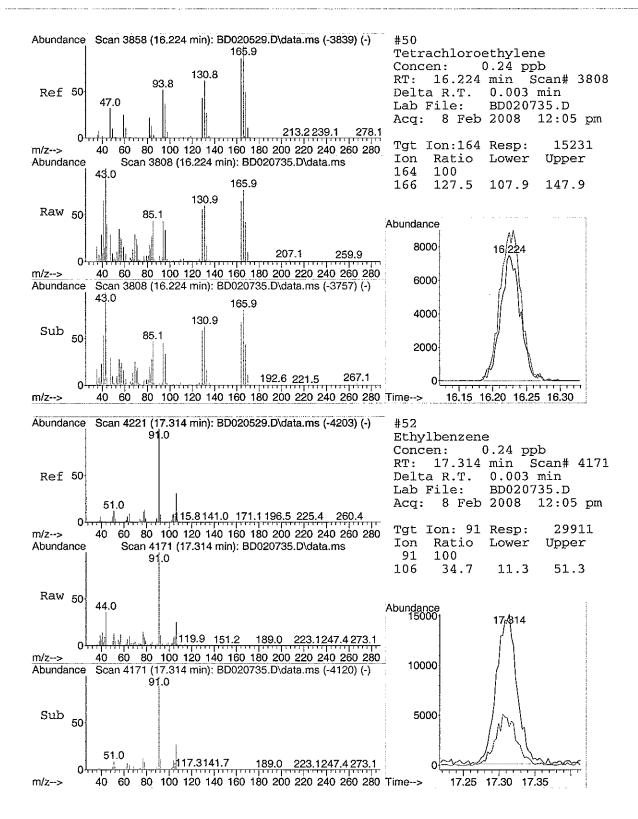


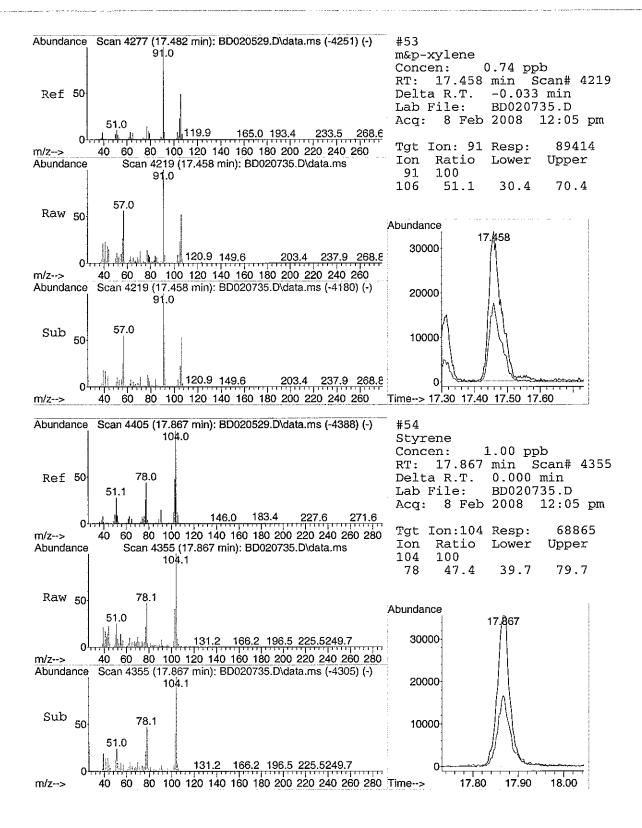


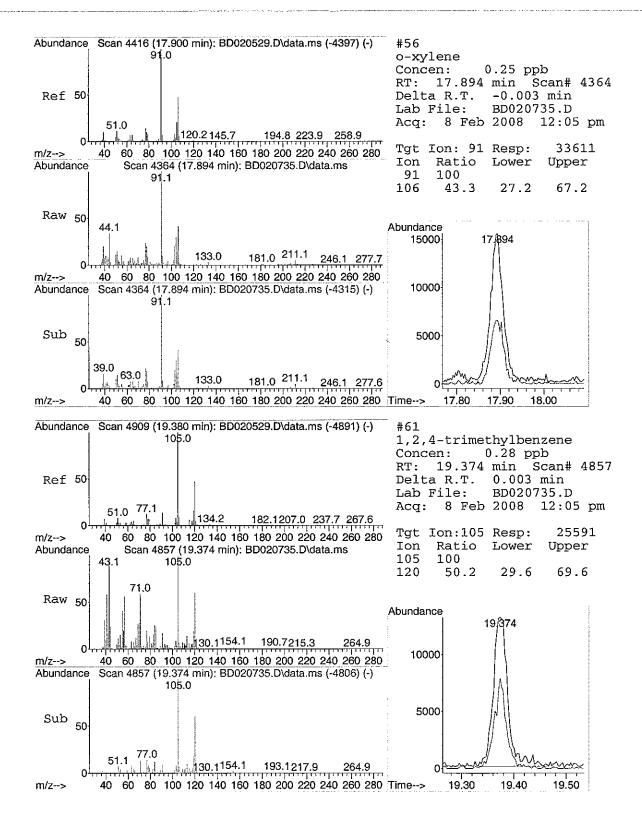












Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File : BD020912.D

Acq On : 9 Feb 2008 11:02 pm

Operator :

Sample : C0802002-002A 10X Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 13 12:16:39 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

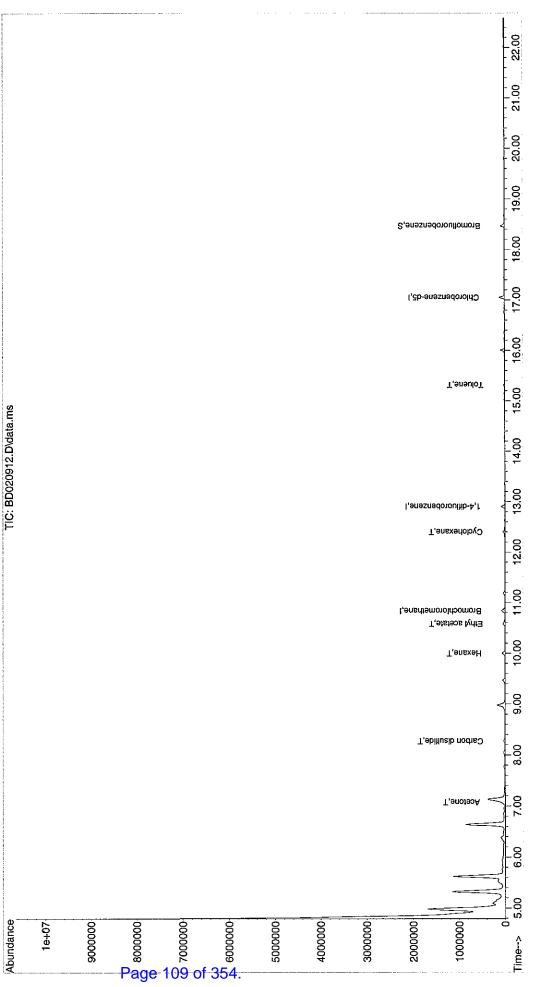
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)	
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.833 12.901 17.050		31910 77416 79817	1.00 ppb 1.00 ppb 1.00 ppb	0.02	:
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.467 Range 70			0.72 ppb ry = 72		
Target Compounds					Qvalue	
12) Acetone	7.071	58	28661	1.11 ppb	# 1	
18) Carbon disulfide	8.269	76	46774	0.27 ppb	91	
25) Hexane	9.995	41	26055	0.53 ppb		
26) Ethyl acetate	10.581		89162	1.30 ppb		
32) Cyclohexane	12.397	56	14306	0.31 ppb		
45) Toluene	15.315	92	9230	0.13 ppb	96	

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

C0802002-002A 10X 1ugM3 & 0.25TCE, CT, VNCL 17 Sample Multiplier: 1 11:02 pm C:\msdchem\1\DATA\ BD020912.D 9 Feb 2008 Data Path Data File Operator ALS Vial Acq On Sample Misc

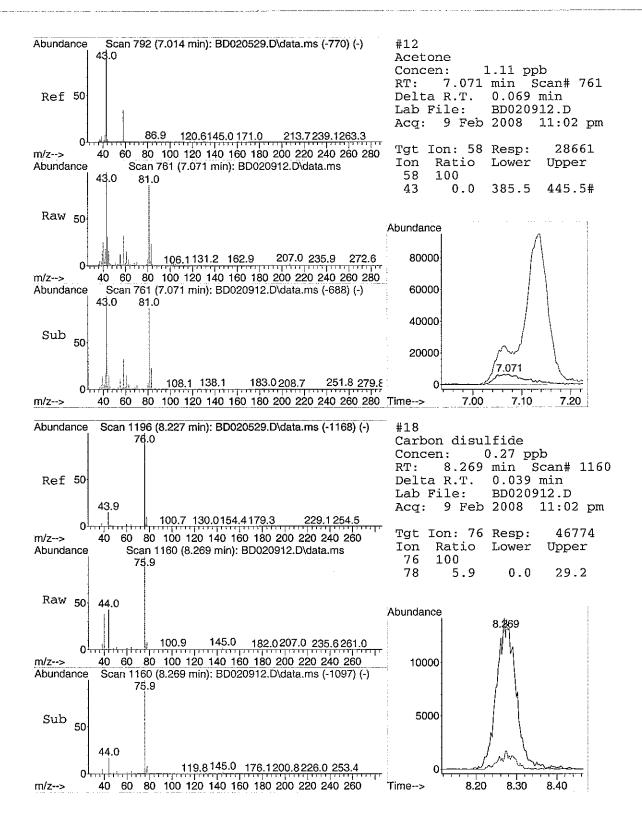
Quant Time: Feb 13 12:16:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008

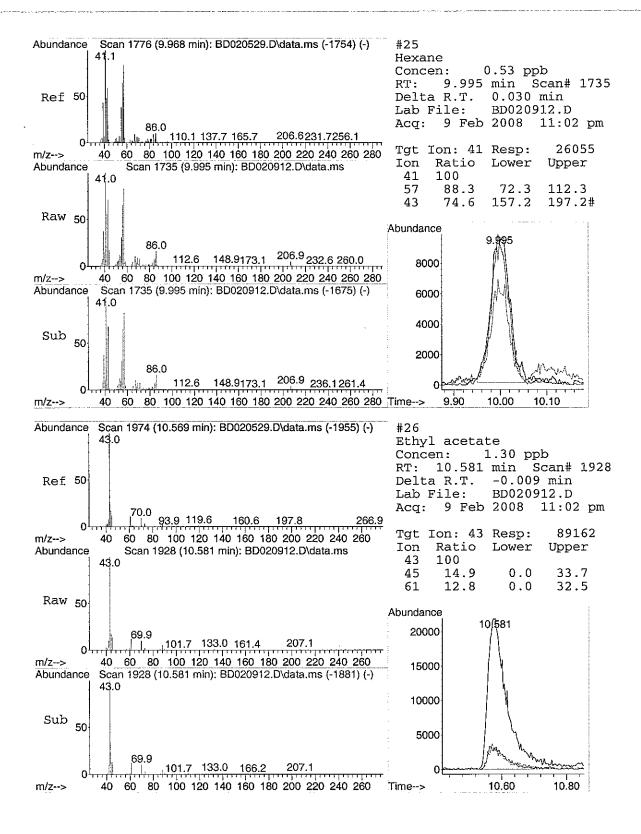
: Initial Calibration Response via

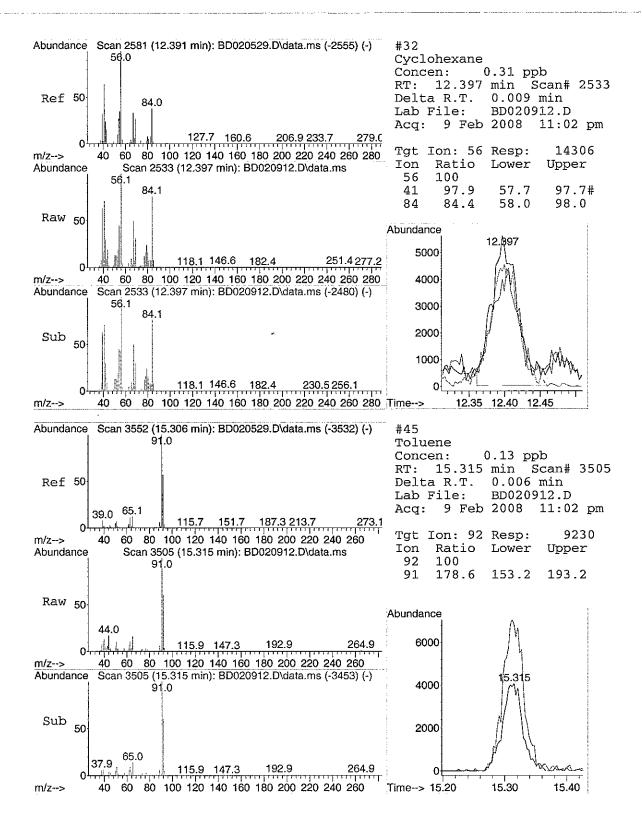


28 13:40:43 2008 B205D_1UT.M Thu Feb

Page:







Date: 24-Mar-08

CLIENT: MitKem A

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP3-SVI

Lab Order:

C0802002

Tag Number: 84, 186

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-003A

Matrix: AIR

Analyses	Result	Limit Qua	l Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-2		"Hg		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichioroethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	0.290	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	0.300	ppbV	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.170	0.150	ppbV	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Acetone	10.3	3.00	ppbV	10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Benzene	0.920	0.150	ppbV	1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Bromoform	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Carbon disulfide	0.870	0.150	ppbV	1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.0500	0.0400	ppbV	1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Chloroform	0.190	0.150	ppbV	1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/8/2008 12:39:00 PM
Cyclohexane	1.10	1.50 J	ppbV	10	2/10/2008 12:08:00 AM
Dibromochloromethane	ND	0.150	ppbV	10	2/8/2008 12:39:00 PM
Ethyl acetate	12.7	2.50	ppbV	10	2/10/2008 12:08:00 AM
Ethylbenzene	0.370	2.50 0.150	ppbV	10	2/8/2008 12:39:00 PM

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP3-SVI

Lab Order:

C0802002

Tag Number: 84, 186

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-003A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15				Analyst: LL	
Freon 11	1.05	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Freon 113	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Freon 114	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Freon 12	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Heptane	1.19	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Hexane	2.50	1.50		ppbV	10	2/10/2008 12:08:00 AM	
Isopropyl alcohol	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
m&p-Xylene	1.28	0.300		ppbV	1	2/8/2008 12:39:00 PM	
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM	
Methyl Ethyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM	
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/8/2008 12:39:00 PM	
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Methylene chloride	0.240	0.150		ppbV	1	2/8/2008 12:39:00 PM	
o-Xylene	0.440	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Propylene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Styrene	1.12	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Tetrachloroethylene	1.50	1.50		ppbV	10	2/10/2008 12:08:00 AM	
Tetrahydrofuran	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Toluene	1.70	1.50		ppbV	10	2/10/2008 12:08:00 AM	
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Trichloroethene	0.0800	0.0400		ppbV	1	2/8/2008 12:39:00 PM	
Vinyl acetate	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Vinyl Bromide	ND	0.150		ppbV	1	2/8/2008 12:39:00 PM	
Vinyl chloride	ND	0.0400		ppbV	1	2/8/2008 12:39:00 PM	
Surr: Bromofluorobenzene	137	70-130	S	%REC	1	2/8/2008 12:39:00 PM	
Surr: Bromofluorobenzene	73.0	70-130		%REC	10	2/10/2008 12:08:00 AM	

NOTES:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

^{*} Based on the chromatographic evidence, it appears that the contamination is from a fuel. Surrogate reported in original analysis and dilutions.

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: Project:

C0802002 CDM/G0143

Lab ID:

C0802002-003A

Client Sample ID: 828149-GP3-SVI

Tag Number: 84, 186 Collection Date: 1/29/2008

Matrix: AIR

Analyses	Result	Limit (Qual Un	its	DF	Date Analyzed
FIELD PARAMETERS		FLI	D			Analyst:
Vacuum Reading "Hg	0	0	ug/i	m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	15			Analyst: LL
1,1,1-Trichloroethane	ND	0.832	ug/i	m3	1	2/8/2008 12:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/i	m3	1	2/8/2008 12:39:00 PM
1,1,2-Trichloroethane	ND	0.832	ug/i	m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethane	ND	0.617	ug/i	m3	1	2/8/2008 12:39:00 PM
1,1-Dichloroethene	ND	0.605	ug/i	m3	1	2/8/2008 12:39:00 PM
1,2,4-Trichlorobenzene	ND	1.13	ug/i	m3	1	2/8/2008 12:39:00 PM
1,2,4-Trimethylbenzene	1.45	0.749	ug/i	m3	1	2/8/2008 12:39:00 PM
1,2-Dibromoethane	ND	1.17	ug/i	m3	1	2/8/2008 12:39:00 PM
1,2-Dichlorobenzene	ND	0.917	ug/i	m3	1	2/8/2008 12:39:00 PM
1,2-Dichloroethane	ND	0.617	ug/i	m3	1	2/8/2008 12:39:00 PM
1,2-Dichloropropane	ND	0.705	ug/i	m3	1	2/8/2008 12:39:00 PM
1,3,5-Trimethylbenzene	ND	0.750	ug/i	m3	1	2/8/2008 12:39:00 PM
1,3-butadiene	ND	0.337	ug/i	m3	1	2/8/2008 12:39:00 PM
1,3-Dichlorobenzene	ND	0.917	ug/i	m3	1	2/8/2008 12:39:00 PM
1,4-Dichlorobenzene	ND	0.917	ug/i	m3	1	2/8/2008 12:39:00 PM
1,4-Dioxane	ND	1.10	ug/i	m3	1	2/8/2008 12:39:00 PM
2,2,4-trimethylpentane	0.807	0.712	ug/i	m3	1	2/8/2008 12:39:00 PM
4-ethyltoluene	ND	0.750	ug/i		1	2/8/2008 12:39:00 PM
Acetone	24.9	7.24	ug/i		10	2/10/2008 12:08:00 AM
Allyl chloride	ND	0.477	ug/i		1	2/8/2008 12:39:00 PM
Benzene	2.99	0.487	ug/i		1	2/8/2008 12:39:00 PM
Benzyl chloride	ND	0.877	ug/i		1	2/8/2008 12:39:00 PM
Bromodichloromethane	ND	1.02	ug/i		1	2/8/2008 12:39:00 PM
Bromoform	ND	1.58	ug/i		1	2/8/2008 12:39:00 PM
Bromomethane	ND	0.592	ug/i		1	2/8/2008 12:39:00 PM
Carbon disulfide	2.75	0.475	ug/i		1	2/8/2008 12:39:00 PM
Carbon tetrachloride	0.320	0.256	ug/i		1	2/8/2008 12:39:00 PM
Chlorobenzene	ND	0.702	ug/i		1	2/8/2008 12:39:00 PM
Chloroethane	ND	0.402	ug/i		1	2/8/2008 12:39:00 PM
Chloroform	0.943	0.744	ug/i ug/i		1	2/8/2008 12:39:00 PM
Chloromethane	ND	0.315	ug/i		1	2/8/2008 12:39:00 PM
cis-1,2-Dichloroethene	ND	0.604	ug/i ug/i		1	2/8/2008 12:39:00 PM
cis-1,3-Dichloropropene	ND	0.692	ug/i ug/i		1	2/8/2008 12:39:00 PM
Cyclohexane	3.85	5.25	_		10	2/10/2008 12:08:00 AM
Dibromochloromethane	o.oo ND	1.30	•		1	2/8/2008 12:39:00 PM
			ug/i			
Ethyl acetate Ethylbenzene	46.5 1.63	9.16 0.662	ug/i ug/i		10 1	2/10/2008 12:08:00 AM 2/8/2008 12:39:00 PM

- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected at or below quantitation limits
- Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP3-SVI

Lab Order:

C0802002

Project:

CDM/G0143

Tag Number: 84, 186 Collection Date: 1/29/2008

Lab ID:

C0802002-003A

Matrix: AIR

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
Freon 11	6.00	0.857	ug/m3	1	2/8/2008 12:39:00 PM
Freon 113	ND	1.17	ug/m3	1	2/8/2008 12:39:00 PM
Freon 114	ND	1.07	ug/m3	1	2/8/2008 12:39:00 PM
Freon 12	ND	0.754	ug/m3	1	2/8/2008 12:39:00 PM
Heptane	4.96	0.625	ug/m3	1	2/8/2008 12:39:00 PM
Hexachloro-1,3-butadiene	ND	1.63	ug/m3	1	2/8/2008 12:39:00 PM
Hexane	8.96	5.37	ug/m3	10	2/10/2008 12:08:00 AM
Isopropyl alcohol	ND	0.375	ug/m3	1	2/8/2008 12:39:00 PM
m&p-Xylene	5.65	1.32	ug/m3	1	2/8/2008 12:39:00 PM
Methyl Butyl Ketone	ND	1.25	ug/m3	1	2/8/2008 12:39:00 PM
Methyl Ethyl Ketone	ND	0.899	ug/m3	1	2/8/2008 12:39:00 PM
Methyl Isobutyl Ketone	ND	1.25	ug/m3	1	2/8/2008 12:39:00 PM
Methyl tert-butyl ether	ND	0.550	ug/m3	1	2/8/2008 12:39:00 PM
Methylene chloride	0.847	0.530	ug/m3	1	2/8/2008 12:39:00 PM
o-Xylene	1.94	0.662	ug/m3	1	2/8/2008 12:39:00 PM
Propylene	ND	0.262	ug/m3	1	2/8/2008 12:39:00 PM
Styrene	4.85	0.649	ug/m3	1	2/8/2008 12:39:00 PM
Tetrachloroethylene	10.3	10.3	ug/m3	10	2/10/2008 12:08:00 AM
Tetrahydrofuran	ND	0.450	ug/m3	1	2/8/2008 12:39:00 PM
Toluene	6.51	5.75	ug/m3	10	2/10/2008 12:08:00 AM
trans-1,2-Dichloroethene	ND	0.604	ug/m3	1	2/8/2008 12:39:00 PM
trans-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/8/2008 12:39:00 PM
Trichloroethene	0.437	0.218	ug/m3	1	2/8/2008 12:39:00 PM
Vinyl acetate	ND	0.537	ug/m3	1	2/8/2008 12:39:00 PM
Vinyl Bromide	ND	0.667	ug/m3	1	2/8/2008 12:39:00 PM
Vinyl chloride	ND	0.104	ug/m3	1	2/8/2008 12:39:00 PM
NOTES:					

- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Ε Value above quantitation range
- Analyte detected at or below quantitation limits
- Not Detected at the Reporting Limit ND

^{*} Based on the chromatographic evidence, it appears that the contamination is from a fuel. Surrogate reported in original analysis and dilutions.

Data Path : C:\msdchem\1\DATA\

Data File : BD020736.D

Acq On : 8 Feb 2008 12:39 pm

Operator :

Sample : C0802002-003A
Misc : 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 10:15:14 2008

Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

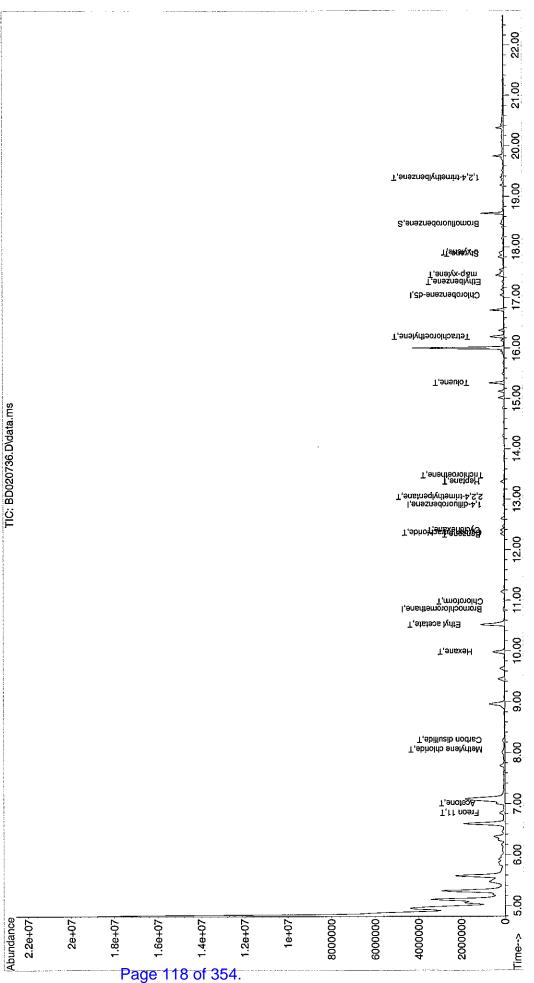
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Un	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.824 12.892 17.047	114	22512 62825 79914	1.00	ppb	0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000			55997 Recove	1.37 ery =		0.00 00%#
Target Compounds 11) Freon 11 12) Acetone	6.822 7.005		209064 203415	1.05	ppb	Qvalue 97 # 1
16) Methylene chloride 18) Carbon disulfide 25) Hexane	8.059 8.245 9.980	84 76	9904m 107807 242839	0.24	ppb	86
26) Ethyl acetate 27) Chloroform	10.518 10.974	43 83	1912323 18924	39.47	ppb dqq	98 90
32) Cyclohexane 33) Carbon tetrachloride 34) Benzene		117 78	89540m		dqq	# 71 95
36) 2,2,4-trimethylpentane 37) Heptane 38) Trichloroethene	13.048 13.351 13.475	43	21975 50835 3854	$0.17 \\ 1.19$	ppb ppb	# 28 82 93
45) Toluene 50) Tetrachloroethylene 52) Ethylbenzene	15.309 16.224 17.311	92 164	310969 139258 46916	4.54 2.25	ppb ppb	97 99 98
53) m&p-xylene 54) Styrene 56) o-xylene	17.455	91		1.28	ppb ppb	99 85 98
61) 1,2,4-trimethylbenzene	19.373		26042			100

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

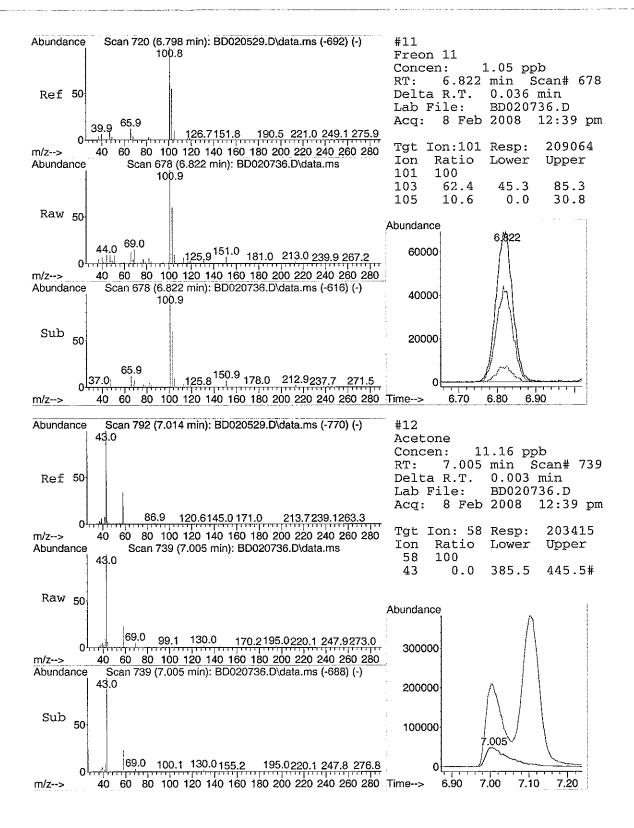
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C0802002-003A
lugM3 & 0.25TCE, CT, VNCL
11 Sample Multiplier: 1
                        Ž
                     12:39
C:\msdchem\1\DATA\
           BD020736.D
8 Feb 2008
 Data Path
           Data File
                                                        Misc
ALS Vial
                                 Operator
                       Acq On
                                            Sample
```

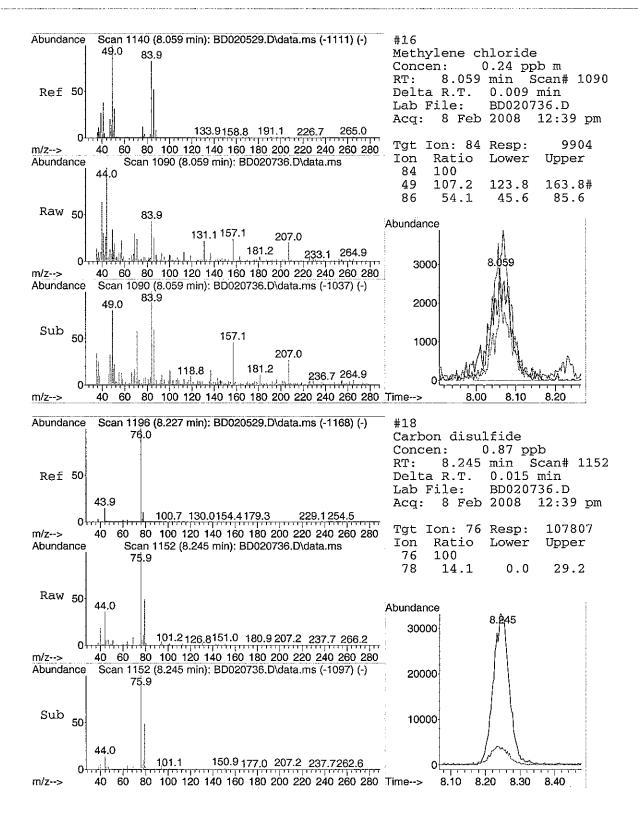
Quant Time: Feb 13 10:15:14 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

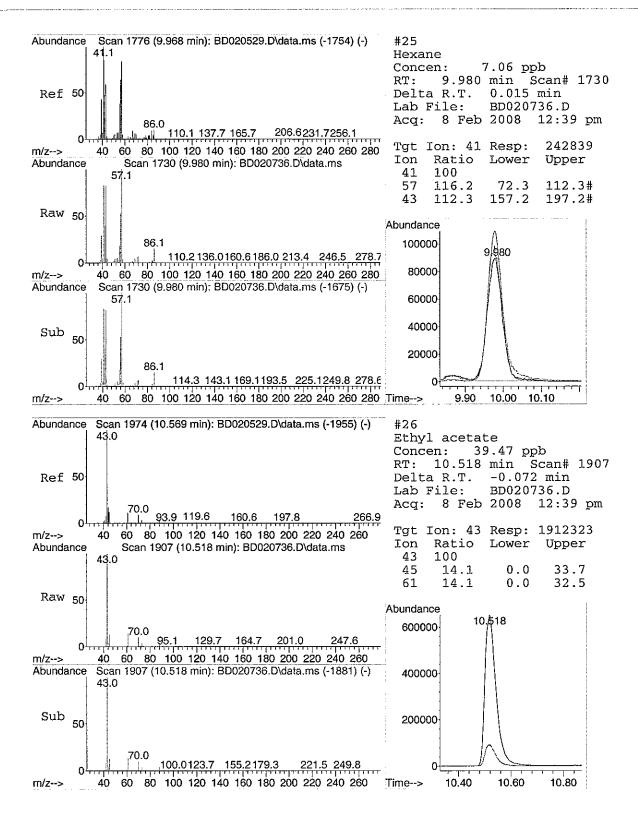


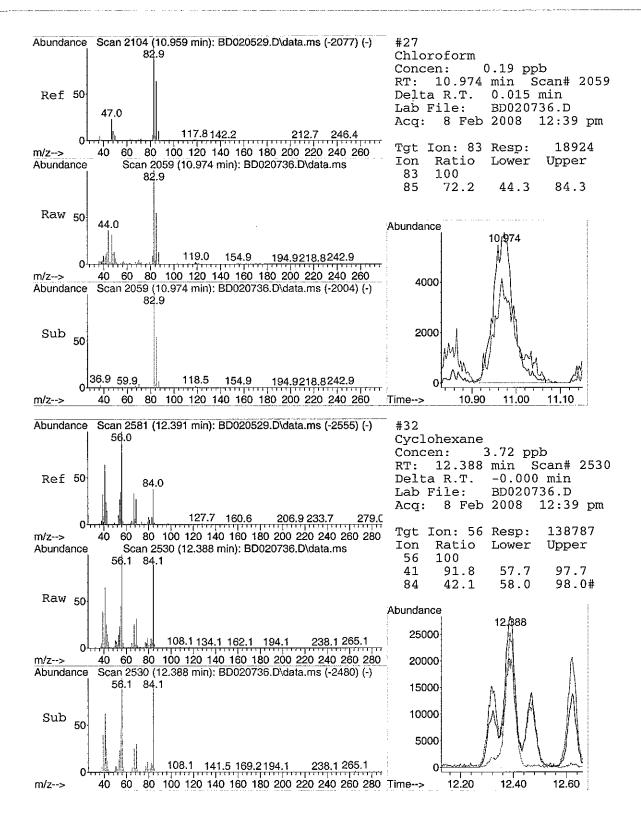
28 11:55:10 2008 B205D_1UT.M Thu Feb

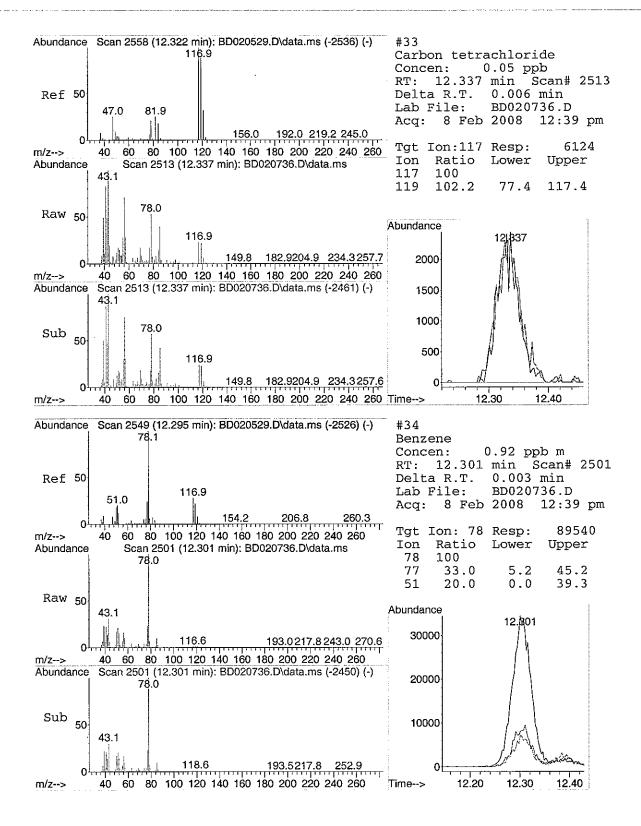
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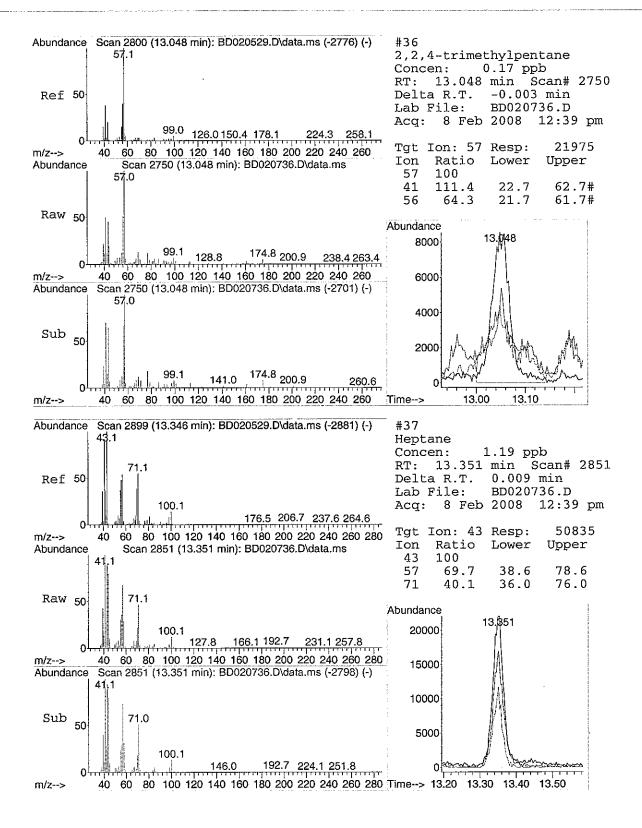


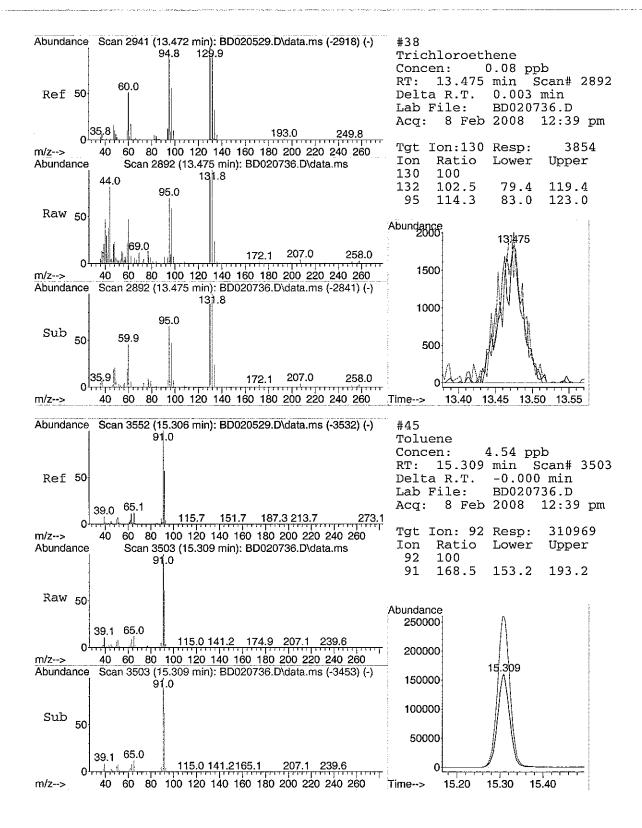


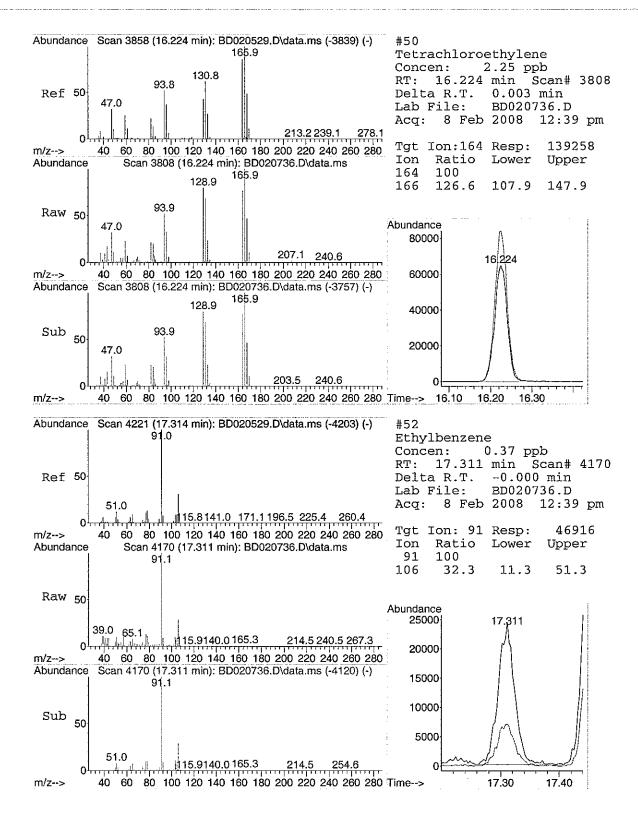


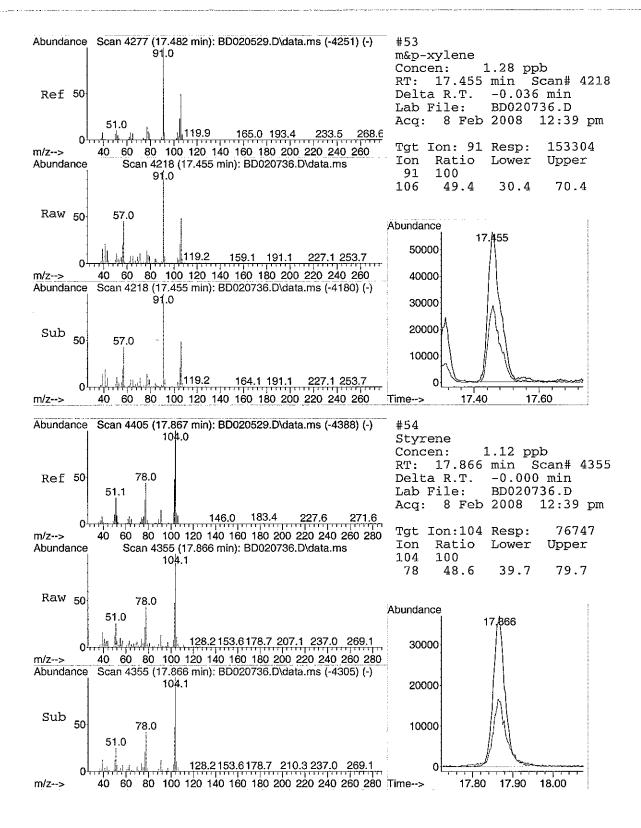


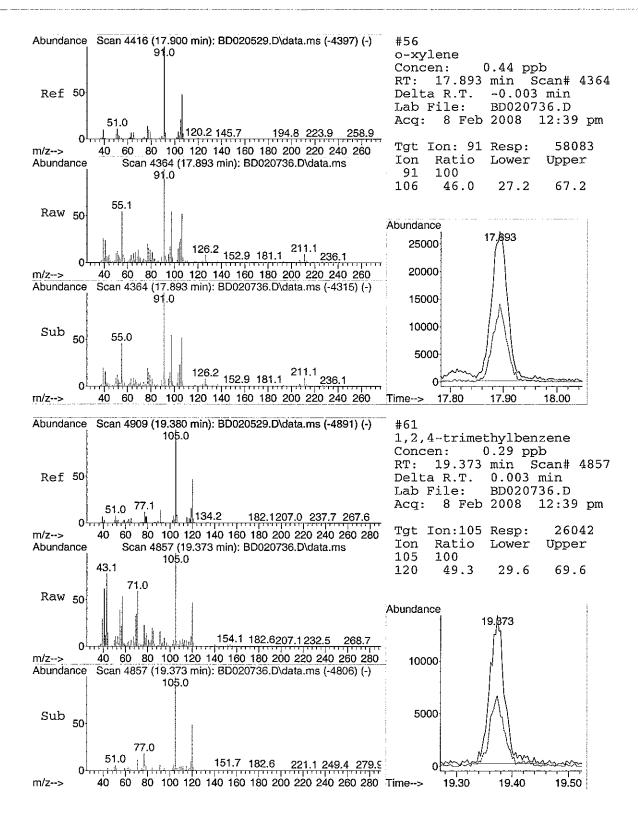












Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File : BD020914.D

: 10 Feb 2008 12:08 am Acq On

Operator :

Sample : C0802002-003A 10X

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 13 12:20:33 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Ur	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.836 12.901 17.047	128 114 117	29927 70956 79504	1.00 1.00 1.00	ppb	# 0.02 0.02 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.467 Range 70					0.00
Target Compounds 12) Acetone 25) Hexane 26) Ethyl acetate 32) Cyclohexane 45) Toluene 50) Tetrachloroethylene	7.071 9.992 10.575 12.397 15.315 16.227	58 41 43 56 92 164	24929 11541 81687 4714 11381 9131	1.03 0.25 1.27 0.11 0.17	ppb ppb ppb	Qvalue # 19 # 39 98 # 74 97

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

```
Data Path: C:\msdchem\1\DATA\
Data File: BD020914.D
Acg On: 10 Feb 2008 12:08 am
Operator: Sample: C0802002-003A 10X
Misc: 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial: 18 Sample Multiplier: 1
```

Quant Time: Feb 13 12:20:33 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008

Initial Calibration

Response via

8,eneznedorouñomorB Chlorobenzene-d5,1 Tetrachloroethylene,T T,eneuloT TIC: BD020914.D\data.ms 1,4-difluorobenzene,1 Cydohexane,T Bromochloromethane,I Ethyl acetate,T Техапе,Т T,enotecA 500000 Abundance 1000000 2500000 2000000 1500000 4500000 4000000 3500000 3000000 Page 130 of 354.

Page: 2

22,00

21.00

20,00

19.00

18.00

17.00

16.00

15.00

14.00

13.00

12.00

1.00

10.00

9.00

8.00

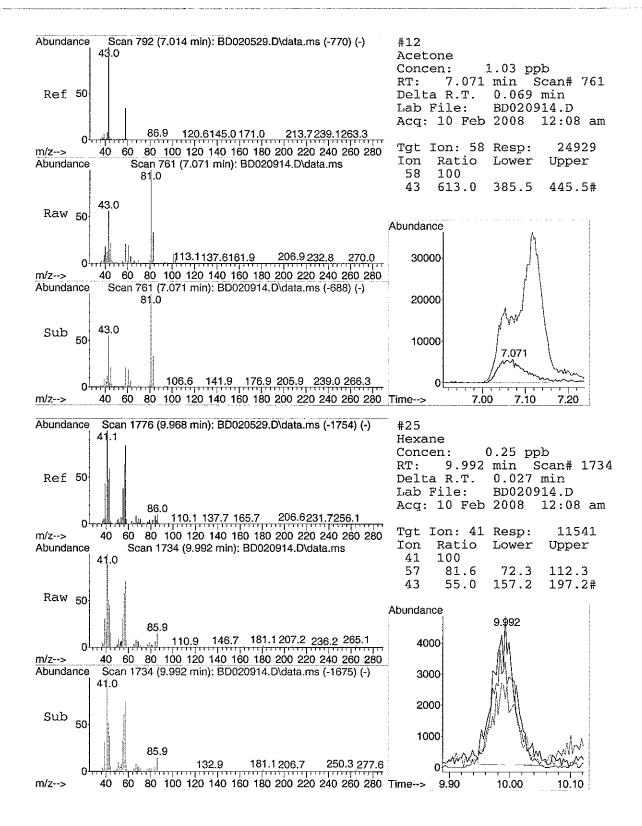
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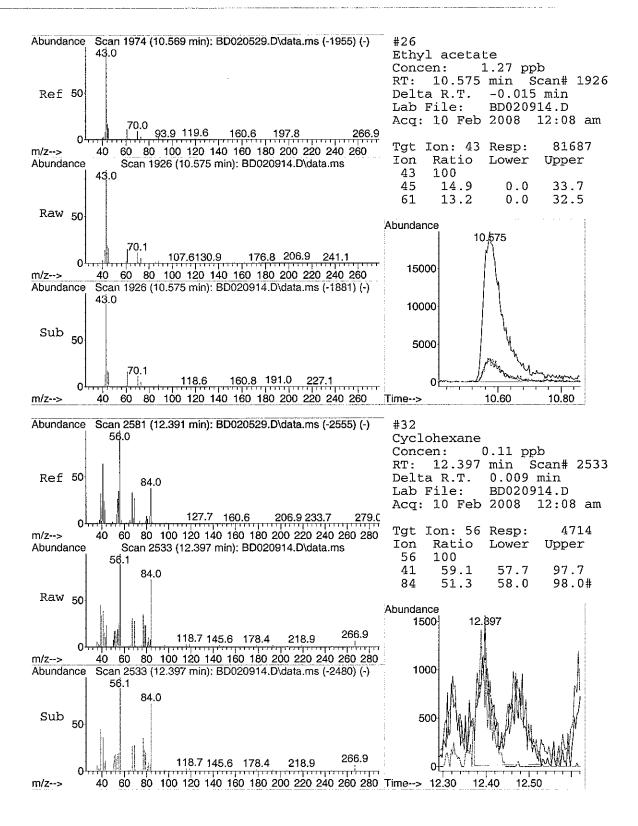
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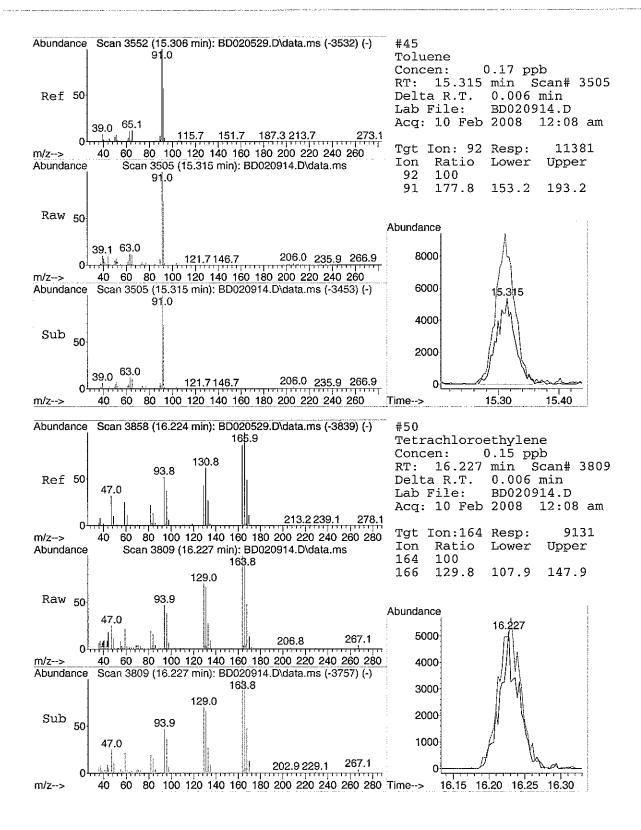
5.00

Time-->

B205D_1UT.M Thu Feb 28 13:40:49 2008







Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP1-SVI

Lab Order:

C0802002

Tag Number: 90, 392

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-004A

Matrix: AIR

Analyses	Result	Limit (Qual	Units	DF	Date Analyzed	
FIELD PARAMETERS		FLI	D		Analyst:		
Vacuum Reading "Hg	-3			"Hg		1/29/2008	
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	15			Analyst: LL	
1,1,1-Trichloroethane	0.220	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,1,2-Trichloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,1-Dichloroethane	7.40	3.00		ppbV	20	2/8/2008 2:14:00 PM	
1,1-Dichloroethene	230	192		ppbV	1280	2/10/2008 11:13:00 AM	
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,2,4-Trimethylbenzene	0.290	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,2-Dibromoethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,2-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,2-Dichloroethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,2-Dichloropropane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,3-butadiene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,3-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,4-Dichlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
1,4-Dioxane	ND	0.300		ppbV	1	2/8/2008 1:13:00 PM	
2,2,4-trimethylpentane	0.900	0.150		ppbV	1	2/8/2008 1:13:00 PM	
4-ethyltoluene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Acetone	18.0	6.00		ppbV	20	2/8/2008 2:14:00 PM	
Allyl chloride	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Benzene	2.80	3.00	J	ppbV	20	2/8/2008 2:14:00 PM	
Benzyl chloride	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Bromodichloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Bromoform	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Bromomethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Carbon disulfide	13.4	3.00		ppbV	20	2/8/2008 2:14:00 PM	
Carbon tetrachloride	0.0400	0.0400		ppbV	1	2/8/2008 1:13:00 PM	
Chlorobenzene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Chloroethane	1.67	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Chloroform	0.220	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Chloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
cis-1,2-Dichloroethene	704	192		ppbV	1280	2/10/2008 11:13:00 AM	
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Cyclohexane	4.80	3.00		ppbV	20	2/8/2008 2:14:00 PM	
Dibromochloromethane	ND	0.150		ppbV	1	2/8/2008 1:13:00 PM	
Ethyl acetate	53.2	10.0		ppbV	40	2/8/2008 2:51:00 PM	
Ethylbenzene	0.250	0.150		ppbV	1	2/8/2008 1:13:00 PM	

Qualifiers:

- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected at or below quantitation limits
- Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP1-SVI

Lab Order:

C0802002

Tag Number: 90, 392

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-004A

Matrix: AIR

Analyses	Result	Limit	Qual Units	DF	Date Analyzed	
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-		Analyst: LL		
Freon 11	0.690	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Freon 113	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Freon 114	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Freon 12	0.150	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Heptane	1.32	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Hexachloro-1,3-butadiene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Hexane	18.6	3.00	ppbV	20	2/8/2008 2:14:00 PM	
Isopropyl alcohol	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
m&p-Xylene	0.780	0.300	ppbV	1	2/8/2008 1:13:00 PM	
Methyl Butyl Ketone	ND	0.300	ppbV	1	2/8/2008 1:13:00 PM	
Methyl Ethyl Ketone	ND	0.300	ppbV	1	2/8/2008 1:13:00 PM	
Methyl Isobutyl Ketone	ND	0.300	ppbV	1	2/8/2008 1:13:00 PM	
Methyl tert-butyl ether	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Methylene chloride	0.600	0.150	ppbV	1	2/8/2008 1:13:00 PM	
o-Xylene	0.240	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Propylene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Styrene	1.06	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Tetrachloroethylene	1.34	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Tetrahydrofuran	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Toluene	3.60	3.00	ppbV	20	2/8/2008 2:14:00 PM	
trans-1,2-Dichloroethene	36.0	3.00	ppbV	20	2/8/2008 2:14:00 PM	
trans-1,3-Dichloropropene	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Trichloroethene	72.4	1.60	ppbV	40	2/8/2008 2:51:00 PM	
Vinyl acetate	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Vinyl Bromide	ND	0.150	ppbV	1	2/8/2008 1:13:00 PM	
Vinyl chloride	19500	410	ppbV	10240	2/10/2008 12:19:00 P	
Surr: Bromofluorobenzene	103	70-130	%REC	1	2/8/2008 1:13:00 PM	

Onalifiers					
	^	1	1: 6:	ame	

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP1-SVI

Lab Order:

C0802002

Tag Number: 90, 392

Project: CDM/G0143

Collection Date: 1/29/2008

Lab ID: C0802002-004A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS	FLD				Analyst:	
Vacuum Reading "Hg	0	0		ug/m3		1/29/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	-15			Analyst: LL
1,1,1-Trichloroethane	1.22	0.832		ug/m3	1	2/8/2008 1:13:00 PM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/8/2008 1:13:00 PM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/8/2008 1:13:00 PM
1,1-Dichloroethane	30.4	12.3		ug/m3	20	2/8/2008 2:14:00 PM
1,1-Dichloroethene	929	774		ug/m3	1280	2/10/2008 11:13:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/8/2008 1:13:00 PM
1,2,4-Trimethylbenzene	1.45	0.749		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/8/2008 1:13:00 PM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/8/2008 1:13:00 PM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/8/2008 1:13:00 PM
1,3-butadiene	ND	0.337		ug/m3	1	2/8/2008 1:13:00 PM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/8/2008 1:13:00 PM
1,4-Dioxane	ND	1.10		ug/m3	1	2/8/2008 1:13:00 PM
2,2,4-trimethylpentane	4.27	0.712		ug/m3	1	2/8/2008 1:13:00 PM
4-ethyltoluene	ND	0.750		ug/m3	1	2/8/2008 1:13:00 PM
Acetone	43.5	14.5		ug/m3	20	2/8/2008 2:14:00 PM
Allyl chloride	ND	0.477		ug/m3	1	2/8/2008 1:13:00 PM
Benzene	9.09	9.74	J	ug/m3	20	2/8/2008 2:14:00 PM
Benzyl chloride	ND	0.877		ug/m3	1	2/8/2008 1:13:00 PM
Bromodichloromethane	ND	1.02		ug/m3	1	2/8/2008 1:13:00 PM
Bromoform	ND	1.58		ug/m3	1	2/8/2008 1:13:00 PM
Bromomethane	ND	0.592		ug/m3	1	2/8/2008 1:13:00 PM
Carbon disulfide	42.4	9.50		ug/m3	20	2/8/2008 2:14:00 PM
Carbon tetrachloride	0.256	0.256		ug/m3	1	2/8/2008 1:13:00 PM
Chlorobenzene	ND	0.702		ug/m3	1	2/8/2008 1:13:00 PM
Chloroethane	4.48	0.402		ug/m3	1	2/8/2008 1:13:00 PM
Chloroform	1.09	0.744		ug/m3	1	2/8/2008 1:13:00 PM
Chloromethane	ND	0.315		ug/m3	1	2/8/2008 1:13:00 PM
cis-1,2-Dichloroethene	2840	774		ug/m3	1280	2/10/2008 11:13:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 1:13:00 PM
Cyclohexane	16.8	10.5		ug/m3	20	2/8/2008 2:14:00 PM
Dibromochloromethane	ND	1.30		ug/m3	1	2/8/2008 1:13:00 PM
Ethyl acetate	195	36.6		ug/m3	40	2/8/2008 2:51:00 PM
Ethylbenzene	1.10	0.662		ug/m3 ug/m3	1	2/8/2008 1:13:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP1-SVI

Lab Order:

C0802002

Tag Number: 90, 392

Project:

CDM/G0143

Collection Date: 1/29/2008

Lab ID:

C0802002-004A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то		Analyst: LL		
Freon 11	3.94	0.857		ug/m3	1	2/8/2008 1:13:00 PM
Freon 113	ND	1.17		ug/m3	1	2/8/2008 1:13:00 PM
Freon 114	ND	1.07		ug/m3	1	2/8/2008 1:13:00 PM
Freon 12	0.754	0.754		ug/m3	1	2/8/2008 1:13:00 PM
Heptane	5.50	0.625		ug/m3	1	2/8/2008 1:13:00 PM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/8/2008 1:13:00 PM
Hexane	66.6	10.7		ug/m3	20	2/8/2008 2:14:00 PM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/8/2008 1:13:00 PM
m&p-Xylene	3.44	1.32		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	2/8/2008 1:13:00 PM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/8/2008 1:13:00 PM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/8/2008 1:13:00 PM
Methylene chloride	2.12	0.530		ug/m3	1	2/8/2008 1:13:00 PM
o-Xylene	1.06	0.662		ug/m3	1	2/8/2008 1:13:00 PM
Propylene	ND	0.262		ug/m3	1	2/8/2008 1:13:00 PM
Styrene	4.59	0.649		ug/m3	1	2/8/2008 1:13:00 PM
Tetrachloroethylene	9.24	1.03		ug/m3	1	2/8/2008 1:13:00 PM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/8/2008 1:13:00 PM
Toluene	13.8	11.5		ug/m3	20	2/8/2008 2:14:00 PM
trans-1,2-Dichloroethene	145	12.1		ug/m3	20	2/8/2008 2:14:00 PM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/8/2008 1:13:00 PM
Trichloroethene	395	8.74		ug/m3	40	2/8/2008 2:51:00 PM
Vinyl acetate	ND	0.537		ug/m3	1	2/8/2008 1:13:00 PM
Vinyl Bromide	ND	0.667		ug/m3	1	2/8/2008 1:13:00 PM
Vinyl chloride	50600	1070		ug/m3	10240	2/10/2008 12:19:00 F

Qualifiers:
Quaimici 5.

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Data Path : C:\msdchem\1\DATA\

Data File : BD020737.D

Acq On : 8 Feb 2008 1:13 pm

Operator :

Sample : C0802002-004A Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 10:26:50 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits	Dev(Min)
Internal Standards 1) Bromochloromethane	10.818	128	27655	1.00	daa	# 0.00
30) 1,4-difluorobenzene 44) Chlorobenzene-d5	12.886 17.044	114	88805 97537	1.00 1.00	ppb	0.00
,	2		3.55.	2.00	222	0.00
System Monitoring Compounds 57) Bromofluorobenzene	18.467	95	51080	1.03	nnh	0.00
·		- 130			103	
Target Compounds				L.L.		Qvalue
3) Freon 12	5.006	85			nnh	QValue
6) Vinyl Chloride	5.417		93377618	1760.33	ppb	74
9) Chloroethane	6.180	64	38420	1.67		96
11) Freon 11	6.831	101	168709	0.69		96
12) Acetone	6.990	58				
14) 1,1-dichloroethene	7.612	96		249.84		
16) Methylene chloride	8.065	84		0.60		
18) Carbon disulfide	8.248	76		7.04		99
19) trans-1,2-dichloroethene		61	1188777	24.91		98
21) 1,1-dichloroethane	9.446	63	435147 32266468	4.50		97
24) cis-1,2-dichloroethene	10.358	61	32266468	737.67	ppb	79
25) Hexane	9.980	41	617932	14.63	ppb	# 48
26) Ethyl acetate	10.511	43	2307490	38.76	ppb	93
27) Chloroform	10.980		26808	0.22		# 1
31) 1,1,1-trichloroethane	11.757		34041	0.22	dqq	100
32) Cyclohexane	12.388	56	459914	8.72	ppb	
33) Carbon tetrachloride	12.334		7701	0.04		96
34) Benzene	12.301	78	301816m	2.19		
36) 2,2,4-trimethylpentane	13.048		163245	0.90		80
37) Heptane	13.345	43	79979			90
38) Trichloroethene	13.468	130	2969495	42.22		95
45) Toluene	15.309		319151	3.82		96
50) Tetrachloroethylene	16.224		100907	1.34	dqq	
52) Ethylbenzene	17.308	91	38285	0.25		94
53) m&p-xylene	17.455	91	113925	0.78		99
54) Styrene	17.866	104	88147	1.06		81
56) o-xylene	17.890	91	88147 38470 32319	0.24		97
61) 1,2,4-trimethylbenzene	19.367		32319	0.29		97

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

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C:\msdchem\1\DATA\
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8 Feb 2008 BD020737.D Data Path Data File Acq On

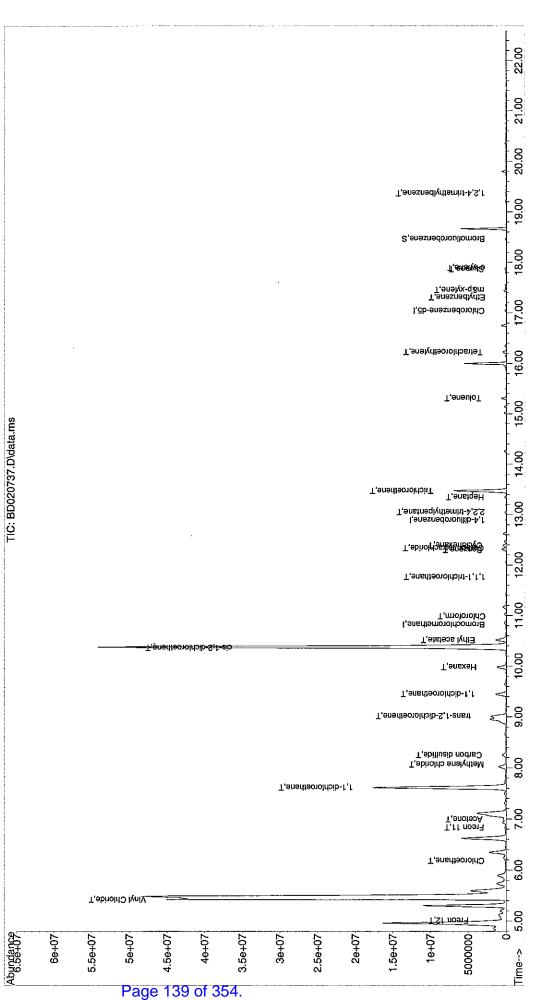
щd

1:13

Operator

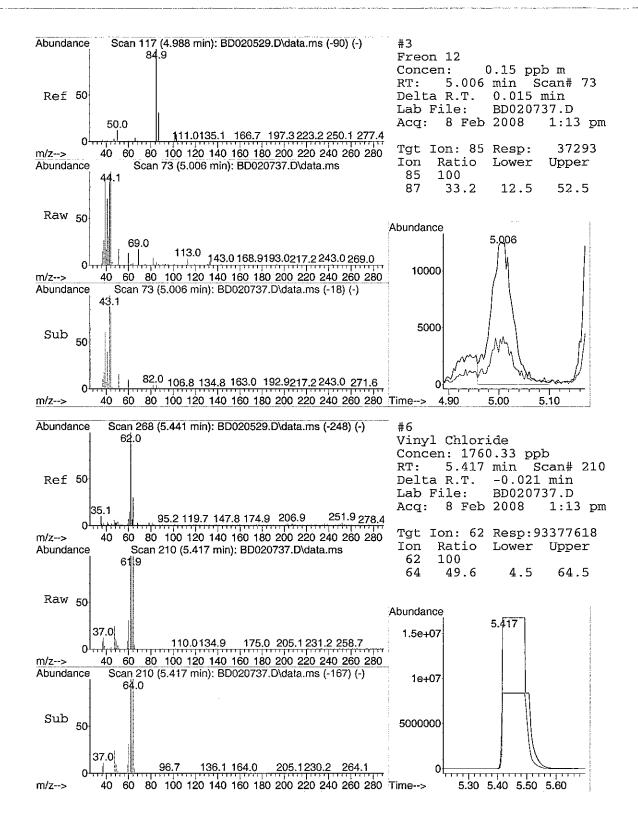
CO802002-004A 1ugM3 & 0.25TCE, CT, VNCL 12 Sample Multiplier: 1 ALS Vial Sample Misc

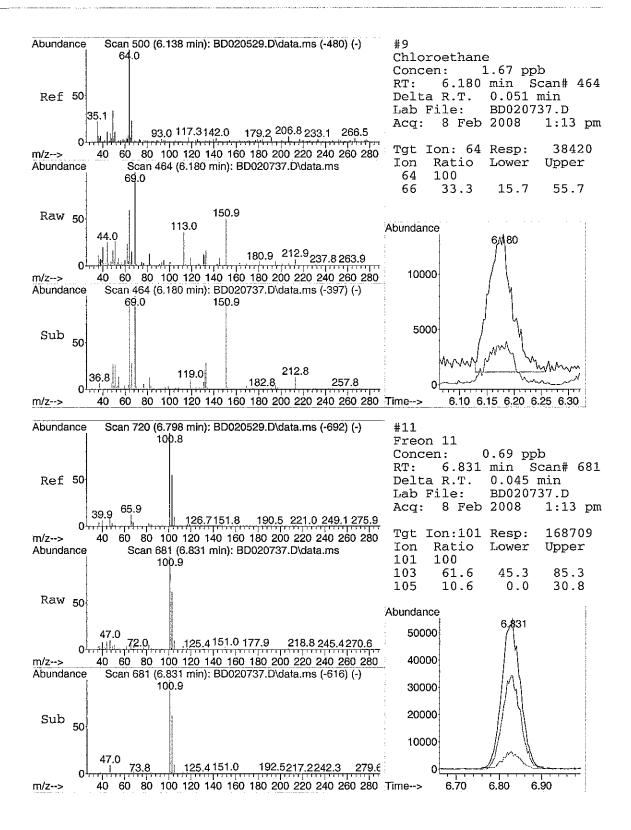
Quant Time: Feb 13 10:26:50 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

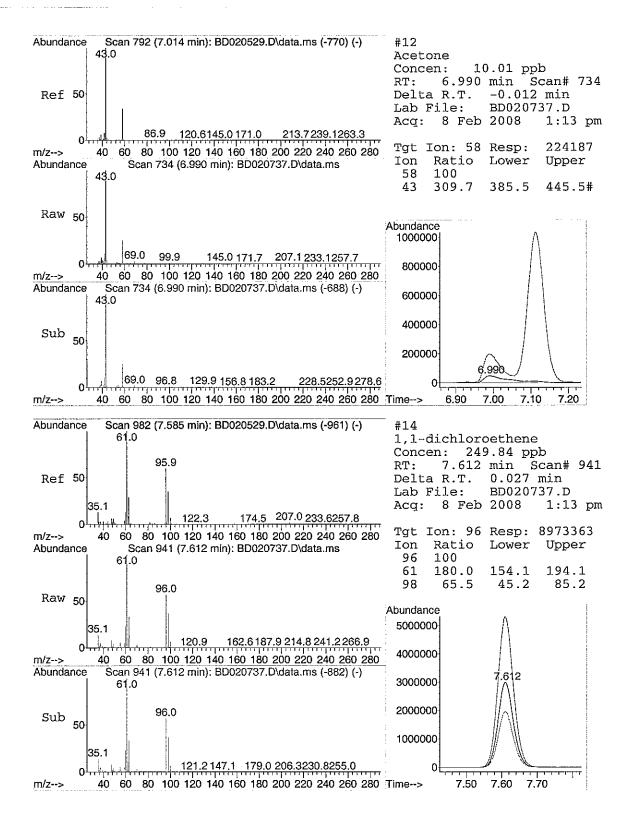


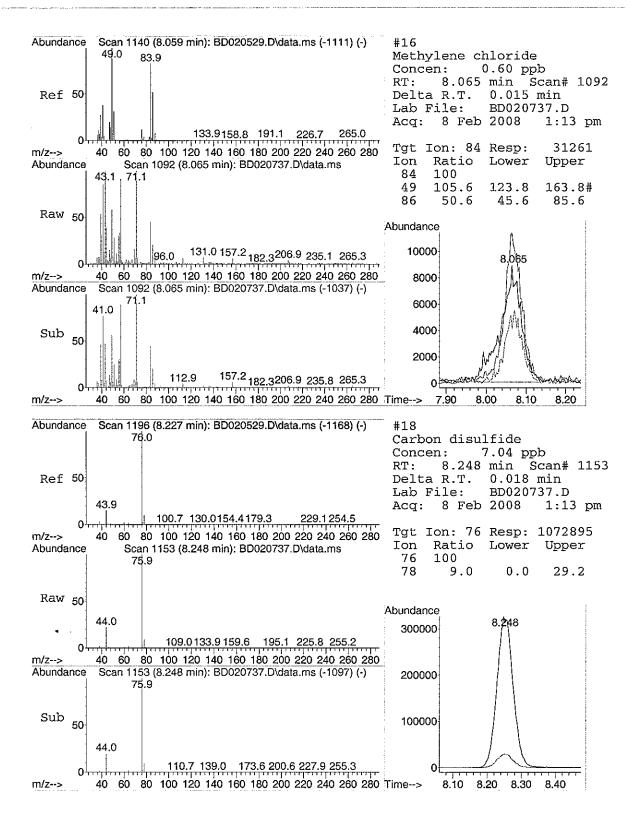
28 11:55:15 2008 B205D_1UT.M Thu Feb

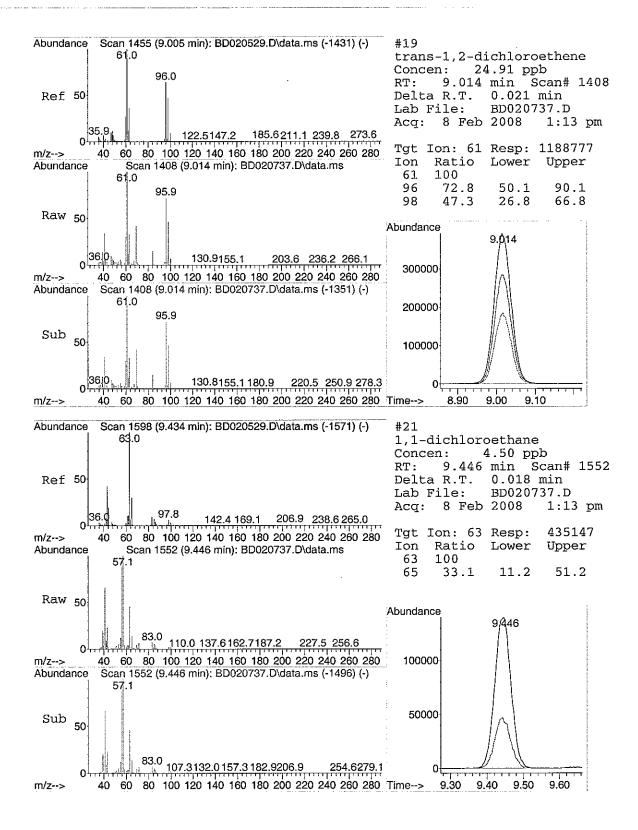
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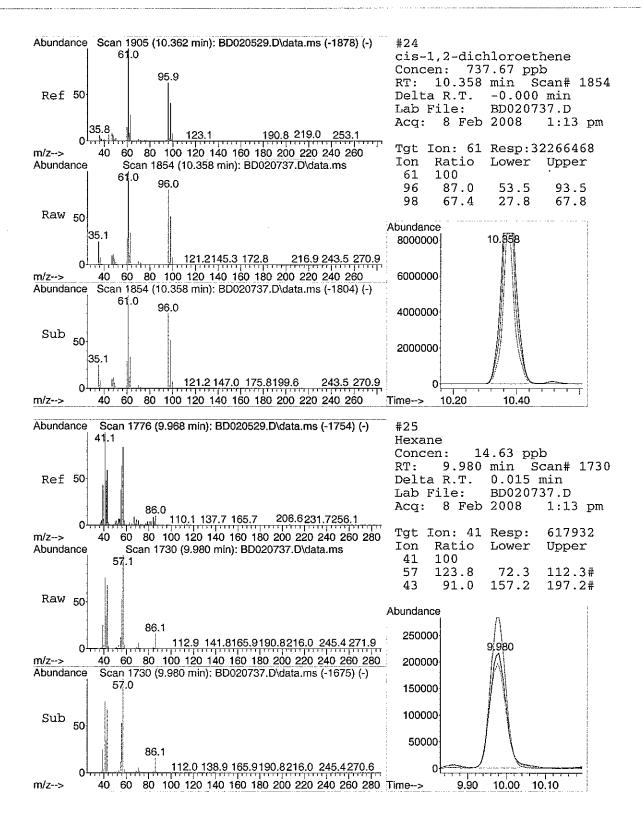


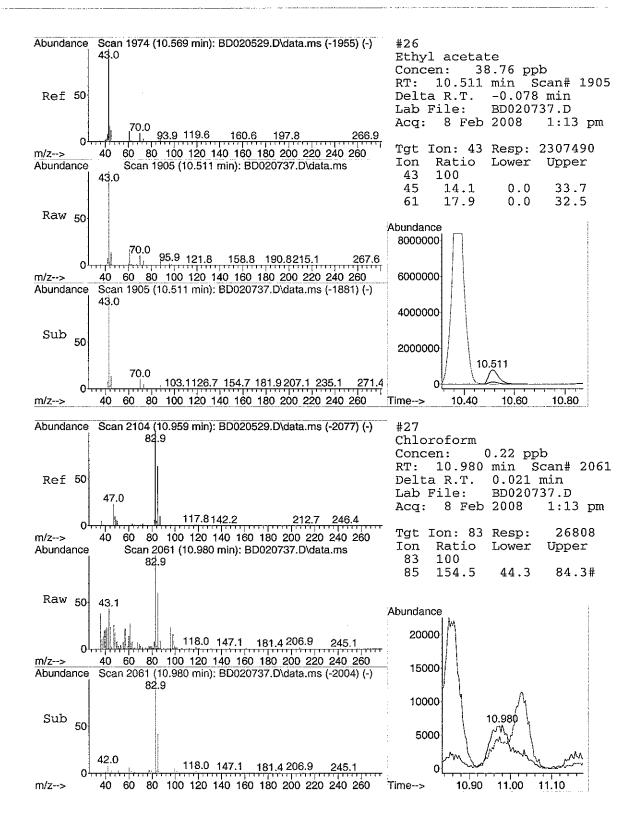


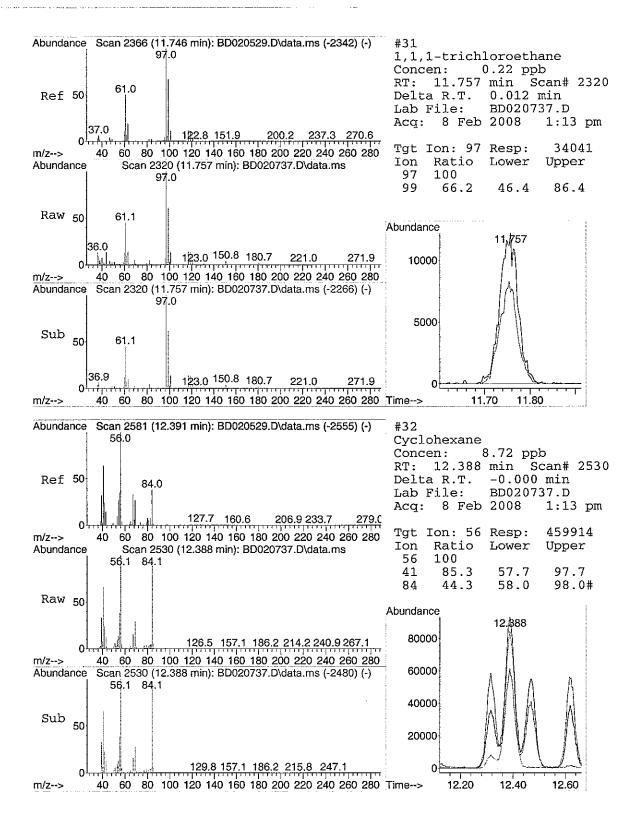


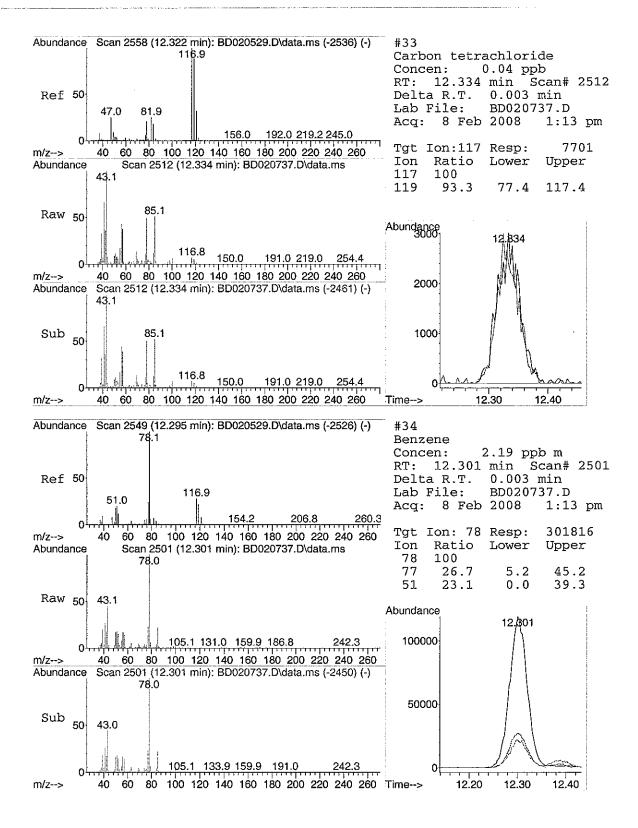


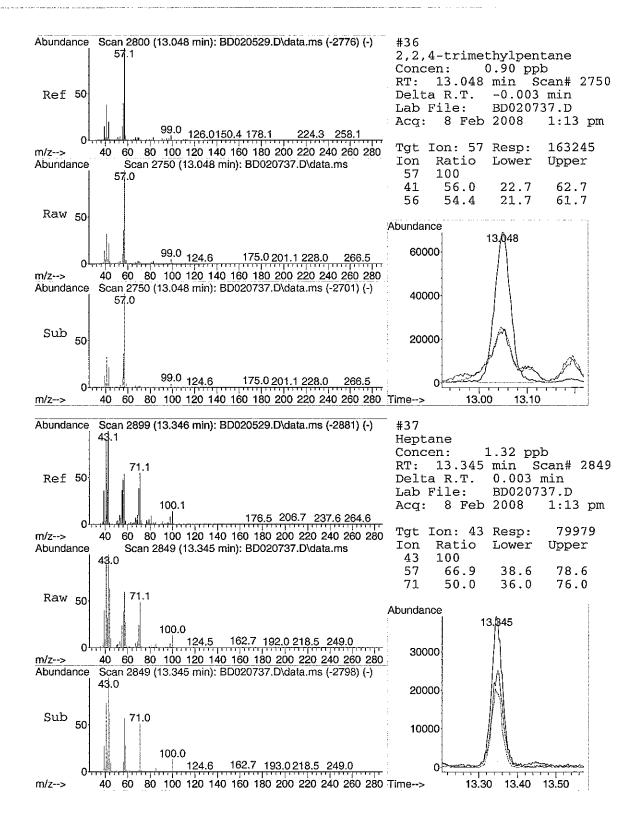


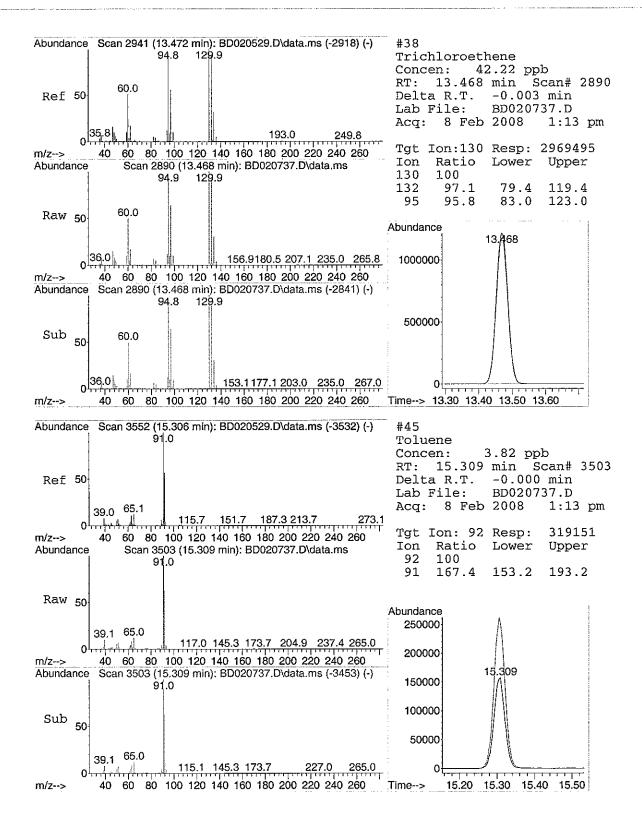


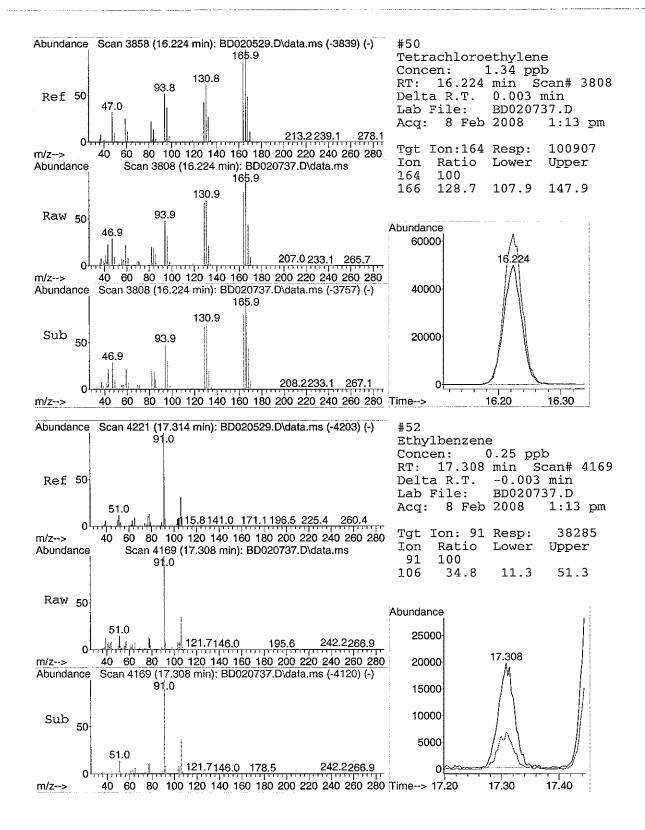


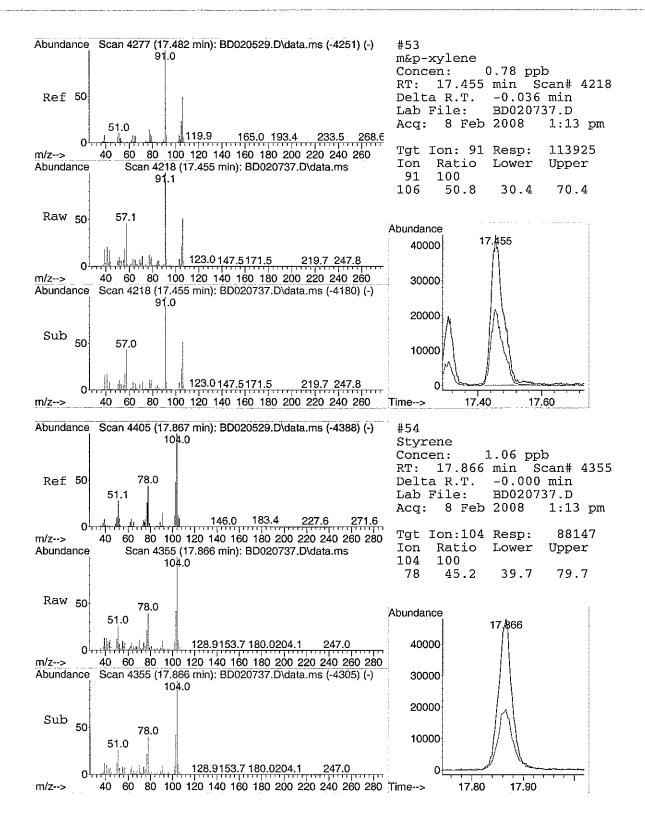


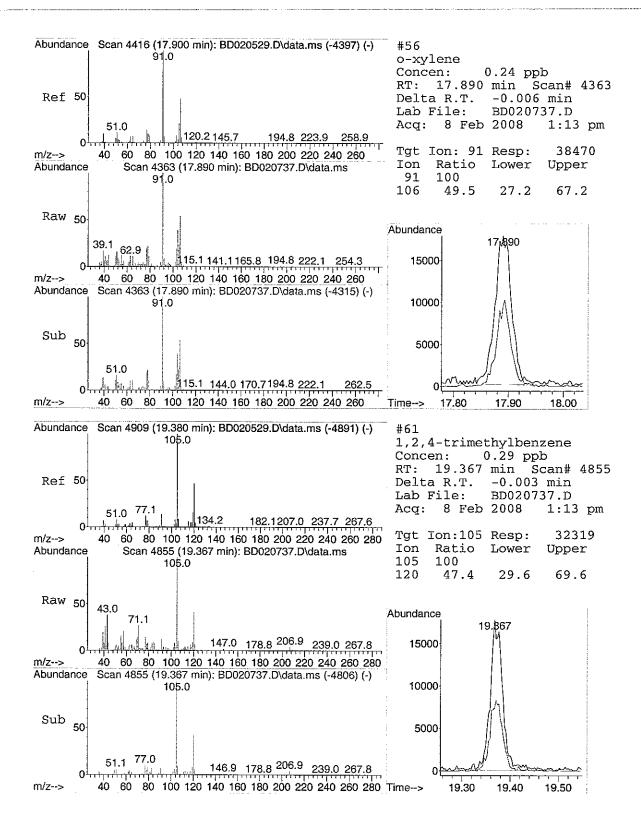












Data Path : C:\msdchem\1\DATA\

Data File : BD020738.D

: 8 Feb 2008 Acq On 2:14 pm

Operator

: C0802002-004A 20X Sample

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 12:05:03 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.812 12.886 17.044	114	61842	1.00	ppb		0.00 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000			23791 Recove		ppb 82.		0.00
Target Compounds						Qva	lue
6) Vinyl Chloride	5.459		20816417	462.50			97
12) Acetone	7.038		17033			#	1
14) 1,1-dichloroethene	7.597		611493				96
18) Carbon disulfide			86648				98
19) trans-1,2-dichloroethene			72708				98
21) 1,1-dichloroethane	9.425						90
24) cis-1,2-dichloroethene	10.361						94
25) Hexane	9.965		33191	0.93			52
26) Ethyl acetate	10.548			2.22		#	84
32) Cyclohexane	12.388		8775			#	61
34) Benzene			13535				94
38) Trichloroethene	13.472						98
45) Toluene	15.297	_	8779				98
50) Tetrachloroethylene	16.224	164	5160	0.12	agg		97

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

C:\msdchem\1\DATA\

Data Path Data File

Feb 2008 BD020738.D

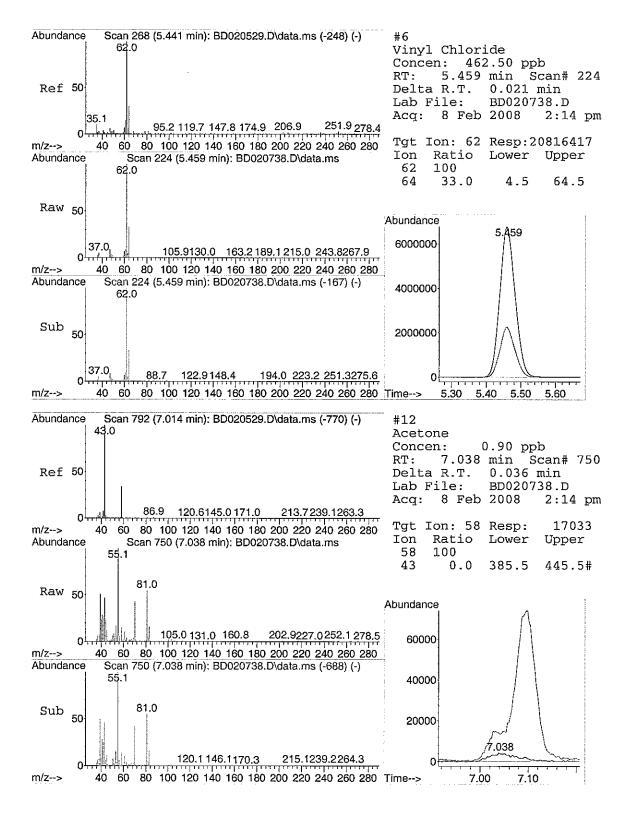
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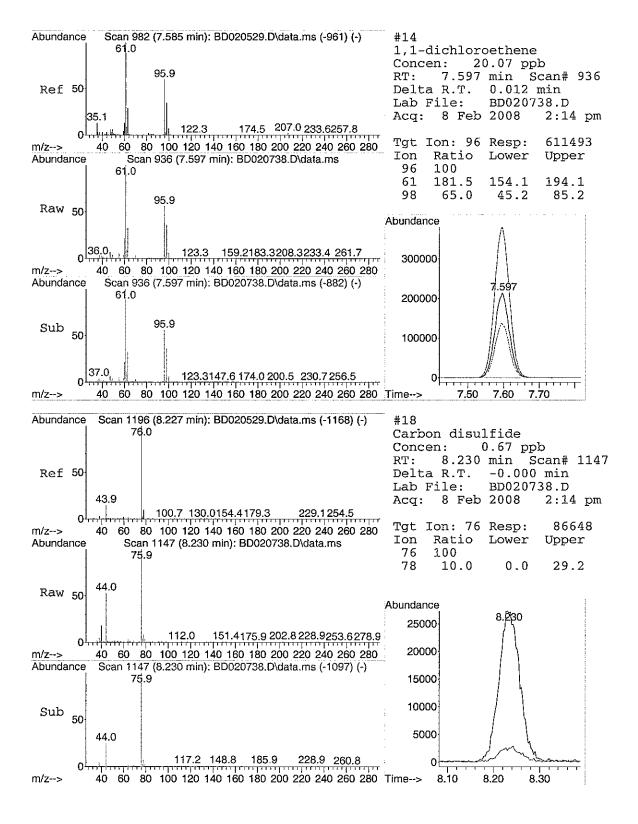
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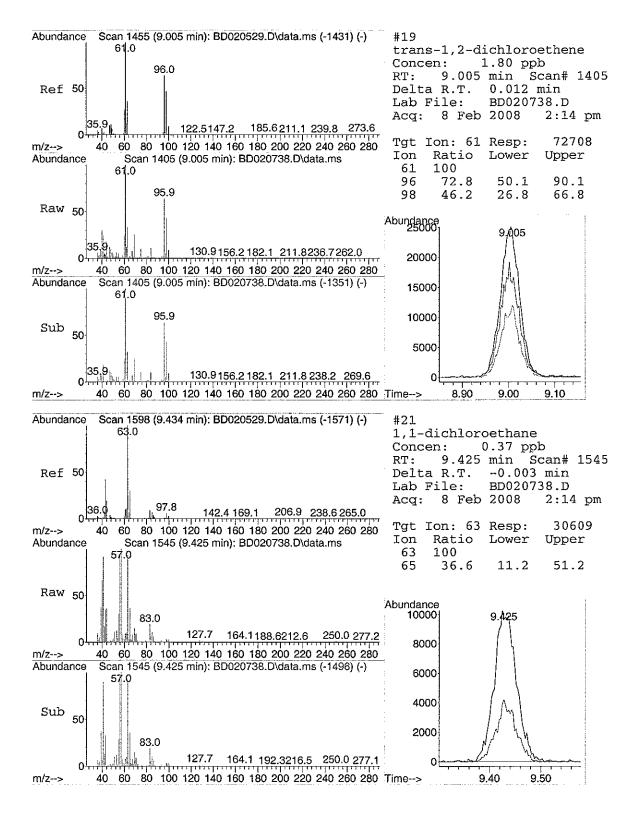
22,00 21.00 20.00 19,00 S.enesnedorouliomora 18,00 17.00 Chlorobenzene-d5,I Tetrachloroethylene, T 16.00 T,eneuloT 15.00 TIC: BD020738.D\data.ms 14,00 Trìchloroethene,T 13.00 I, 4-difluorobenzene, I T,ensxenesaga 12,00 11.00 Bromochloromethane,I Ethyl acetate,T T,enetheoroldoib-S,f-eb 10.00 T,ensxeH 1,1-dichloroethane,T 9.00 Trans-1,2-dichloroethene,T Carbon disuffide,T 8.00 7.00 T,enotecA 9.00 5.00 Abundance 1.5e+07 1000000 Time--> Page 155 of 354.

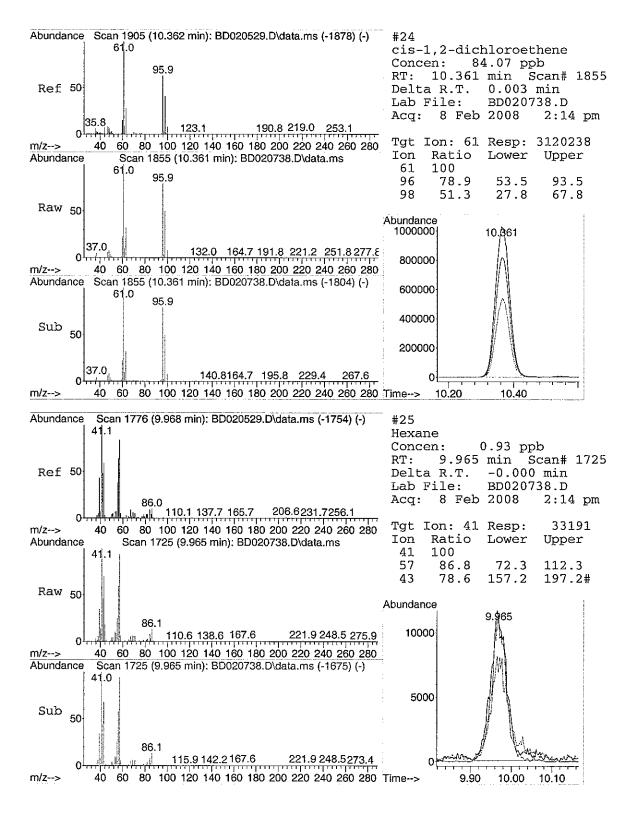
B205D_1UT.M Thu Feb 28 11:55:22 2008

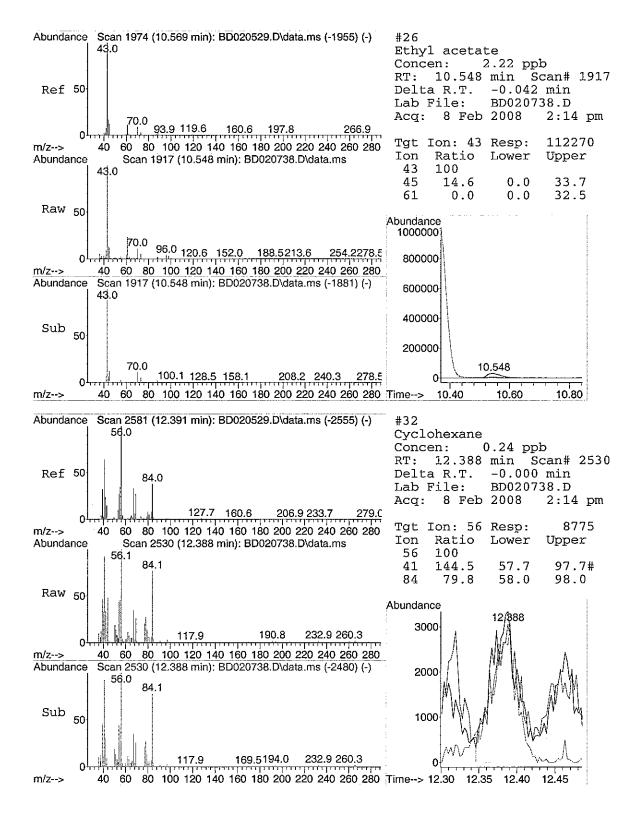
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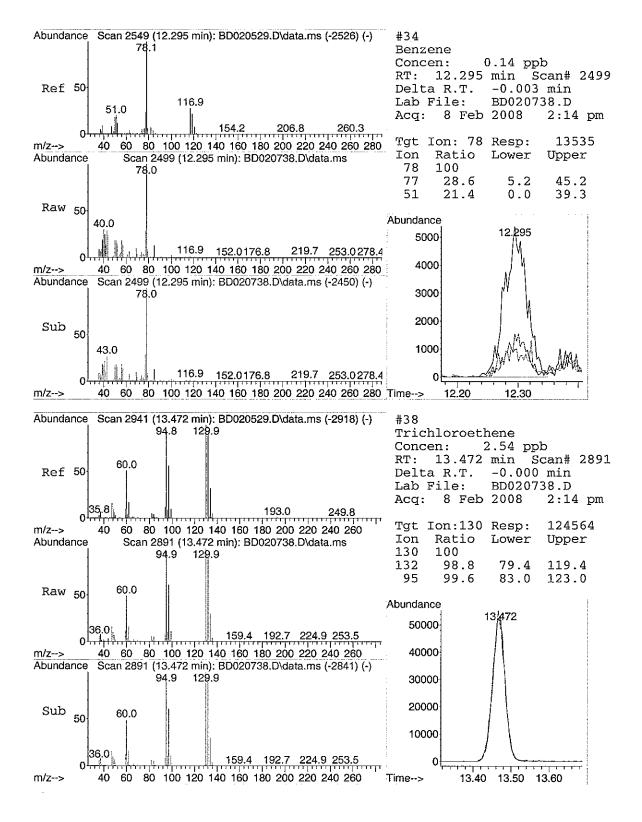


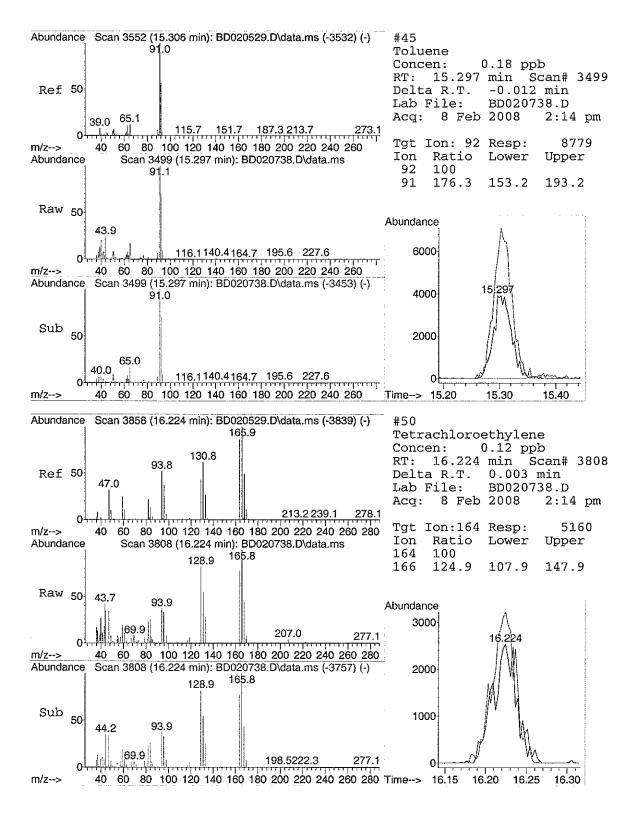












Data Path : C:\msdchem\1\DATA\
Data File : BD020739.D

Acq On : 8 Feb 2008 Operator : 2:51 pm

Sample : C0802002-004A 40X Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 12:12:08 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits	Dev ((Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.809 12.886 17.044	114			ppb		0.00 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.461 Range 70		19513 Recov	0.79 ery =		.00%	0.00
Target Compounds						Qva	ılue
6) Vinyl Chloride	5.462	62	14315559	346.70	ppb		97
12) Acetone	7.053	58	12011				1
<pre>14) 1,1-dichloroethene</pre>	7.600		400107				95
18) Carbon disulfide	8.230		57151				95
19) trans-1,2-dichloroethene			42578				99
<pre>21) 1,1-dichloroethane</pre>	9.428						91
24) cis-1,2-dichloroethene	10.365		2075243				95
25) Hexane	9.962		19259			#	36
26) Ethyl acetate	10.554		61792				95
32) Cyclohexane	12.379		3635				87
34) Benzene			8113m				
38) Trichloroethene	13.466		71321				97
45) Toluene	15.306	92	5215	0.13	dqq		100

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

C:\msdchem\1\DATA\

Data Path

BD020739.D

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Quant Time: Feb 13 12:12:08 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008
Response via: Initial Calibration
                          CO802002-004A 40X
1ugM3 & 0.25TCE, CT, VNCL
12 Sample Multiplier: 1
                                                                                                                                                                                                                                                                                                                                                                       1,1-dichloroethane,T
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           щd
         2:51
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                                                                                                                                                                                                                                                                                                                   3500000
                                                                                                                                                                                                                                                                                                                                   3000000
                                                                                                                                                                                                                                                                                                                                                  2500000
                                                                                                                                                                                                                                                                                                                                                                  2000000
                                                                                                                         9500000
                                                                                                                                                       8500000
                                                                                                                                                                       8000000
                                                                                                                                                                                                                     6500000
                                    Misc
                                                                                                                                                                                    Page 164 of 354.
```

TIC: BD020739.D\data.ms

16.00 15.00 14.00 13.00 12.00 11.00 10.00 9.00 28 11:55:27 2008 8.00 2.00 B205D_1UT.M Thu Feb 00.9 5.00 Time-->

Page:

22,00

21.00

20.00

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18.00

17.00

S.eneznedoroultomora

Chlorobenzene-d5,I

Trichloroethene,T

I,-4-difluorobenzene,I

Bromochloromethane,I Ethyl acetate,T

T,anaritaorothaib-S,f-aio

T,enkkelköllið

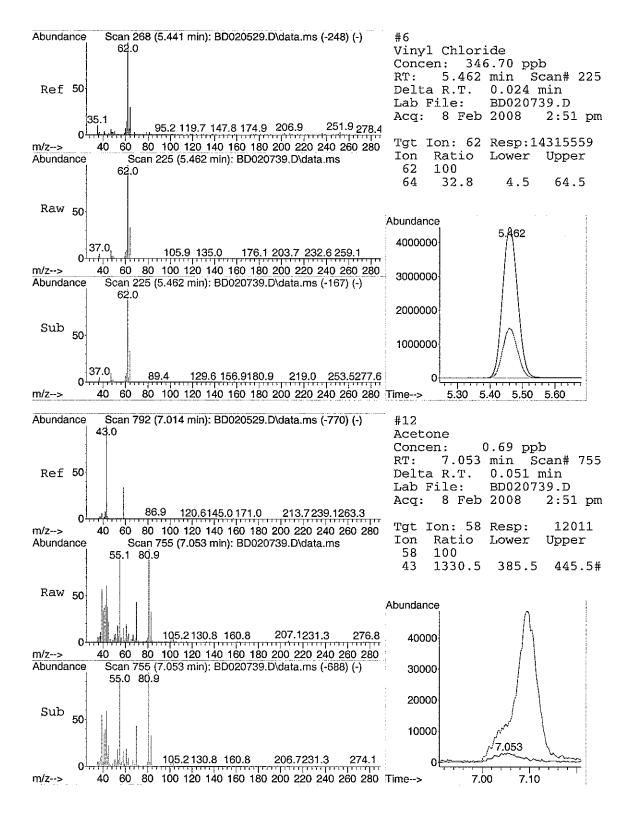
T,ansxaH

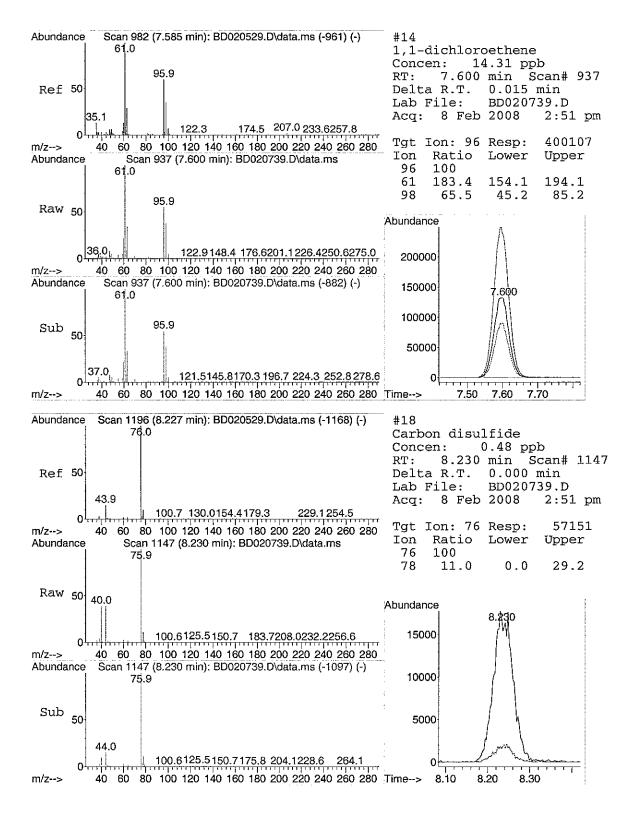
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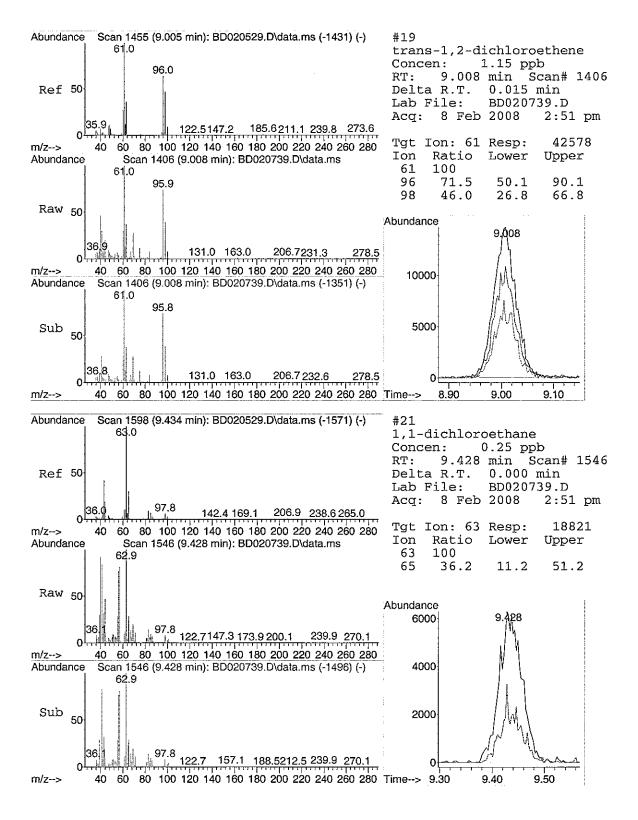
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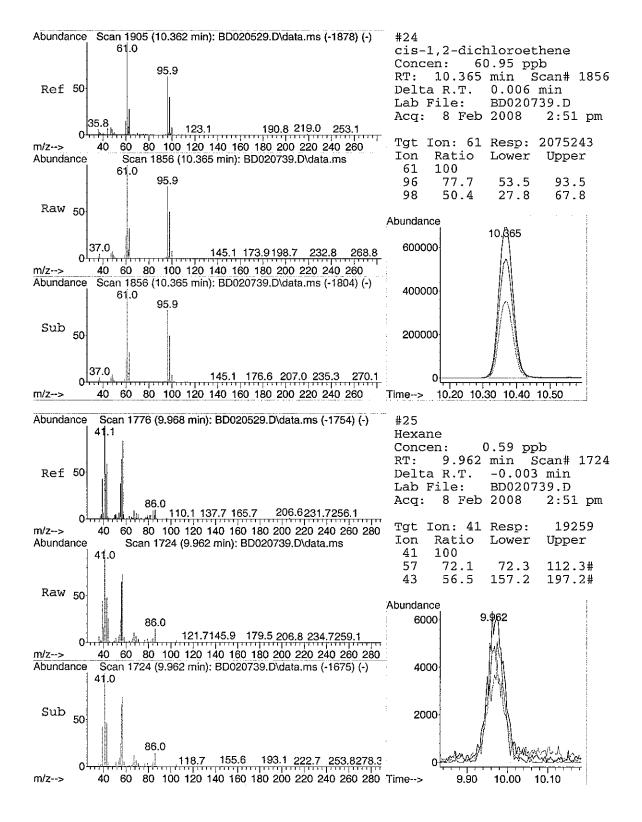
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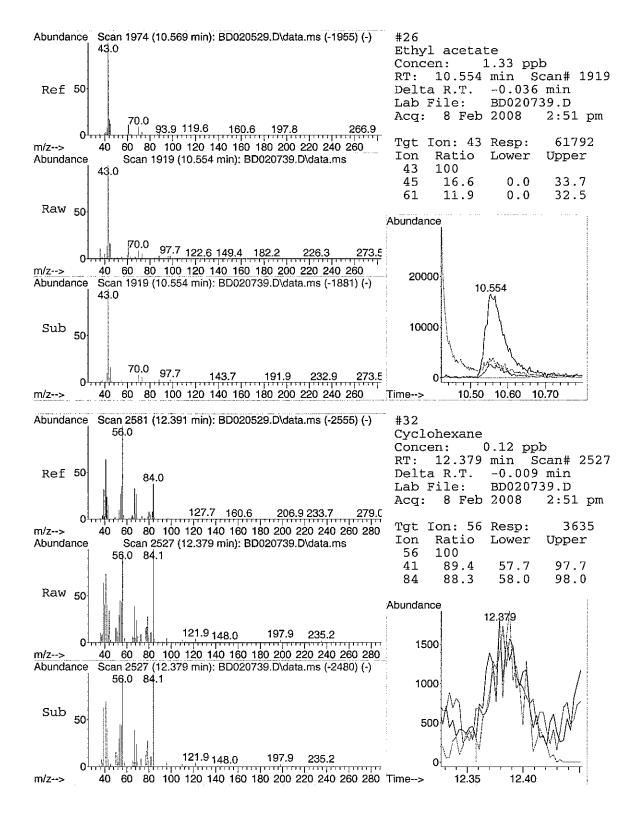
T,eneuloT

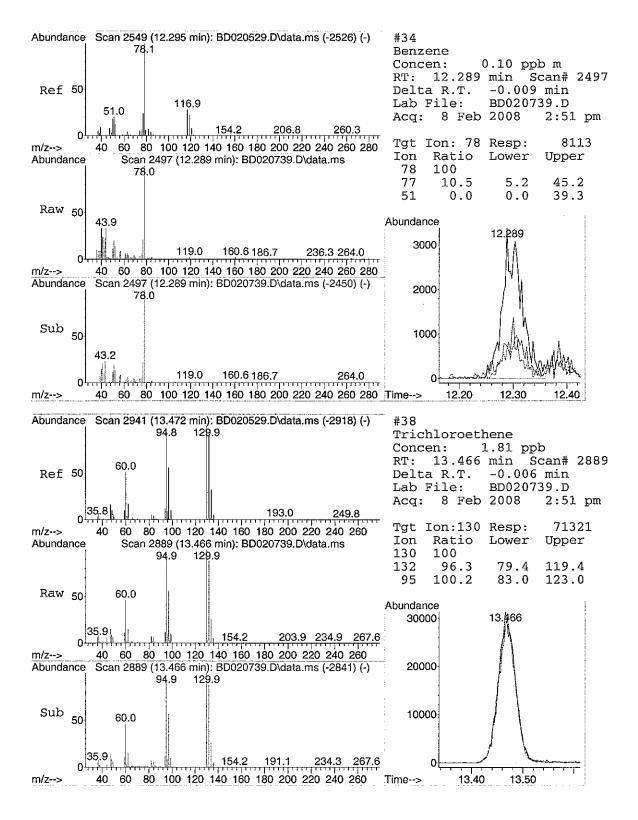


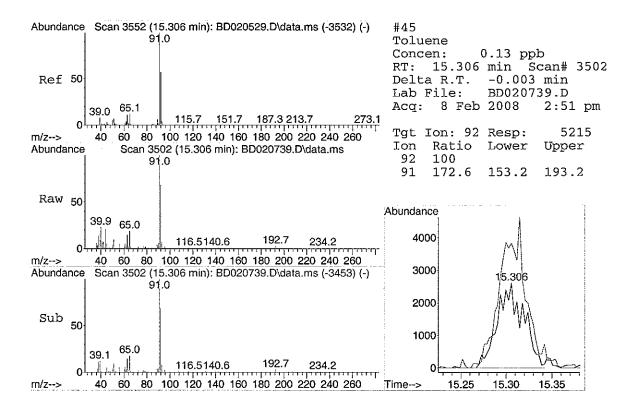












Data File: BD020934.D Acq On: 10 Feb 2008 11:13 am Operator:

: C0802002-004A 1280X Sample

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 13 14:23:34 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.845 12.901 17.050	128 114 117	18465 39490 42195	1.00 ppb 1.00 ppb 1.00 ppb	# 0.03 0.02 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.467 Range 70			0.72 ppb ry = 72.	
Target Compounds 6) Vinyl Chloride 14) 1,1-dichloroethene 24) cis-1,2-dichloroethene 38) Trichloroethene	5.501 7.636 10.386 13.484		246252 4369 16116 3803m	6.95 ppb 0.18 ppb 0.55 ppb	Qvalue 96 # 86 97

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

```
C:\msdchem\1\DATA\
Data Path
Data File
```

11:13 am 10 Feb 2008 BD020934.D Acq On

C0802002-004A 1280X lugM3 & 0.25TCE, CT, VNCL 21 Sample Multiplier: 1 Operator ALS Vial Sample Misc

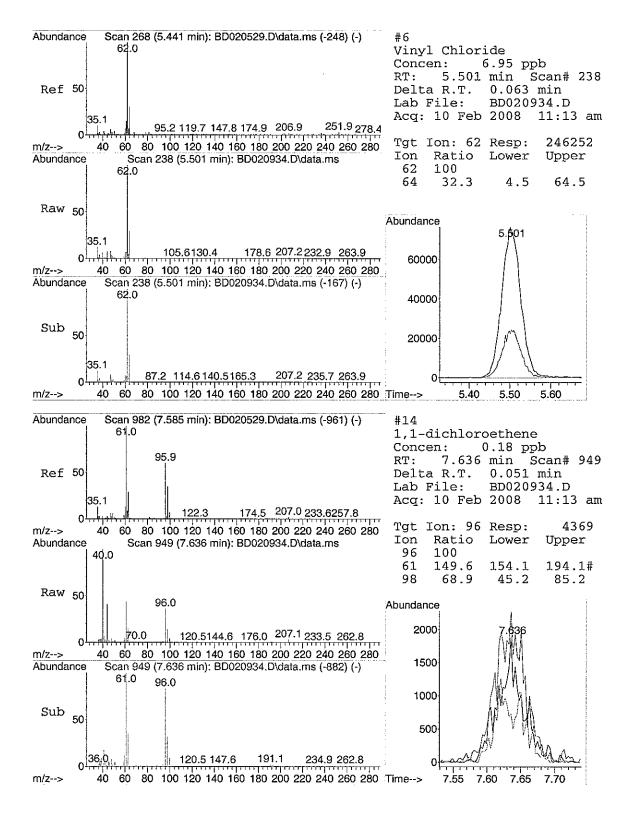
Quant Time: Feb 13 14:23:34 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008
Response via: Initial Calibration

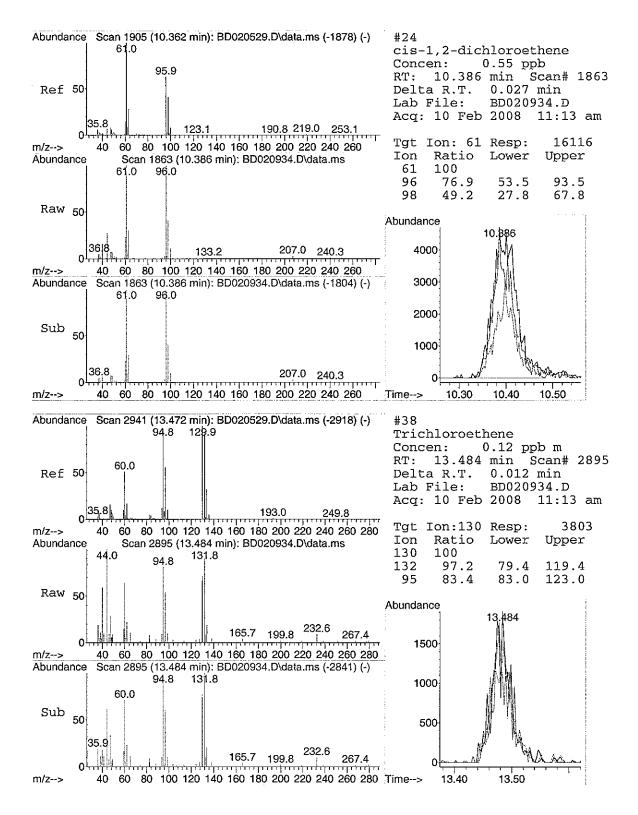
Response via

22.00 21.00 20.00 19,00 Bromofluorobenzene,S 18.00 17.00 1, 3b-ensanadorolfi O 16.00 15.00 TIC: BD020934.D\data.ms 14.00 Trichloroethene, T 13.00 1,4-difluorobenzene,1 12,00 11.00 Bromochloromethane,I T,anartheorothcib-2,1-six 10.00 9.00 8.00 T, an ethoroethene, T 7.00 9.00 T,ebinold Chloride,T 2.00 Aby 1000000 3200000 400000 200000 800000 600000 1200000 2600000 2200000 2000000 1800000 1600000 1400000 1000000 3000000 2800000 2400000 Time--> Page 173 of 354.

B205D_1UT.M Thu Feb 28 13:42:06 2008

Page:





Data Path : C:\msdchem\1\DATA\
Data File : BD020936.D

Acq On : 10 Feb 2008 12:19 pm Operator :

: C0802002-004A 10240X Sample Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 13 14:26:34 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via: Initial Calibration

Compound	R.T.	QIon	Response (Conc U	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.833 12.901 17.053	128 114 117	16245 35012 36271	1.00 1.00 1.00	ppb	# 0.02 0.02 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70		14429 Recovery	0.78		
Target Compounds 6) Vinyl Chloride 24) cis-1,2-dichloroethene	5.507 10.398	62 61	59299 3365	1.90		

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

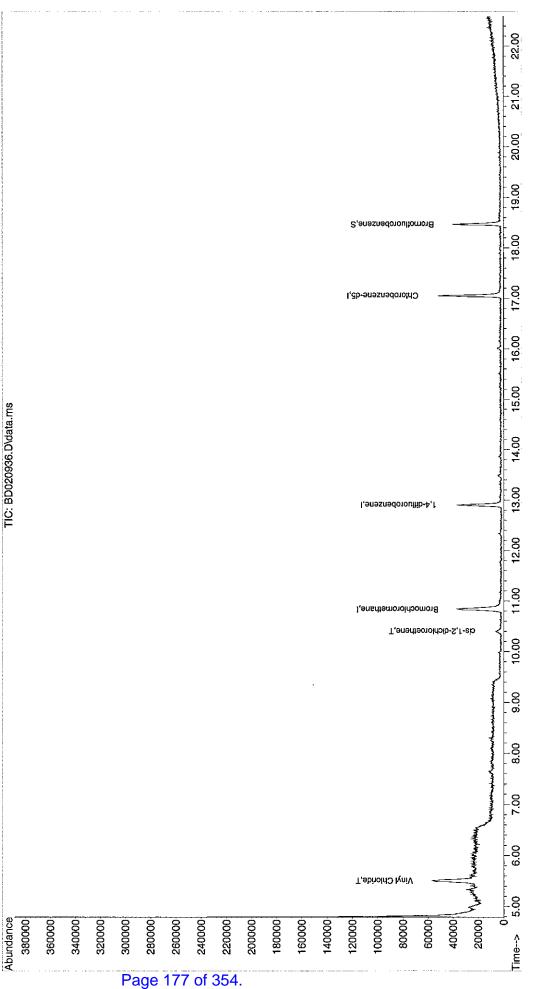
12:19 pm C:\msdchem\1\DATA\ BD020936.D Path Data File

10 Feb 2008 Operator Acg On

Sample

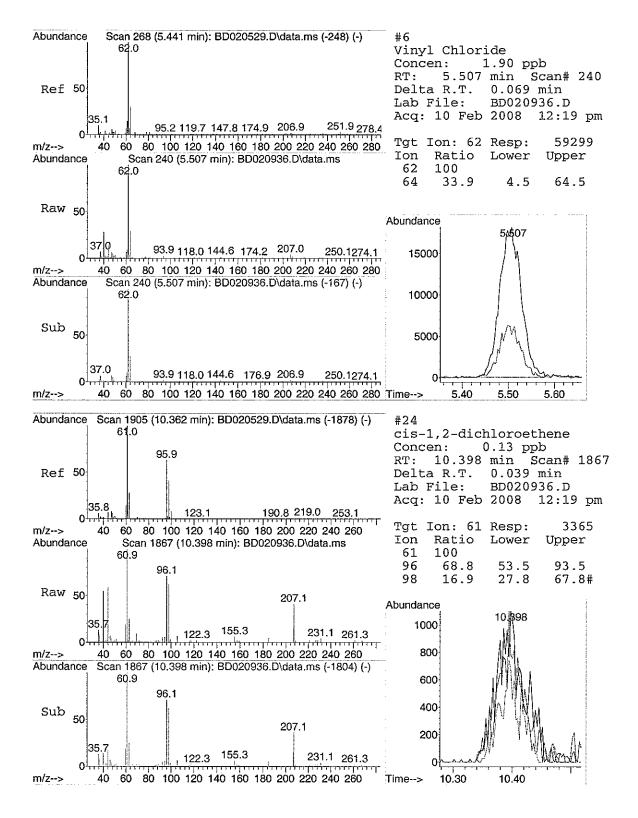
C0802002-004A 10240X lugM3 & 0.25TCE, CT, VNCL 21 Sample Multiplier: 1 Misc ALS Vial

Quant Method: C:\msdchem\l\METHODS\B205D_lUT.M Quant Title: TO-15 VOA Standards for 5 point calibration QLast Update: Wed Feb 06 11:50:55 2008 Response via: Initial Calibration Quant Time: Feb 13 14:26:34 2008



B205D_1UT.M Thu Feb 28 13:42:12 2008

Page:



Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order:

C0802002

Tag Number: 463, 79

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID: C0802002-005A

Matrix: AIR

Analyses	Result	Limit Qua	al Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-4		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	. 1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.150	Vdqq	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Acetone	5.40	3.00	ppbV	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Benzene	0.200	0.150	ppbV	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Carbon disulfide	0.340	0.150	ppbV	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.0400	Vdqq	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	0.360	0.150	ppbV	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM
Cyclohexane	0.490	0.150	ppbV	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	0,150	ppbV	1	2/10/2008 1:15:00 AM
Ethyl acetate	1.71	0.250	Vdqq	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.150	ppbV	1	2/10/2008 1:15:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order:

C0802002

Tag Number: 463, 79

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-005A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO	-15			Analyst: LL
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Freon 12	0.200	0.150		ppbV	1	2/10/2008 1:15:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Hexane	0.230	0.150		ppbV	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.100	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.210	0.300	J	ppbV	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Methylene chloride	0.110	0.150	J	ppbV	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Styrene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	2.20	1.50		ppbV	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Toluene	0.640	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Trichloroethene	0.500	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 1:15:00 AM
Surr: Bromofluorobenzene	81.0	70-130		%REC	1	2/10/2008 1:15:00 AM

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B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order:

C0802002

Tag Number: 463, 79

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-005A

Matrix: AIR

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	0	0	ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-18	5		Analyst: LL
1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 1:15:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/10/2008 1:15:00 AM
1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethane	ND	0.617	ug/m3	1	2/10/2008 1:15:00 AM
1,1-Dichloroethene	ND	0.605	ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trichlorobenzene	ND	1.13	ug/m3	1	2/10/2008 1:15:00 AM
1,2,4-Trimethylbenzene	ND	0.749	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dibromoethane	ND	1.17	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloroethane	ND	0.617	ug/m3	1	2/10/2008 1:15:00 AM
1,2-Dichloropropane	ND	0.705	ug/m3	1	2/10/2008 1:15:00 AM
1,3,5-Trimethylbenzene	ND	0.750	ug/m3	1	2/10/2008 1:15:00 AM
1,3-butadiene	ND	0.337	ug/m3	1	2/10/2008 1:15:00 AM
1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 1:15:00 AM
1,4-Dioxane	ND	1.10	ug/m3	1	2/10/2008 1:15:00 AM
2,2,4-trimethylpentane	ND	0.712	ug/m3	1	2/10/2008 1:15:00 AM
4-ethyltoluene	ND	0.750	ug/m3	1	2/10/2008 1:15:00 AM
Acetone	13.0	7.24	ug/m3	10	2/10/2008 1:48:00 AM
Allyl chloride	ND	0.477	ug/m3	1	2/10/2008 1:15:00 AM
Benzene	0.649	0.487	ug/m3	1	2/10/2008 1:15:00 AM
Benzyl chloride	ND	0.877	ug/m3	1	2/10/2008 1:15:00 AM
Bromodichloromethane	ND	1.02	ug/m3	1	2/10/2008 1:15:00 AM
Bromoform	ND	1.58	ug/m3	1	2/10/2008 1:15:00 AM
Bromomethane	ND	0.592	ug/m3	1	2/10/2008 1:15:00 AM
Carbon disulfide	1.08	0.475	ug/m3	1	2/10/2008 1:15:00 AM
Carbon tetrachloride	ND	0.256	ug/m3	1	2/10/2008 1:15:00 AM
Chlorobenzene	ND	0.702	ug/m3	1	2/10/2008 1:15:00 AM
Chloroethane	ND	0.402	ug/m3	1	2/10/2008 1:15:00 AM
Chloroform	ND	0.744	ug/m3	1	2/10/2008 1:15:00 AM
Chloromethane	ND	0.315	ug/m3	1	2/10/2008 1:15:00 AM
cis-1,2-Dichloroethene	1.45	0.604	ug/m3	1	2/10/2008 1:15:00 AM
cis-1,3-Dichloropropene	ND	0.692	ug/m3	1	2/10/2008 1:15:00 AM
Cyclohexane	1.71	0.525	ug/m3	1	2/10/2008 1:15:00 AM
Dibromochloromethane	ND	1.30	ug/ m 3	1	2/10/2008 1:15:00 AM
Ethyl acetate	6.26	0.916	ug/ m 3	1	2/10/2008 1:15:00 AM
Ethylbenzene	ND	0.662	ug/m3	1	2/10/2008 1:15:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVI

Lab Order:

C0802002

Tag Number: 463, 79

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-005A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 1:15:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 1:15:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 1:15:00 AM
Freon 12	1.01	0.754		ug/m3	1	2/10/2008 1:15:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 1:15:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 1:15:00 AM
Hexane	0.824	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 1:15:00 AM
m&p-Xylene	0.441	1.32	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl Ethyl Ketone	0.630	0.899	J	ug/m3	1	2/10/2008 1:15:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 1:15:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 1:15:00 AM
Methylene chloride	0.388	0.530	J	ug/m3	1	2/10/2008 1:15:00 AM
o-Xylene	ND	0.662		ug/m3	1	2/10/2008 1:15:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 1:15:00 AM
Styrene	ND	0.649		ug/m3	1	2/10/2008 1:15:00 AM
Tetrachloroethylene	15.2	10.3		ug/m3	10	2/10/2008 1:48:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 1:15:00 AM
Toluene	2.45	0.575		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 1:15:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 1:15:00 AM
Trichloroethene	2.73	0.218		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 1:15:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 1:15:00 AM

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В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Non-routine analyte. Quantitation estimated. JN

Spike Recovery outside accepted recovery limits

Ε Value above quantitation range

Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Data File : BD020916.D

Acq On : 10 Feb 2008 Operator : 1:15 am

: C0802002-005A Sample

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 10:33:22 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response (onc Ur	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.839 12.901 17.047	114	26594 68914 72977	1.00 1.00 1.00	ppb	0.02
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70					0.00 .00%
Target Compounds 3) Freon 12 11) Freon 11 12) Acetone 16) Methylene chloride 18) Carbon disulfide 23) Methyl Ethyl Ketone 24) cis-1,2-dichloroethene 25) Hexane 26) Ethyl acetate 32) Cyclohexane 34) Benzene 38) Trichloroethene 45) Toluene 50) Tetrachloroethylene	5.036 6.849 7.050 8.092 8.281 10.046 10.397 9.998 10.572 12.406 12.319 13.474 15.312	101 58 84 76 43 61 41 43 56 78 130 92	48893 28405 100483 5236m 49647 17259 15286 9426 97634 19915m 21231 27383 40127 139514	0.20 0.12 4.67 0.11 0.34 0.21 0.36 0.23 1.71 0.49 0.20 0.50 0.64 2.47	ppb ppb ppb ppb ppb ppb ppb ppb ppb	89 98 87 93 72 96 95 97

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

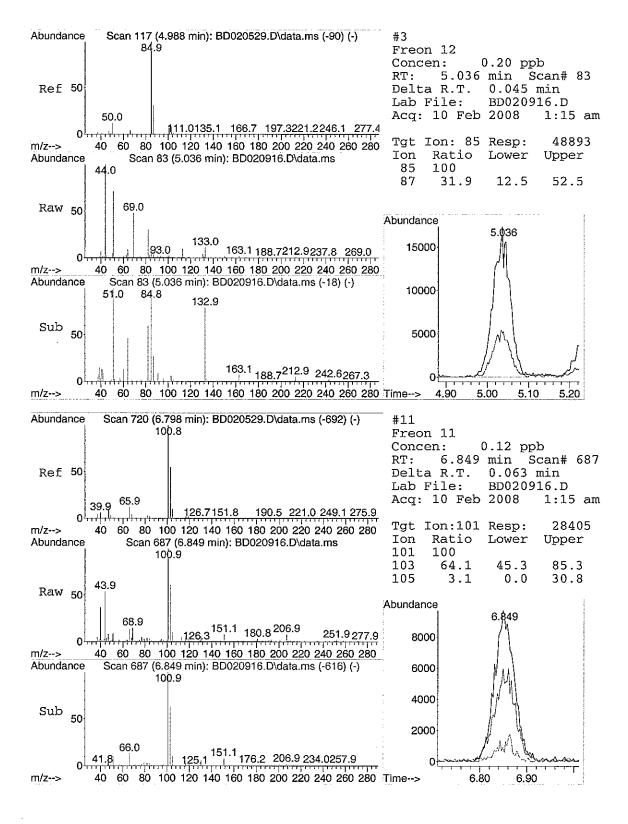
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21.00
                                                                                                                                                                                                                                                                                                                                                   20.00
                                                                                                                                                                                                                                                                                                                                                   19.00
                                                                                                                                                                                                                                                                                           S.anasnadoroultomor8
                                                                                                                                                                                                                                                                                                                                                   18.00
                                                                                                                                                                                                                                                                                                             т.епвр-хујепе,Т
                                                                                                                                                                                                                                                                                                                                                   17.00
                                                                                                                                                                                                                                                                                                 Chlorobenzene-d5,1
                                                                                                                                                                                                                                                                                       Tetrachloroethytene,T
                                                                                                                                                                                                                                                                                                                                                   16.00
                                                                                                                                                                                                                                                                                                                  Toluene,T
                                                                                                                                                                                                                                                                                                                                                   15.00
                                                                                          TIC: BD020916.D\data.ms
                                                                                                                                                                                                                                                                                                                                                   14.00
                                                                                                                                                                                                                                                                                                     Trichloroethene,T
                                                                                                                                                                                                                                                                                                                                                   13.00
                                                  Quant Time: Feb 13 10:33:22 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
                                                                                                                                                                                                                                                                                               1,4-diffuorobenzene,1
                                                                                                                                                                                                                                                                                                          T,enexanoliya
                                                                                                                                                                                                                                                                                                                                                   12.00
                                                                                                                                                                                                                                                                                                                                                   11.00
                                                                                                                                                                                                                                                                                            Bromochloromethane,I
                                                                                                                                                                                                                                                                                          T,enetheroethene,T,eio-T,eio-T,eio-T,eisteine,T
                                                                                                                                                                                                                                                                                                                                                   10.00
                                                                                                                                                                                                                                                                                              T,enote N Ketone, T
                          CO802002-005A
lugM3 & 0.25TCE, CT, VNCL
19 Sample Multiplier: 1
                                                                                                                                                                                                                                                                                                                                                   9.00
                                                                              : Initial Calibration
               am
             1:15
C:\msdchem\1\DATA\
BD020916.D
10 Feb 2008 1:15
                                                                                                                                                                                                                                                                                                     Tathon disulfide,T
                                                                                                                                                                                                                                                                                                                                                   8.00
                                                                                                                                                                                                                                                                                                 Methylene chloride,T
                                                                                                                                                                                                                                                                                                                                                   7.00
                                                                                                                                                                                                                                                                                                                Т,өлотээА
                                                                                                                                                                                                                                                                                                                T,tf noen3
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                                                                               Response via
Path
File
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                    Operator
                                       ALS Vial
                                                                                                                          1.2e+07
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             Acq On
                           Sample
                                                                                           Abundance
                                                                                                                                            1.1e+07
                                                                                                                                                             1e+07
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                                                                                                        1.3e+07
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       Data
                                                                                                                                                                                                                                                                                                                                                    Time-->
                                  Misc
                                                                                                                                                   Page 184 of 354.
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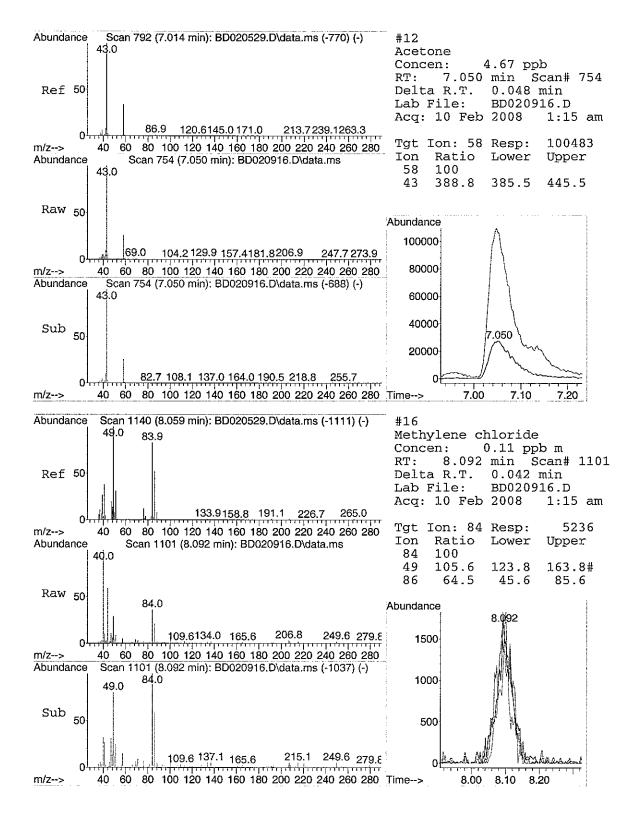
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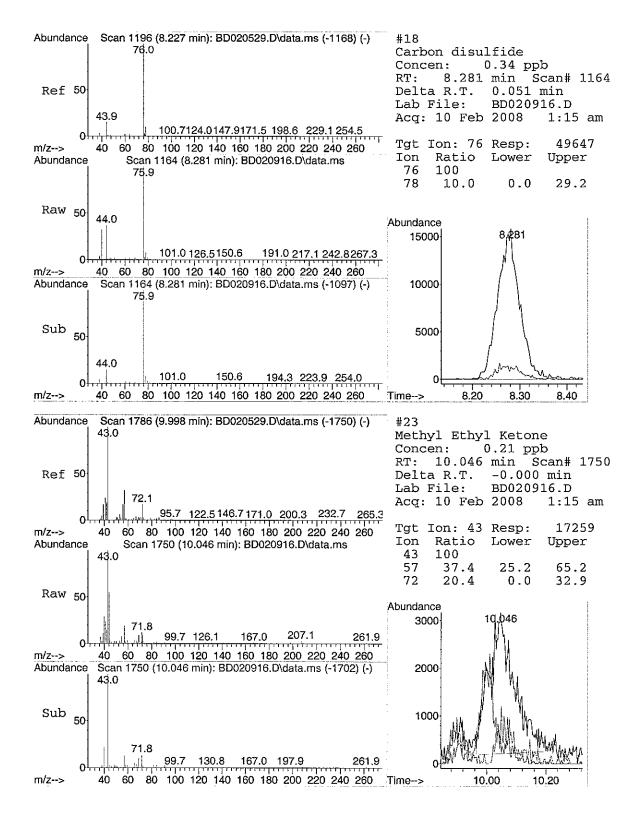
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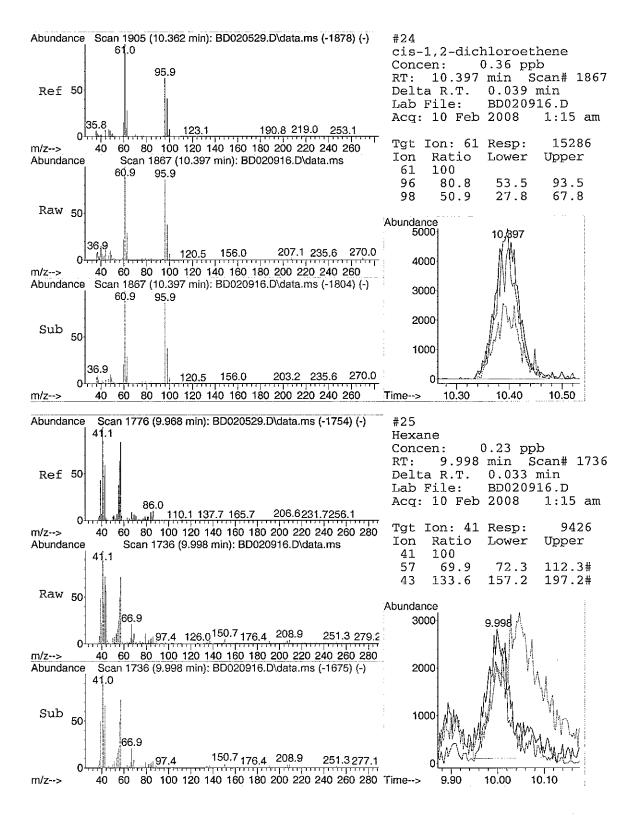
28 13:40:55 2008

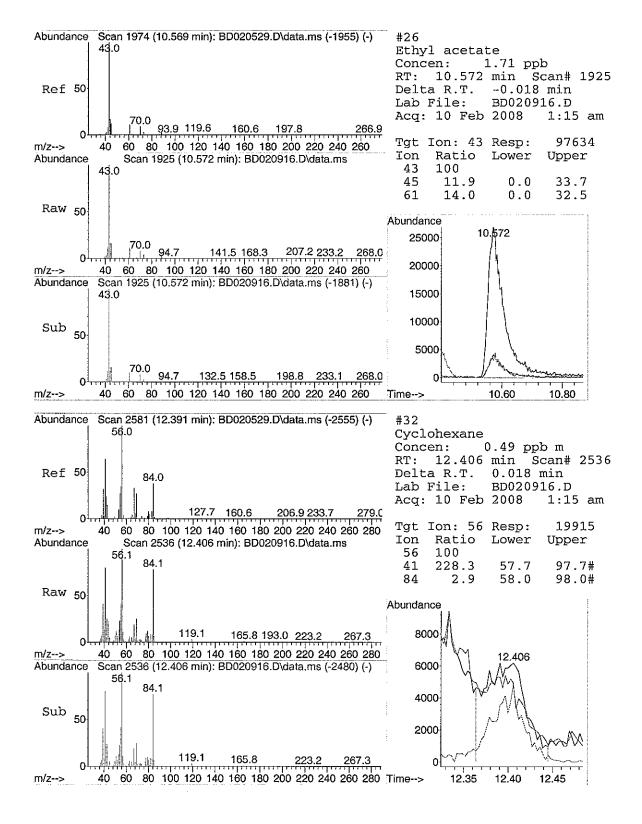
B205D_1UT.M Thu Feb

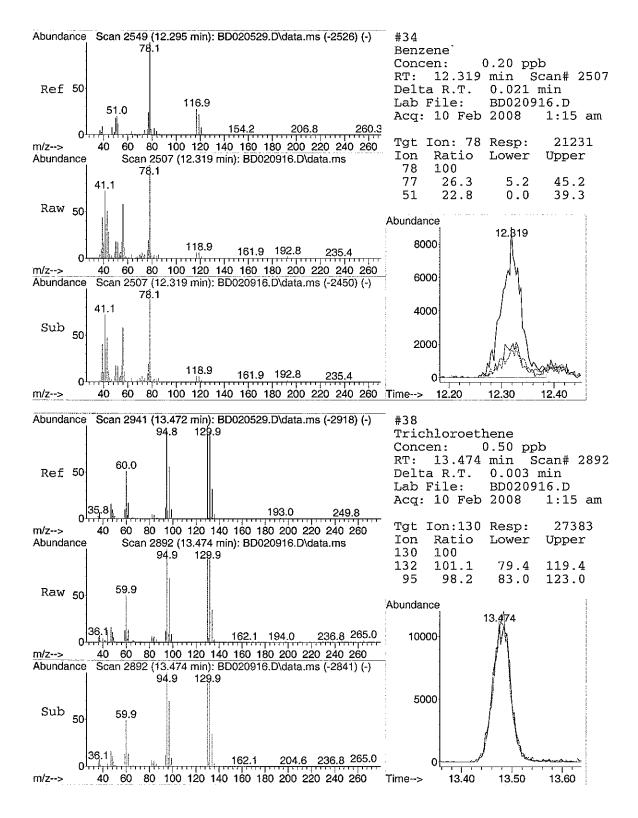


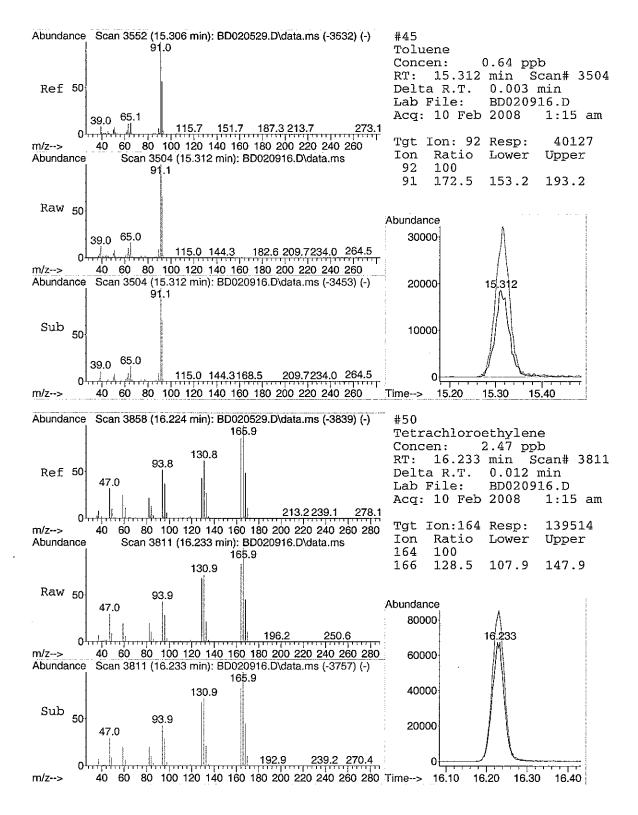


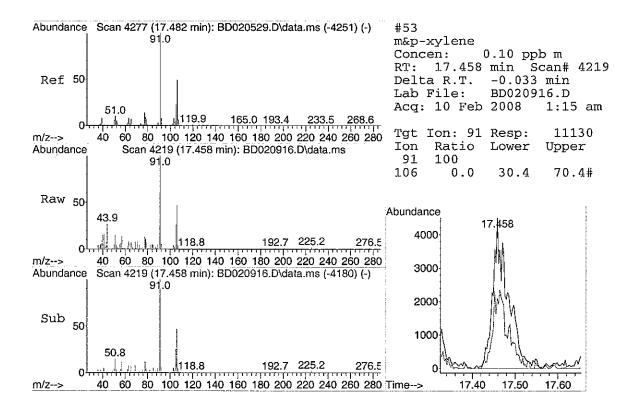












Data File : BD020917.D

Acq On : 10 Feb 2008 Operator :

: C0802002-005A 10X Sample

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 12:25:04 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.827 12.895 17.050	128 114 117	23961 54070 57052	1.00 ppb 1.00 ppb 1.00 ppb	# 0.01 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.467 Range 70		21467 Recove	0.74 ppb ry = 74.	
Target Compounds	7 000	ΕO	10501-	0.54 ppb	Qvalue
12) Acetone 50) Tetrachloroethylene	7.080 16.230	58 164	9610	0.54 ppb 0.22 ppb	99

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

C:\msdchem\1\DATA\ Data Path

1:48 am BD020917.D Data File

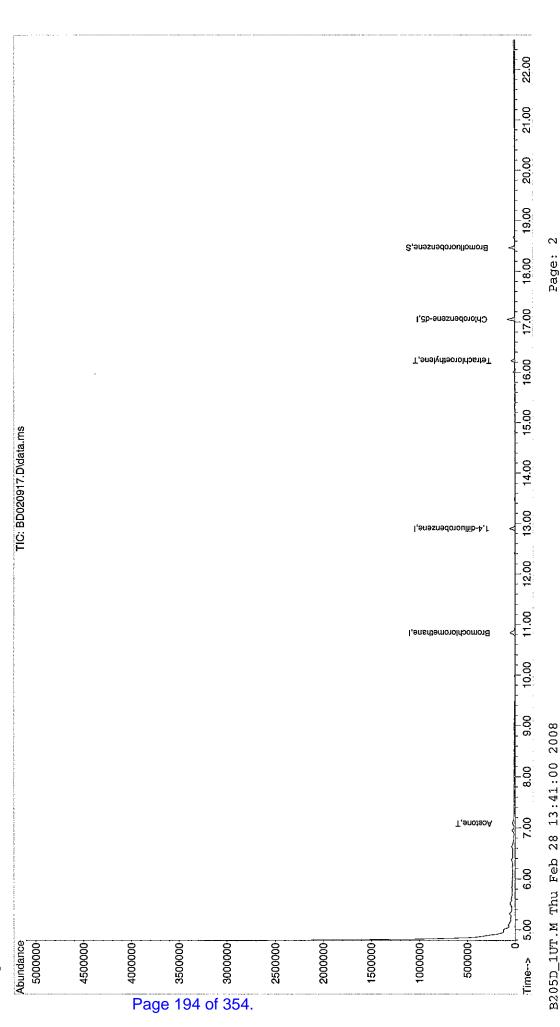
10 Feb 2008 Acq On

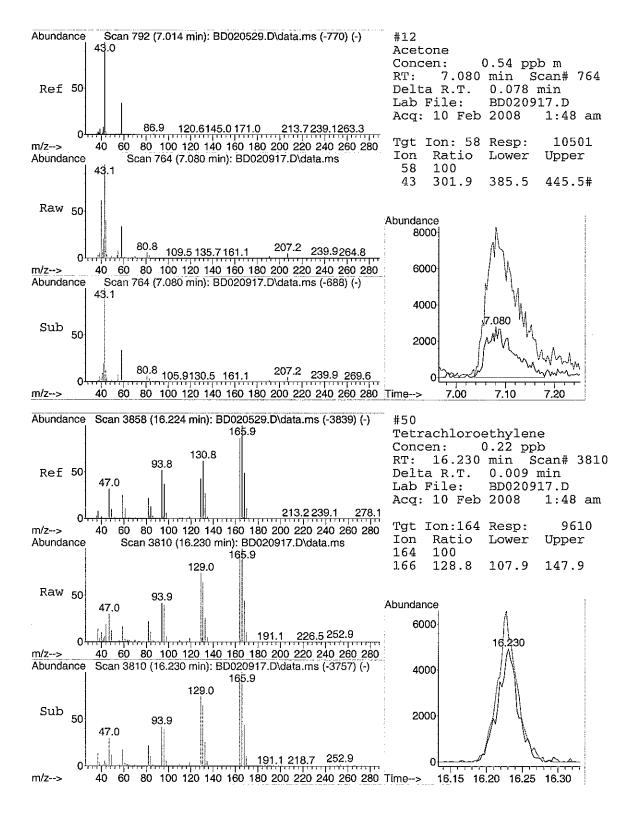
Operator

Sample

C0802002-005A 10X lugM3 & 0.25TCE, CT, VNCL 19 Sample Multiplier: 1 Misc ALS Vial

Quant Time: Feb 13 12:25:04 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008
Response via: Initial Calibration





Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVIOD

Lab Order:

C0802002

Tag Number: 415, 400

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-006A

Matrix: AIR

Analyses	Result	Limit Qua	Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-2		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Acetone	5.20	3.00	ppbV	10	2/10/2008 3:27:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Benzene	0.240	0.150	ppbV	1	2/10/2008 2:55:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Carbon disulfide	0.600	0.150	ppbV	1	2/10/2008 2:55:00 AM
Carbon tetrachloride	ND	0.0400	ppbV	1	2/10/2008 2:55:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
cis-1,2-Dichloroethene	0.190	0.150	ppbV	1	2/10/2008 2:55:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Cyclohexane	0.620	0.150	ppbV	1	2/10/2008 2:55:00 AM
Dibromochloromethane	0.020 ND	0.150	ppbV	1	2/10/2008 2:55:00 AM
Ethyl acetate	0.710	0.250	ppbV	1	2/10/2008 2:55:00 AM
Ethylbenzene	0.210	0.150	ppbV	1	2/10/2008 2:55:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVIOD

Lab Order:

C0802002

Tag Number: 415, 400

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-006A

Matrix: AIR

Freon 11 0.210 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 113 ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 114 ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 12 0.230 0.150 ppbV 1 2/10/2008 2:55:00 AM Heptane 0.110 0.150 J ppbV 1 2/10/2008 2:55:00 AM Hexachloro-1,3-butadiene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Hexane 0.520 0.150 ppbV 1 2/10/2008 2:55:00 AM Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl tert-butyl ether ND 0.300 ppbV 1	Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Freon 113 ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 114 ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 12 0.230 0.160 ppbV 1 2/10/2008 2:55:00 AM Heptane 0.110 0.150 J ppbV 1 2/10/2008 2:55:00 AM Hexachloro-1,3-butadiene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Hexachloro-1,3-butadiene 0.520 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Edd 0.520 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone ND 0.30	1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 114 ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Freon 12 0.230 0.150 ppbV 1 2/10/2008 2:55:00 AM Heptane 0.110 0.150 J ppbV 1 2/10/2008 2:55:00 AM Hexachloro-1,3-butadiene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Hexane 0.520 0.150 ppbV 1 2/10/2008 2:55:00 AM Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV<	Freon 11	0.210	0.150		ppbV	1	2/10/2008 2:55:00 AM
Freon 12 0.230 0.150 ppbV 1 2/10/2008 2:55:00 AM Heptane 0.110 0.150 J ppbV 1 2/10/2008 2:55:00 AM Hexachloro-1,3-butadiene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Hexane 0.520 0.150 ppbV 1 2/10/2008 2:55:00 AM Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150	Freon 113	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Heptane 0.110 0.150 J ppbV 1 2/10/2008 2:55:00 AM Hexachloro-1,3-butadiene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Hexane 0.520 0.150 ppbV 1 2/10/2008 2:55:00 AM Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.15	Freon 114	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Hexachloro-1,3-butadiene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Hexane 0.520 0.150 ppbV 1 2/10/2008 2:55:00 AM Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone 0.520 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND	Freon 12	0.230	0.150		ppbV	1	2/10/2008 2:55:00 AM
Hexane	Heptane	0.110	0.150	J	ppbV	1	2/10/2008 2:55:00 AM
Isopropyl alcohol ND 0.150 ppbV 1 2/10/2008 2:55:00 AM m&p-Xylene 0.520 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM O-Xylene 0.170 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 1 2/10/2008 2:55:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.150 ppbV 1 2/10/2008 2	Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
m&p-Xylene 0.520 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone 0.840 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl tert-butyl ether ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150	Hexane	0.520	0.150		ppbV	1	2/10/2008 2:55:00 AM
Methyl Butyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Ethyl Ketone 0.840 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl tert-butyl ether ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50	isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Methyl Ethyl Ketone 0.840 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl Isobutyl Ketone NID 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl tert-butyl ether NID 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM O-Xylene 0.170 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene NID 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran NID 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 1 2/10/2008 2:55:00 AM trans-1,2-Dichloroethene NID 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 pp	m&p-Xylene	0.520	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl Isobutyl Ketone ND 0.300 ppbV 1 2/10/2008 2:55:00 AM Methyl tert-butyl ether ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM o-Xylene 0.170 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 1 2/10/2008 2:55:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV <t< td=""><td>Methyl Butyl Ketone</td><td>ND</td><td>0.300</td><td></td><td>ppbV</td><td>1</td><td>2/10/2008 2:55:00 AM</td></t<>	Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methyl tert-butyl ether ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM o-Xylene 0.170 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 10 2/10/2008 2:55:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV	Methyl Ethyl Ketone	0.840	0.300		ppbV	1	2/10/2008 2:55:00 AM
Methylene chloride 0.200 0.150 ppbV 1 2/10/2008 2:55:00 AM o-Xylene 0.170 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 10 2/10/2008 2:55:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1	Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 2:55:00 AM
o-Xylene 0.170 0.150 ppbV 1 2/10/2008 2:55:00 AM Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 10 2/10/2008 2:55:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Propylene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 10 2/10/2008 3:27:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Methylene chloride	0.200	0.150		ppbV	1	2/10/2008 2:55:00 AM
Styrene 0.290 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 10 2/10/2008 3:27:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	o-Xylene	0.170	0.150		ppbV	1	2/10/2008 2:55:00 AM
Tetrachloroethylene 0.260 0.150 ppbV 1 2/10/2008 2:55:00 AM Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 10 2/10/2008 3:27:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Propylene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Tetrahydrofuran ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Toluene 2.30 1.50 ppbV 10 2/10/2008 3:27:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Styrene	0.290	0.150		ppbV	1	2/10/2008 2:55:00 AM
Toluene 2.30 1.50 ppbV 10 2/10/2008 3:27:00 AM trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Tetrachloroethylene	0.260	0.150		ppbV	1	2/10/2008 2:55:00 AM
trans-1,2-Dichloroethene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
trans-1,3-Dichloropropene ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Toluene	2.30	1.50		ppbV	10	2/10/2008 3:27:00 AM
Trichloroethene 0.130 0.0400 ppbV 1 2/10/2008 2:55:00 AM Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Vinyl acetate ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Vinyl Bromide ND 0.150 ppbV 1 2/10/2008 2:55:00 AM Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Trichloroethene	0.130	0.0400		ppbV	1	2/10/2008 2:55:00 AM
Vinyl chloride ND 0.0400 ppbV 1 2/10/2008 2:55:00 AM	Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
,	Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 2:55:00 AM
Surr: Bromofluorobenzene 92.0 70-130 %REC 1 2/10/2008 2:55:00 AM	Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 2:55:00 AM
	Surr: Bromofluorobenzene	92.0	70-130		%REC	1	2/10/2008 2:55:00 AM

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP6-SVIOD

Lab Order:

C0802002

Tag Number: 415, 400

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID: C0802002-006A

Matrix: AIR

FIELD PARAMETERS	Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
Name	FIELD PARAMETERS		FLD			Analyst:
1,1,1-Trichloroethane ND 0.832 ug/m3 1 2/10/2008 z:55:00 AM 1,1,2,2-Teltachloroethane ND 0.832 ug/m3 1 2/10/2008 z:55:00 AM 1,1,2-Trichloroethane ND 0.832 ug/m3 1 2/10/2008 z:55:00 AM 1,1-Dichloroethane ND 0.605 ug/m3 1 2/10/2008 z:55:00 AM 1,2-4-Triloflorobenzene ND 0.113 ug/m3 1 2/10/2008 z:55:00 AM 1,2-4-Triloflorobenzene ND 0.749 ug/m3 1 2/10/2008 z:55:00 AM 1,2-Dichloromethane ND 0.917 ug/m3 1 2/10/2008 z:55:00 AM 1,2-Dichloroethane ND 0.917 ug/m3 1 2/10/2008 z:55:00 AM 1,2-Dichloroethane ND 0.750 ug/m3 1 2/10/2008 z:55:00 AM 1,2-Dichloroptopane ND 0.750 ug/m3 1 2/10/2008 z:55:00 AM 1,3-Butadiene ND 0.750 ug/m3 1 2/10/2008 z:55:00 AM 1,4-Dichlorobenzene ND	Vacuum Reading "Hg	0	0	ug/m3		1/30/2008
1,1,2,2-Tetrachloroethane	1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-1	5		Analyst: LL
1,1,2-Trichloroethane	1,1,1-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethane	1,1,2,2-Tetrachloroethane	ND	1.05	ug/m3	1	2/10/2008 2:55:00 AM
1,1-Dichloroethene	1,1,2-Trichloroethane	ND	0.832	ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trichlorobenzene ND 1.13 ug/m3 1 2/10/2008 2:55:00 AM 1,2,4-Trimethylbenzene ND 0.749 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichloroethane ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichloropropane ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-bitaloine ND 0.337 ug/m3 1 2/10/2008 2:55:00 AM 1,3-bitalorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dicklorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dicklorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 2,2,4-trimethylpentane ND	1,1-Dichloroethane	ND	0.617	ug/m3	1	2/10/2008 2:55:00 AM
1,2,4-Trimethylbenzene ND 0.749 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dibromoethane ND 1.17 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichloropropane ND 0.617 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dichlorobenzene ND 0.755 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dichlorobenzene ND 0.755 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 4-ethytlouene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethytlouene ND 0.750 <td>1,1-Dichloroethene</td> <td>ND</td> <td>0.605</td> <td>ug/m3</td> <td>1</td> <td>2/10/2008 2:55:00 AM</td>	1,1-Dichloroethene	ND	0.605	ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane	1,2,4-Trichlorobenzene	ND	1.13	-	1	2/10/2008 2:55:00 AM
1,2-Dibromoethane ND 1.17 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichloropthane ND 0.617 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichloropropane ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dithlorobenzene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750	1,2,4-Trimethylbenzene	ND	0.749	ug/m3	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane ND 0.617 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichloropropane ND 0.705 ug/m3 1 2/10/2008 2:55:00 AM 1,3-5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dichlorobenzene ND 0.337 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 4,-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Allyl chloride ND 0.477 <td>1,2-Dibromoethane</td> <td>ND</td> <td>1.17</td> <td>-</td> <td>1</td> <td>2/10/2008 2:55:00 AM</td>	1,2-Dibromoethane	ND	1.17	-	1	2/10/2008 2:55:00 AM
1,2-Dichloroethane ND 0.617 ug/m3 1 2/10/2008 2:55:00 AM 1,2-Dichloropropane ND 0.705 ug/m3 1 2/10/2008 2:55:00 AM 1,3-5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-butadiene ND 0.937 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Acetone 12.6 7.24 <th< td=""><td>1,2-Dichlorobenzene</td><td>ND</td><td>0.917</td><td>ug/m3</td><td>1</td><td>2/10/2008 2:55:00 AM</td></th<>	1,2-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-butadiene ND 0.337 ug/m3 1 2/10/2008 2:55:00 AM 1,3-bithlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dioxane ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 2,2,4-trimethylpentane ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Acetone 12.6 7.24 ug/m3 10 2/10/2008 2:55:00 AM Acetone 12.6 7.24 ug/m3 1 2/10/2008 2:55:00 AM Benzel 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzel chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 0.877 ug/m3 <t< td=""><td>1,2-Dichloroethane</td><td>ND</td><td>0.617</td><td>=</td><td>1</td><td>2/10/2008 2:55:00 AM</td></t<>	1,2-Dichloroethane	ND	0.617	=	1	2/10/2008 2:55:00 AM
1,3,5-Trimethylbenzene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 1,3-butadlene ND 0.337 ug/m3 1 2/10/2008 2:55:00 AM 1,3-bithlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dibnlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dioxane ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 2,2,4-trimethylpentane ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltolioride ND 0.777 ug/m3 1 2/10/2008 2:55:00 AM Actone 12.6 7.24 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 0.877 ug/m3	1,2-Dichloropropane	ND	0.705	ug/m3	1	2/10/2008 2:55:00 AM
1,3-butadiene ND 0.337 ug/m3 1 2/10/2008 2:55:00 AM 1,3-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dichlorobenzene ND 0.917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dioxane ND 1.10 ug/m3 1 2/10/2008 2:55:00 AM 2,2,4-trimethylpentane ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Actone 12.6 7.24 ug/m3 1 2/10/2008 2:55:00 AM Actone 12.6 7.24 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10		ND	0.750	ug/m3	1	2/10/2008 2:55:00 AM
1,4-Dichlorobenzene ND 0,917 ug/m3 1 2/10/2008 2:55:00 AM 1,4-Dioxane ND 1.10 ug/m3 1 2/10/2008 2:55:00 AM 2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Acetone 12.6 7.24 ug/m3 10 2/10/2008 2:55:00 AM Ally chloride ND 0.477 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromodorm ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.475 ug/m3 1	1,3-butadiene	ND	0.337	-	1	2/10/2008 2:55:00 AM
1,4-Dioxane ND 1.10 ug/m3 1 2/10/2008 2:55:00 AM 2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Acetone 12.6 7.24 ug/m3 10 2/10/2008 2:55:00 AM Ally chloride ND 0.477 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzene ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Benzene ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Benzene ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55	1,3-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 2:55:00 AM
2,2,4-trimethylpentane ND 0.712 ug/m3 1 2/10/2008 2:55:00 AM 4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Acetone 12.6 7.24 ug/m3 10 2/10/2008 3:27:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroferm ND 0.402	1,4-Dichlorobenzene	ND	0.917	ug/m3	1	2/10/2008 2:55:00 AM
4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Acetone 12.6 7.24 ug/m3 10 2/10/2008 3:27:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroethane ND 0.402 ug/m3 1	1,4-Dioxane	ND	1.10	ug/m3	1	2/10/2008 2:55:00 AM
4-ethyltoluene ND 0.750 ug/m3 1 2/10/2008 2:55:00 AM Acetone 12.6 7.24 ug/m3 10 2/10/2008 3:27:00 AM Allyl chloride ND 0.477 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chlorofethane ND 0.402 ug/m3 1	2,2,4-trimethylpentane	ND	0.712	ug/m3	1	2/10/2008 2:55:00 AM
Allyl chloride ND 0.477 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 <t< td=""><td>4-ethyltoluene</td><td>ND</td><td>0.750</td><td>-</td><td>1</td><td>2/10/2008 2:55:00 AM</td></t<>	4-ethyltoluene	ND	0.750	-	1	2/10/2008 2:55:00 AM
Allyl chloride ND 0.477 ug/m3 1 2/10/2008 2:55:00 AM Benzene 0.779 0.487 ug/m3 1 2/10/2008 2:55:00 AM Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 <t< td=""><td>Acetone</td><td>12.6</td><td>7.24</td><td>ug/m3</td><td>10</td><td>2/10/2008 3:27:00 AM</td></t<>	Acetone	12.6	7.24	ug/m3	10	2/10/2008 3:27:00 AM
Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 2:55:00 AM Cis-1,2-Dichloroethene 0.766 0.604 ug/m3 1 2/10/2008 2:55:00 AM Cyclohexane 2.17 0.525 ug/m3 1 </td <td>Allyl chloride</td> <td>ND</td> <td>0.477</td> <td>-</td> <td>1</td> <td>2/10/2008 2:55:00 AM</td>	Allyl chloride	ND	0.477	-	1	2/10/2008 2:55:00 AM
Benzyl chloride ND 0.877 ug/m3 1 2/10/2008 2:55:00 AM Bromodichloromethane ND 1.02 ug/m3 1 2/10/2008 2:55:00 AM Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 2:55:00 AM Cis-1,2-Dichloroethene 0.766 0.604 ug/m3 1 2/10/2008 2:55:00 AM Cis-1,3-Dichloropropene ND 0.692 ug/m3	Benzene	0.779	0.487	ug/m3	1	2/10/2008 2:55:00 AM
Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 2:55:00 AM Chloroptopene 0.766 0.604 ug/m3 1 2/10/2008 2:55:00 AM Cis-1,2-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 2:55:00 AM Cyclohexane 2.17 0.525 ug/m3 1 2/10/2008 2:55:00 AM Dibromochloromethane ND 1.30 ug/m3 1<	Benzyl chloride	ND	0.877	=	1	2/10/2008 2:55:00 AM
Bromoform ND 1.58 ug/m3 1 2/10/2008 2:55:00 AM Bromomethane ND 0.592 ug/m3 1 2/10/2008 2:55:00 AM Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 2:55:00 AM Chloroptopene 0.766 0.604 ug/m3 1 2/10/2008 2:55:00 AM cis-1,2-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 2:55:00 AM Cyclohexane 2.17 0.525 ug/m3 1 2/10/2008 2:55:00 AM Dibromochloromethane ND 1.30 ug/m3 1<	Bromodichloromethane	ND	1.02	ug/m3	1	2/10/2008 2:55:00 AM
Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 2:55:00 AM cis-1,2-Dichloroethene 0.766 0.604 ug/m3 1 2/10/2008 2:55:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 2:55:00 AM Cyclohexane 2.17 0.525 ug/m3 1 2/10/2008 2:55:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 2:55:00 AM Ethyl acetate 2.60 0.916 ug/m3 1 2/10/2008 2:55:00 AM	Bromoform	ND	1.58	-	1	2/10/2008 2:55:00 AM
Carbon disulfide 1.90 0.475 ug/m3 1 2/10/2008 2:55:00 AM Carbon tetrachloride ND 0.256 ug/m3 1 2/10/2008 2:55:00 AM Chlorobenzene ND 0.702 ug/m3 1 2/10/2008 2:55:00 AM Chloroethane ND 0.402 ug/m3 1 2/10/2008 2:55:00 AM Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 2:55:00 AM cis-1,2-Dichloroethene 0.766 0.604 ug/m3 1 2/10/2008 2:55:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 2:55:00 AM Cyclohexane 2.17 0.525 ug/m3 1 2/10/2008 2:55:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 2:55:00 AM Ethyl acetate 2.60 0.916 ug/m3 1 2/10/2008 2:55:00 AM	Bromomethane	ND	0.592	ug/m3	1	2/10/2008 2:55:00 AM
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Chloroform ND 0.744 ug/m3 1 2/10/2008 2:55:00 AM Chloromethane ND 0.315 ug/m3 1 2/10/2008 2:55:00 AM cis-1,2-Dichloroethene 0.766 0.604 ug/m3 1 2/10/2008 2:55:00 AM cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 2:55:00 AM Cyclohexane 2.17 0.525 ug/m3 1 2/10/2008 2:55:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 2:55:00 AM Ethyl acetate 2.60 0.916 ug/m3 1 2/10/2008 2:55:00 AM	Chloroethane	ND	0.402	_	1	2/10/2008 2:55:00 AM
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cis-1,3-Dichloropropene ND 0.692 ug/m3 1 2/10/2008 2:55:00 AM Cyclohexane 2.17 0.525 ug/m3 1 2/10/2008 2:55:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 2:55:00 AM Ethyl acetate 2.60 0.916 ug/m3 1 2/10/2008 2:55:00 AM	cis-1,2-Dichloroethene	0.766		-	1	
Cyclohexane 2.17 0.525 ug/m3 1 2/10/2008 2:55:00 AM Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 2:55:00 AM Ethyl acetate 2.60 0.916 ug/m3 1 2/10/2008 2:55:00 AM	·			=	1	
Dibromochloromethane ND 1.30 ug/m3 1 2/10/2008 2:55:00 AM Ethyl acetate 2.60 0.916 ug/m3 1 2/10/2008 2:55:00 AM				•		
Ethyl acetate 2.60 0.916 ug/m3 1 2/10/2008 2:55:00 AM	•			-		
, ·						
	Ethylbenzene	0.927	0.662	ug/m3	1	2/10/2008 2:55:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- $JN \quad \ Non-routine \ analyte. \ Quantitation \ estimated.$
 - S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

Client Sample ID: 828149-GP6-SVIOD

Tag Number: 415, 400 Collection Date: 1/30/2008

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-006A

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL	
Freon 11	1.20	0.857		ug/m3	1	2/10/2008 2:55:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 2:55:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 2:55:00 AM
Freon 12	1.16	0.754		ug/m3	1	2/10/2008 2:55:00 AM
Heptane	0.458	0.625	J	ug/m3	1	2/10/2008 2:55:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 2:55:00 AM
Hexane	1.86	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 2:55:00 AM
m&p-Xylene	2.30	1.32		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Ethyl Ketone	2.52	0.899		ug/m3	1	2/10/2008 2:55:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 2:55:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 2:55:00 AM
Methylene chloride	0.706	0.530		ug/m3	1	2/10/2008 2:55:00 AM
o-Xylene	0.750	0.662		ug/m3	1	2/10/2008 2:55:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 2:55:00 AM
Styrene	1.26	0.649		ug/m3	1	2/10/2008 2:55:00 AM
Tetrachloroethylene	1.79	1.03		ug/m3	1	2/10/2008 2:55:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 2:55:00 AM
Toluene	8.81	5.75		ug/m3	10	2/10/2008 3:27:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 2:55:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 2:55:00 AM
Trichloroethene	0.710	0.218		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 2:55:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 2:55:00 AM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit ND

2:55 am

: C0802002-006A

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 10:46:39 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Unit	s De	v(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.836 12.895 17.047	114	24494 61373 75114	1.00 pg 1.00 pg 1.00 pg	b	# 0.02 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.461 Range 70		35234 Recove	0.92 pp ry = 9	b 2.00	0.00
Target Compounds					Q	value
3) Freon 12	5.024	85	52560	0.23 pp		100
11) Freon 11	6.843	101	45034	0.21 pp	b	97
12) Acetone	7.038		83755	4.22 pp		90
16) Methylene chloride	8.089		9384	0.20 pp		88
18) Carbon disulfide	8.272		81006	0.60 pp		100
23) Methyl Ethyl Ketone	10.007		62072	0.84 pp		81
24) cis-1,2-dichloroethene	10.386		7313	0.19 pp		86
25) Hexane	9.995		19605	0.52 pp		
26) Ethyl acetate	10.587		37193	0.71 pp		95
32) Cyclohexane	12.397		22468	0.62 pp		
34) Benzene	12.307		22692	0.24 pp		95
37) Heptane	13.349	43	4581	0.11 pp		
38) Trichloroethene	13.487		6360	0.13 pp		100
45) Toluene	15.312	92	273987	4.26 pp		98
50) Tetrachloroethylene	16.230		14893	0.26 pp		99
52) Ethylbenzene	17.311	91	24800	0.21 pp		99
53) m&p-xylene	17.461		58072	0.52 pp		96
54) Styrene	17.866		18774	0.29 pp		91
56) o-xylene	17.897	91	20708	0.17 pp	D	98

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

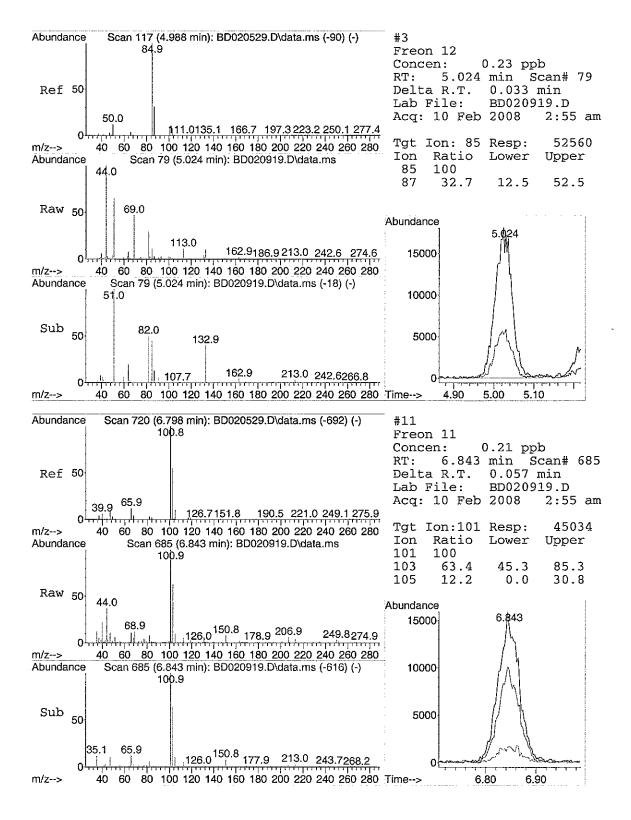
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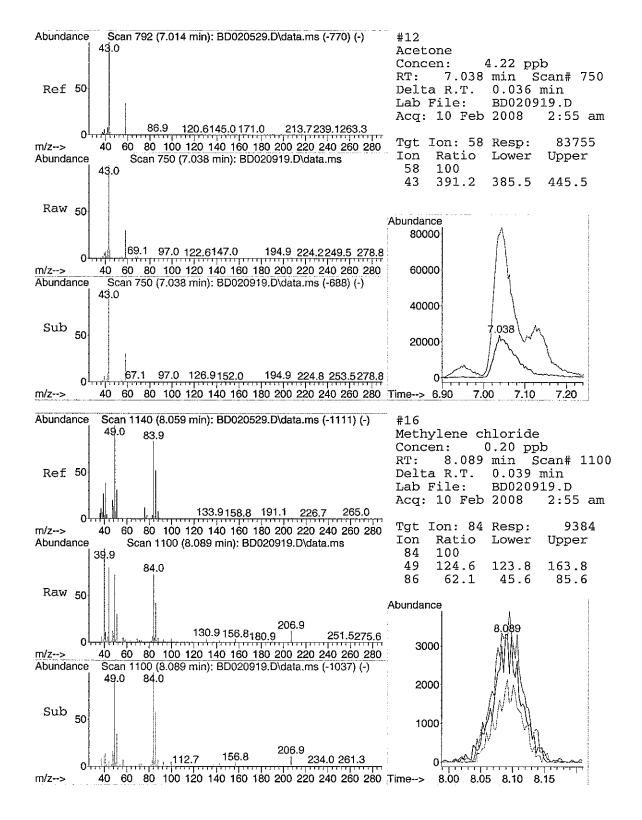
21.00

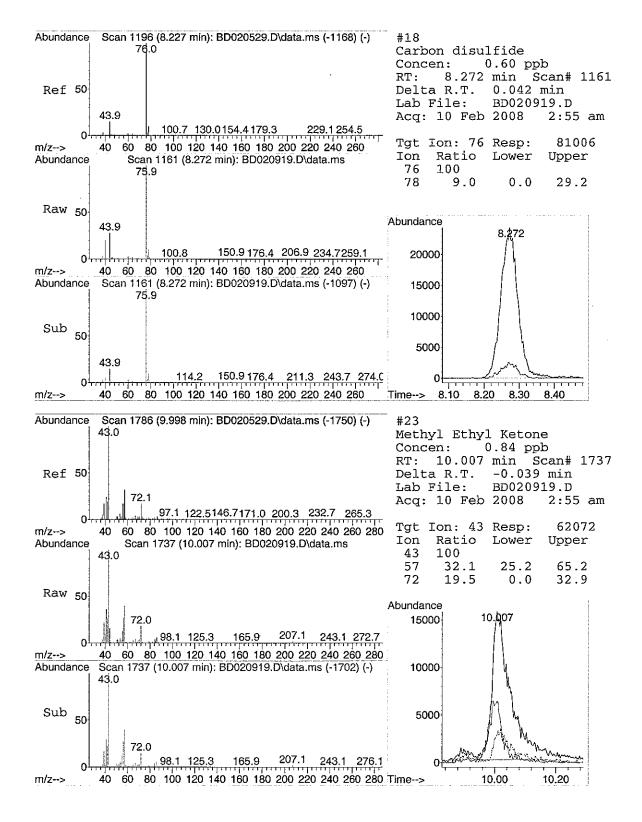
20.00

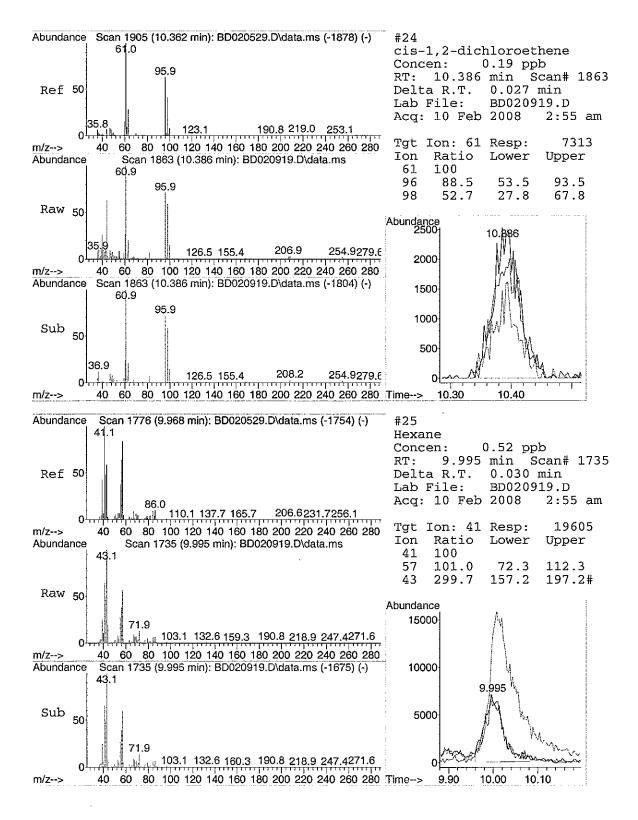
Page:

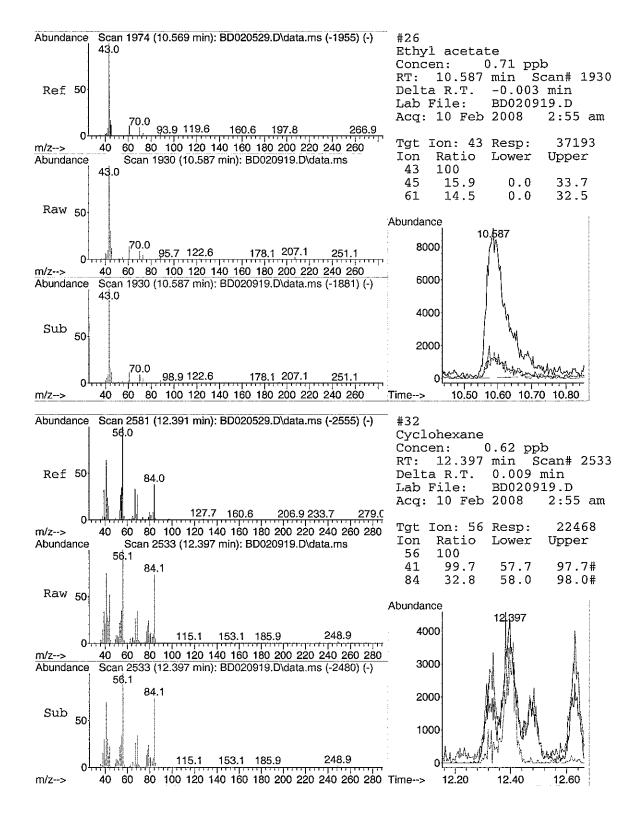
19.00 S.eneznedoroultomor8 18.00 TT###XXIA Ethylbenzene,T m&p-xylene,T 17.00 Chlorobenzene-d5,1 Tetrachloroethylene,T 16.00 T, en eu lo T 15.00 TIC: BD020919.D\data.ms 14.00 Heptane,T Trichloroethene,T 13.00 : C:\msdchem\l\METHODS\B205D_lUT.M : TO-15 VOA Standards for 5 point calibration : Wed Feb 06 11:50:55 2008 : Initial Calibration 1,4-difluorobenzene,1 T,enExelloSig5 12.00 11.00 Bromochloromethane,I T,s-dichloroethene,T,E-dichloroethene,T,E-dichlore 10.00 T,enote≯l Ketone,T 1ugM3 & 0.25TCE, CT, VNCL 10 Sample Multiplier: 1 9.00 2:55 am Quant Time: Feb 13 10:46:39 2008 C:\msdchem\1\DATA\ Methylene chloride,T Carbon disulfide,T 8.00 C0802002-006A BD020919.D 10 Feb 2008 7.00 T,ff nosta T,enotecA 6.00 Quant Method: Response via QLast Update Quant Title 5.00 Data File Data Path Treon 12,T Operator ALS Vial 7000000 1e+07 2000000 Abundance 1.4e+07 1.3e+07 1.2e+07 1.1e+07 0000006 0000000 0000009 5000000 4000000 3000000 Sample 1000000 Acq On Time--> Misc Page 201 of 354.

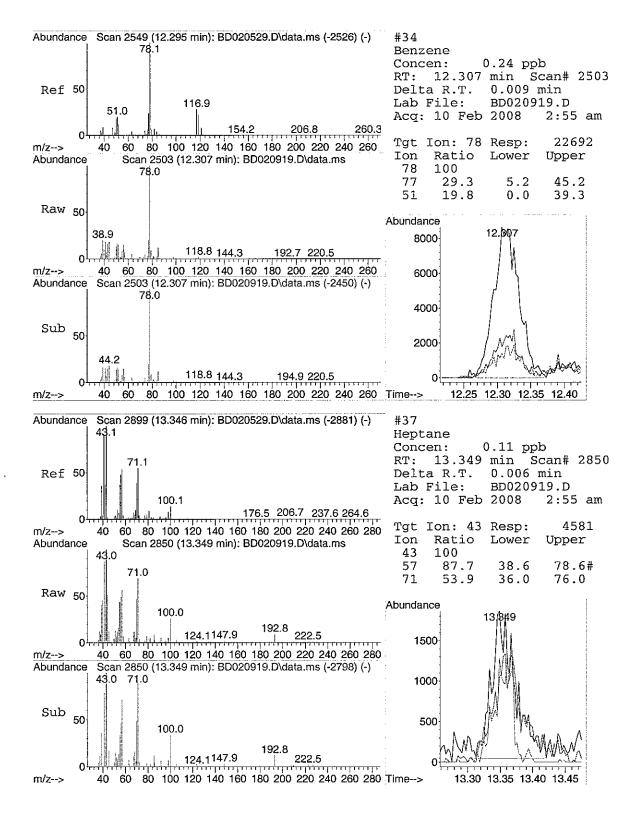


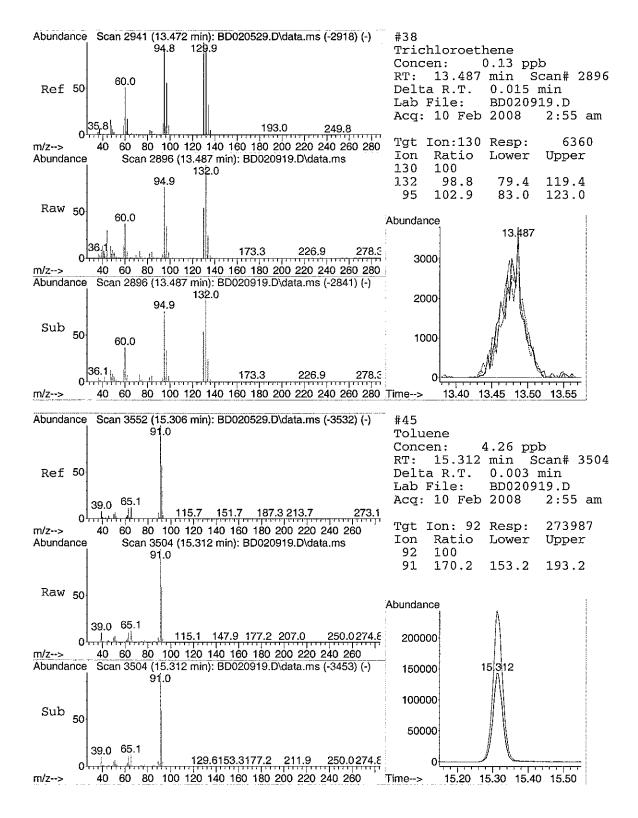


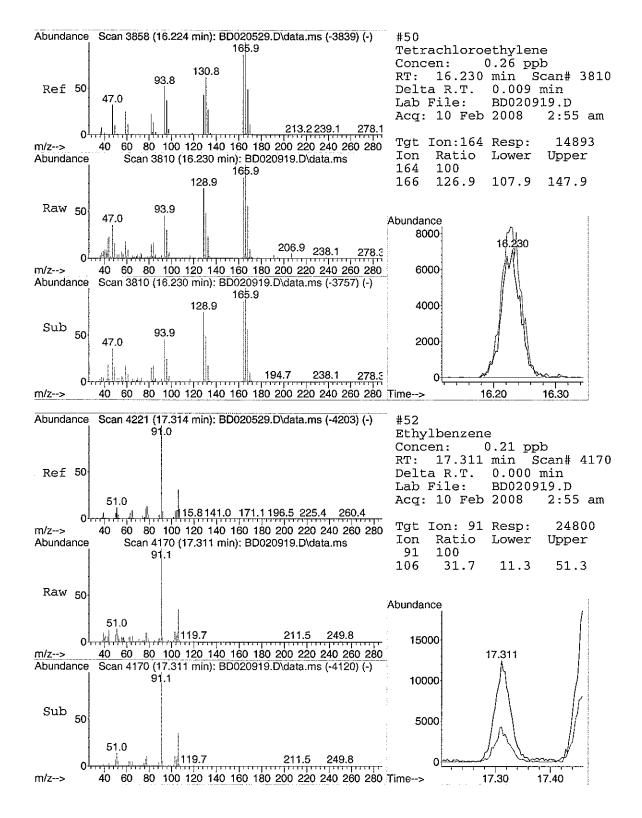


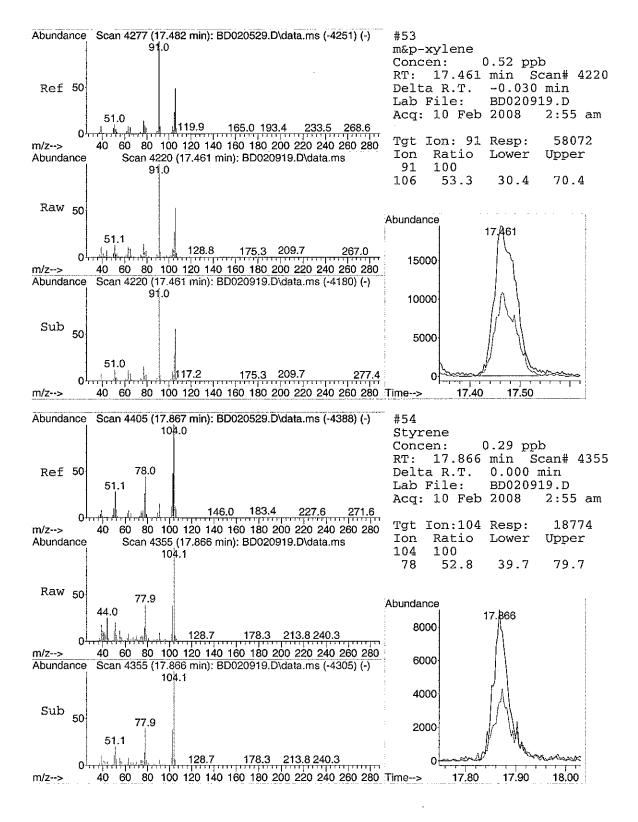


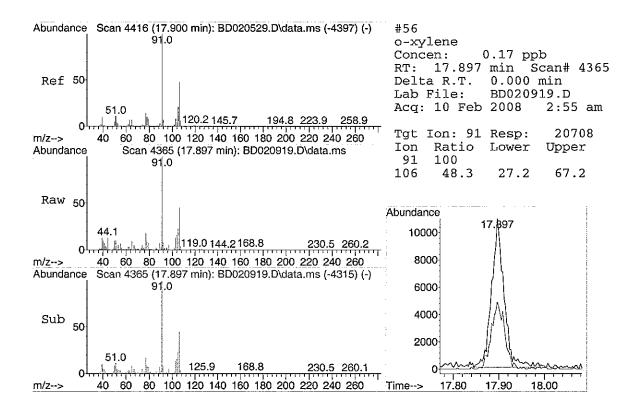












Data Path : C:\msdchem\1\DATA\

Data File : BD020920.D

Acq On : 10 Feb 2008 Operator : 3:27 am

Sample : C0802002-006A 10X

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 13 12:29:37 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.836 12.898 17.047	128 114 117	23183 51704 57773	1.00 ppb 1.00 ppb 1.00 ppb	# 0.02 0.01 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70		22398 Recovei	0.76 ppb cy = 76	
Target Compounds 12) Acetone	7.095	58	9792	2.1. 0.52 ppb	Qvalue
45) Toluene	15.312	92	11441	0.32 ppb 0.23 ppb	95

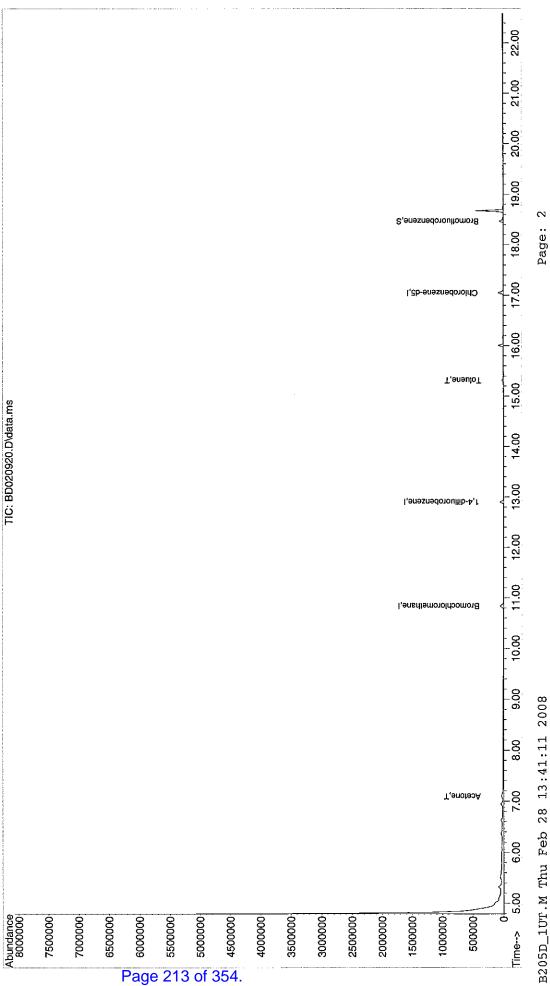
^{(#) =} qualifier out of range (m) = manual integration (+) = signals summed

```
am
                  3:27
C:\msdchem\1\DATA\
                  10 Feb 2008
         BD020920.D
Data Path
Data File
                   Acq On
```

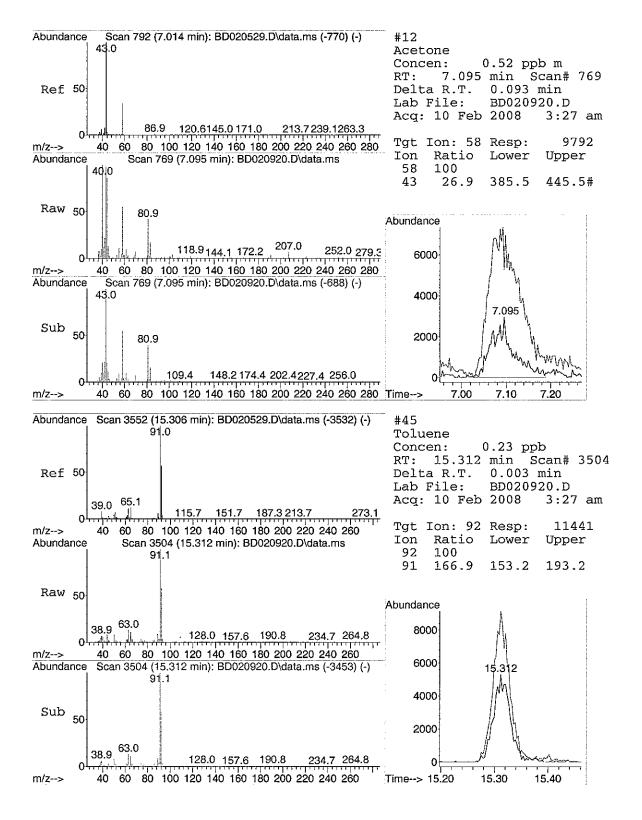
C0802002-006A 10X 1ugM3 & 0.25TCE, CT, VNCL 10 Sample Multiplier: 1 Operator Sample Misc

ALS Vial

Quant Time: Feb 13 12:29:37 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008
Response via: Initial Calibration



B205D_1UT.M Thu Feb 28 13:41:11 2008



Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP8-SVI

Lab Order:

C0802002

Tag Number: 412, 63 Collection Date: 1/30/2008

Project:

CDM/G0143

Lab ID:

C0802002-007A

Matrix: AIR

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-2		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.150	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Acetone	3.40	3.00	ppbV	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Benzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.150	0.150	ppbV	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.0400	ppbV	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.240	0.250 J		1	2/10/2008 4:34:00 AM
Ethylbenzene	0.270	0.150	ppbV	1	2/10/2008 4:34:00 AM

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP8-SVI

Lab Order:

C0802002

Tag Number: 412, 63

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-007A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 11	0.120	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Freon 12	0.260	0.150		ppbV	1	2/10/2008 4:34:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Hexane	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
m&p-Xylene	0.860	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	1.21	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Methylene chloride	0.140	0.150	J	ppbV	1	2/10/2008 4:34:00 AM
o-Xylene	0.300	0.150		ppbV	1	2/10/2008 4:34:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Styrene	0.690	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	0.180	0.150		ppbV	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Toluene	6.10	1.50		ppbV	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Trichloroethene	0.0400	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.0400		ppbV	1	2/10/2008 4:34:00 AM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	2/10/2008 4:34:00 AM

On	~1	:	
3 7 11	и	111	100

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT: MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP8-SVI

Lab Order:

C0802002

Tag Number: 412, 63

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-007A

Matrix: AIR

Analyses	Result	Limit (Qual U	Inits	DF	Date Analyzed
FIELD PARAMETERS		FLI	D			Analyst:
Vacuum Reading "Hg	0	0	u	g/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-	15			Analyst: LL
1,1,1-Trichloroethane	ND	0.832	u	g/m3	1	2/10/2008 4:34:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05	u	g/m3	1	2/10/2008 4:34:00 AM
1,1,2-Trichloroethane	ND	0.832	u	g/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethane	ND	0.617	u	g/m3	1	2/10/2008 4:34:00 AM
1,1-Dichloroethene	ND	0.605	u	g/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trichlorobenzene	ND	1.13	u,	g/m3	1	2/10/2008 4:34:00 AM
1,2,4-Trimethylbenzene	0.749	0.749	U(g/m3	1	2/10/2008 4:34:00 AM
1,2-Dibromoethane	ND	1.17	u	g/m3	1	2/10/2008 4:34:00 AM
1,2-Dichlorobenzene	ND	0.917	u	g/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloroethane	ND	0.617	u	g/m3	1	2/10/2008 4:34:00 AM
1,2-Dichloropropane	ND	0.705	u	g/m3	1	2/10/2008 4:34:00 AM
1,3,5-Trimethylbenzene	ND	0.750		g/m3	1	2/10/2008 4:34:00 AM
1,3-butadiene	ND	0.337	u	g/m3	1	2/10/2008 4:34:00 AM
1,3-Dichlorobenzene	ND	0.917	u	g/m3	1	2/10/2008 4:34:00 AM
1,4-Dichlorobenzene	ND	0.917	Uș	g/m3	1	2/10/2008 4:34:00 AM
1,4-Dioxane	ND	1.10	u	g/m3	1	2/10/2008 4:34:00 AM
2,2,4-trimethylpentane	ND	0.712	u	g/m3	1	2/10/2008 4:34:00 AM
4-ethyltoluene	ND	0.750	U;	g/m3	1	2/10/2008 4:34:00 AM
Acetone	8.21	7.24	u	g/m3	10	2/10/2008 5:07:00 AM
Allyl chloride	ND	0.477	u	g/m3	1	2/10/2008 4:34:00 AM
Benzene	ND	0.487	u	g/m3	1	2/10/2008 4:34:00 AM
Benzyl chloride	ND	0.877	U	g/m3	1	2/10/2008 4:34:00 AM
Bromodichloromethane	ND	1.02	u	g/m3	1	2/10/2008 4:34:00 AM
Bromoform	ND	1.58	u	g/m3	1	2/10/2008 4:34:00 AM
Bromomethane	ND	0.592	u	g/m3	1	2/10/2008 4:34:00 AM
Carbon disulfide	0.475	0.475	LI:	g/m3	1	2/10/2008 4:34:00 AM
Carbon tetrachloride	ND	0.256	u _i	g/m3	1	2/10/2008 4:34:00 AM
Chlorobenzene	ND	0.702	U.	g/m3	1	2/10/2008 4:34:00 AM
Chloroethane	ND	0.402	u.	g/m3	1	2/10/2008 4:34:00 AM
Chloroform	ND	0.744		g/m3	1	2/10/2008 4:34:00 AM
Chloromethane	ND	0.315		g/m3	1	2/10/2008 4:34:00 AM
cis-1,2-Dichloroethene	ND	0.604		g/m3	1	2/10/2008 4:34:00 AM
cis-1,3-Dichloropropene	ND	0.692		g/m3	1	2/10/2008 4:34:00 AM
Cyclohexane	ND	0.525		g/m3	1	2/10/2008 4:34:00 AM
Dibromochloromethane	ND	1.30		g/m3	1	2/10/2008 4:34:00 AM
Ethyl acetate	0.879	0.916		g/m3	1	2/10/2008 4:34:00 AM
Ethylbenzene	1.19	0.662		g/m3	1	2/10/2008 4:34:00 AM

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Client Sample ID: 828149-GP8-SVI

Lab Order:

C0802002

Tag Number: 412, 63

Project:

CDM/G0143

Collection Date: 1/30/2008

Lab ID:

C0802002-007A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		тс	-15		Analyst: LL	
Freon 11	0.685	0.857	J	ug/m3	1	2/10/2008 4:34:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 4:34:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 4:34:00 AM
Freon 12	1.31	0.754		ug/m3	1	2/10/2008 4:34:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 4:34:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 4:34:00 AM
Hexane	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 4:34:00 AM
m&p-Xylene	3.80	1.32		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Ethyl Ketone	3.63	0.899		ug/m3	1	2/10/2008 4:34:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 4:34:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 4:34:00 AM
Methylene chloride	0.494	0.530	J	ug/m3	1	2/10/2008 4:34:00 AM
o-Xylene	1.32	0.662		ug/m3	1	2/10/2008 4:34:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 4:34:00 AM
Styrene	2.99	0.649		ug/m3	1	2/10/2008 4:34:00 AM
Tetrachloroethylene	1.24	1.03		ug/m3	1	2/10/2008 4:34:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 4:34:00 AM
Toluene	23.4	5.75		ug/m3	10	2/10/2008 5:07:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 4:34:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 4:34:00 AM
Trichloroethene	0.218	0.218		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 4:34:00 AM
Vinyl chloride	ND	0.104		ug/m3	1	2/10/2008 4:34:00 AM

On	al	if	ïΔ	re

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

 $JN \quad \ Non-routine \ analyte. \ Quantitation \ estimated.$

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Data Path : C:\msdchem\1\DATA\

Data File : BD020922.D

Acq On : 10 Feb 2008 Operator : 4:34 am

Sample : C0802002-007A

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 11:06:27 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.839 12.898 17.053	114	22400 51932 68147	1.00 1.00 1.00	ppb		0.02 0.01 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70					.00%	0.00
Target Compounds						Qva:	lue
3) Freon 12	5.033		53030	0.26			97
11) Freon 11	6.852	-	24603	0.12			98
12) Acetone	7.068			2.95			81
16) Methylene chloride			5899	0.14		#	71
18) Carbon disulfide	8.284						91
23) Methyl Ethyl Ketone	10.013		82163	1.21		#	54
26) Ethyl acetate	10.620		11493	0.24			82
38) Trichloroethene	13.487			0.04	ppb	#	76
45) Toluene	15.312	•	775164	13.28			95
50) Tetrachloroethylene	16.221		9519	0.18			96
52) Ethylbenzene	17.311	-		0.27			94
53) m&p-xylene	17.467			0.86			99
54) Styrene	17.873	-		0.69			85
56) o-xylene	17.900			0.30			100
61) 1,2,4-trimethylbenzene	19.380	105	11346	0.15	ppb		97

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

C0802002-007A lugM3 & 0.25TCE, CT, VNCL 11 Sample Multiplier: 1

4:34

BD020922.D 10 Feb 2008

> Operator Sample

Acq On

ALS Vial

Misc

C:\msdchem\1\DATA\

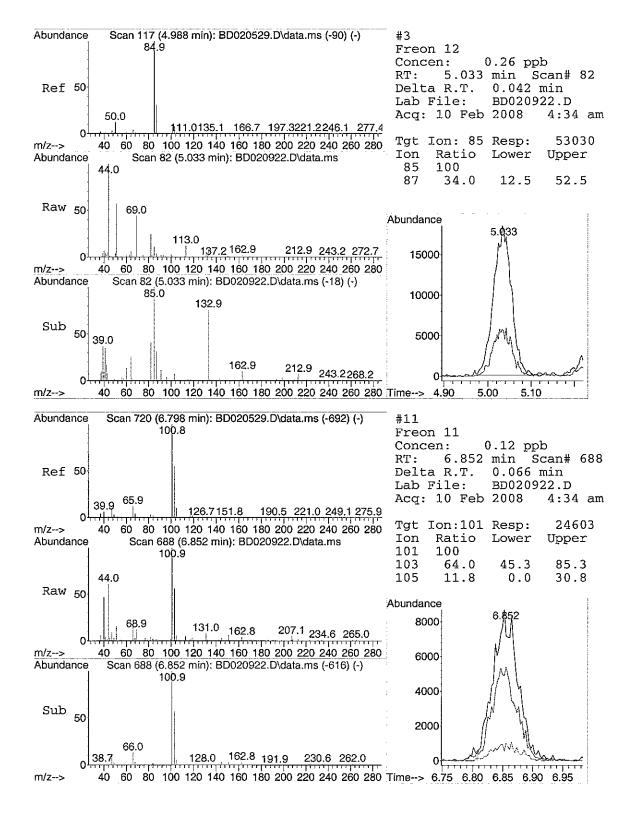
Data Path Data File Quant Time: Feb 13 11:06:27 2008

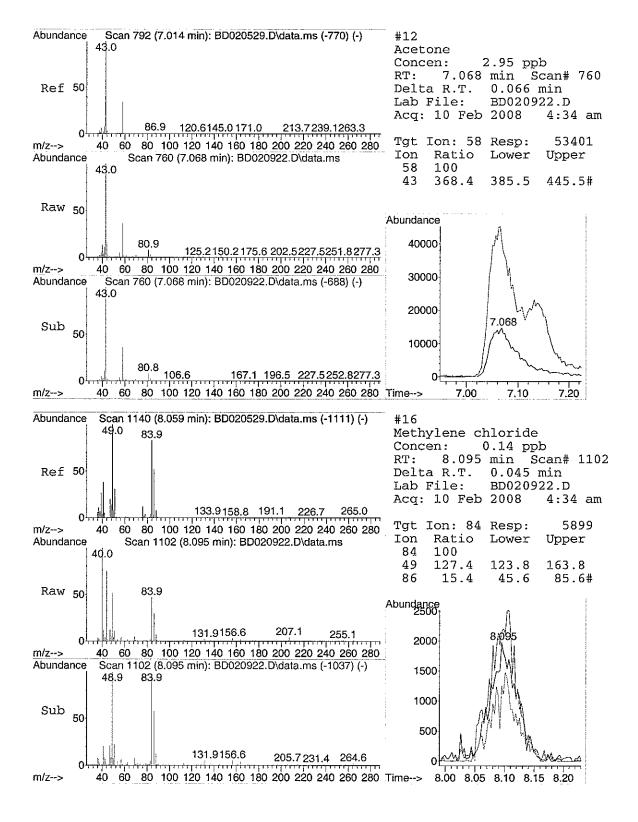
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                                                                                                                                                                                                                      Trichloroethene,T
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Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008
Response via: Initial Calibration
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                                                                                  Page 220 of 354.
```

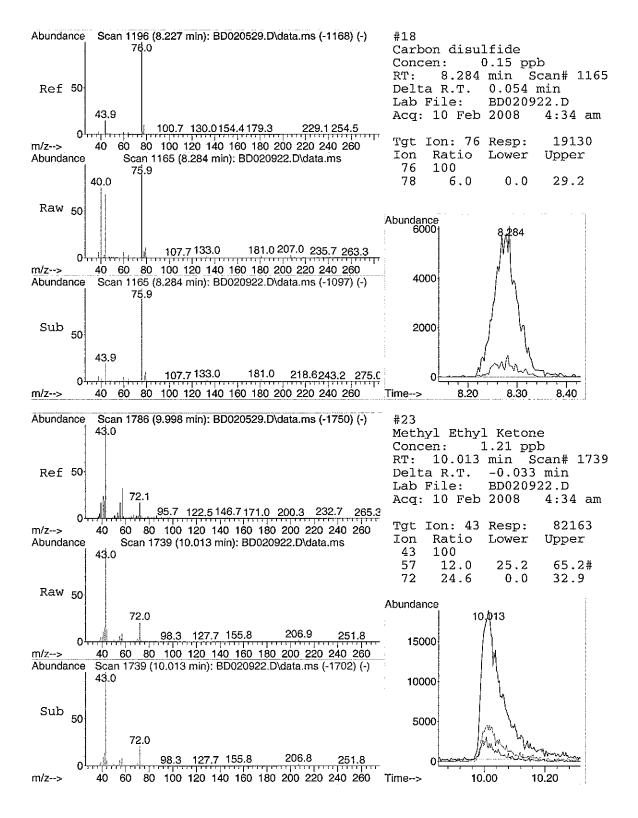
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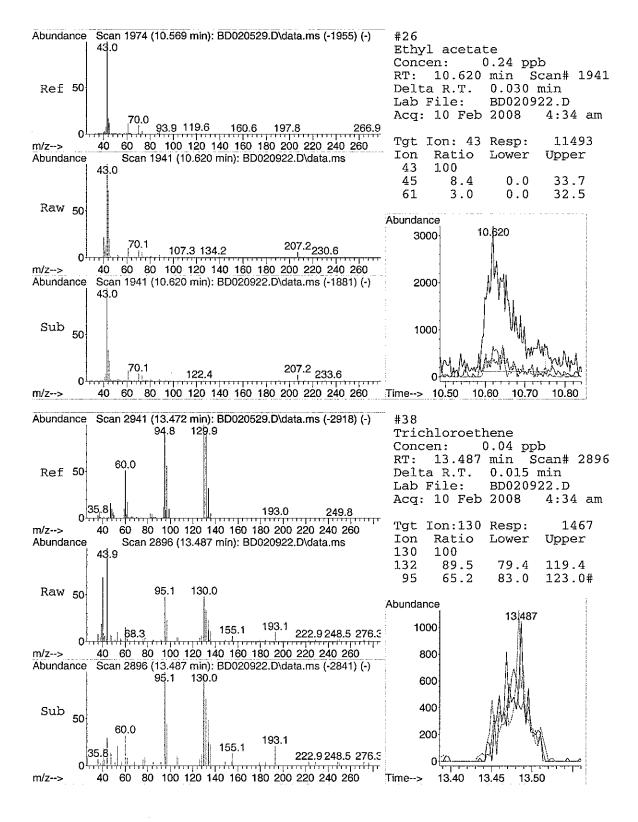
28 13:41:17 2008

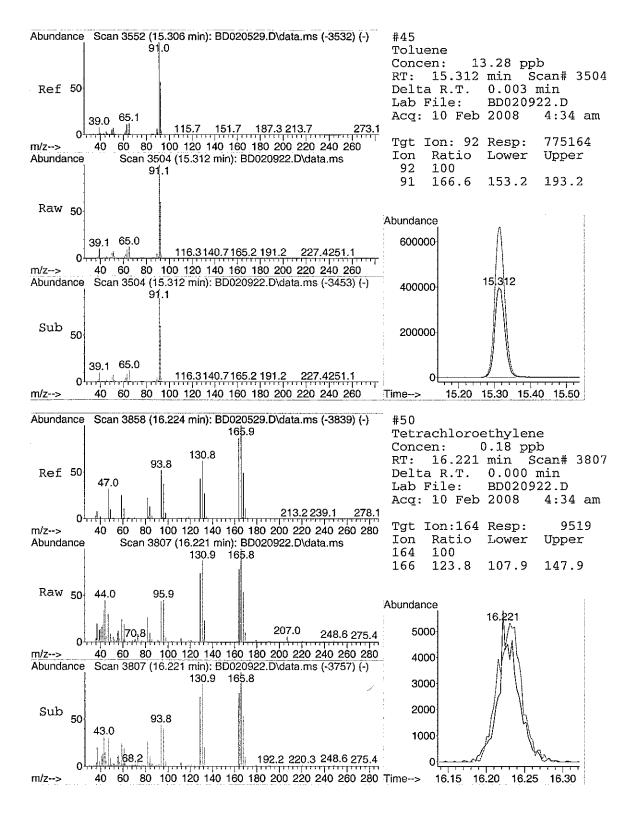
B205D_1UT.M Thu Feb

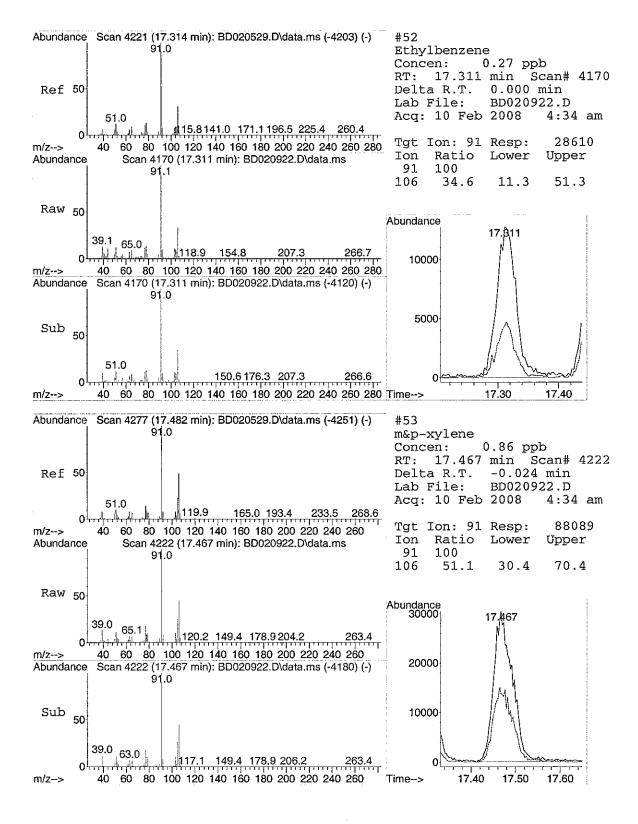


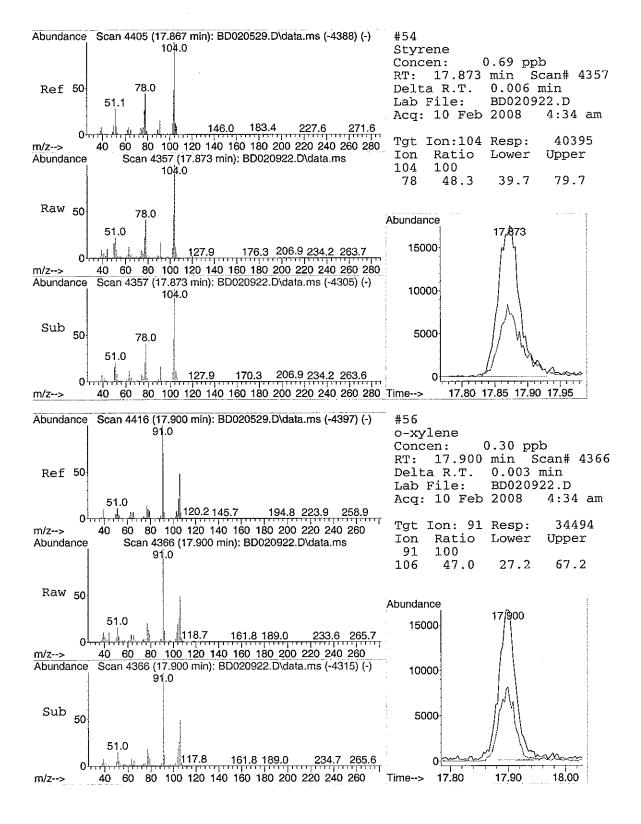


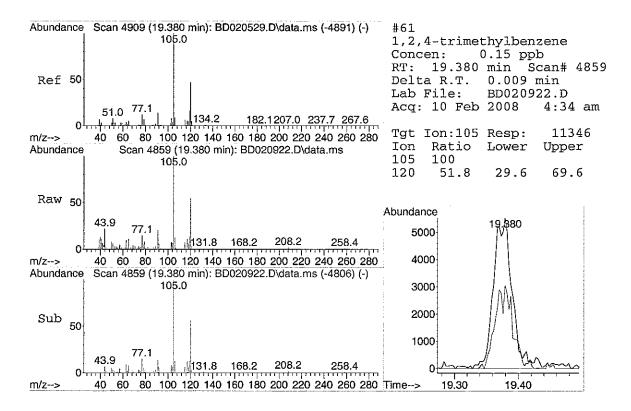












Data Path : C:\msdchem\1\DATA\
Data File : BD020923.D

Acq On : 10 Feb 2008 Operator : 5:07 am

: C0802002-007A 10X Sample

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 13 13:22:16 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via: Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.842 12.898 17.047	128 114 117	19613 45788 50140	1.00 ppb 1.00 ppb 1.00 ppb	# 0.03 0.01 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70	95 - 130	19037 Recove	0.74 ppb ry = 74.	0.00
Target Compounds 12) Acetone 45) Toluene	7.080 15.315	58 92	5450 26006	0.34 ppb 0.61 ppb	Qvalue 93 99

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

```
: C0802002-007A 10X
: lugM3 & 0.25TCE, CT, VNCL
: 11 Sample Multiplier: 1
                             5:07 am
Data Path : C:\msdchem\1\DATA\
Data File : BD020923.D
Acq On : 10 Feb 2008 5:07
                                            Operator
Sample
                                                                          Misc
```

ALS Vial

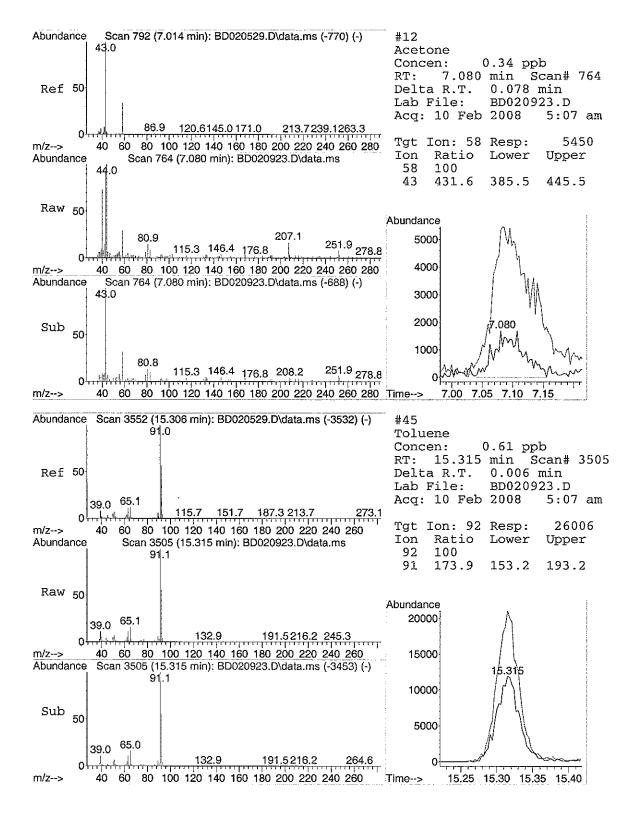
Quant Time: Feb 13 13:22:16 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008
Response via : Initial Calibration

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Page:

B205D_1UT.M Thu Feb 28 13:41:21 2008



Date: 24-Mar-08

Client Sample ID: 828149-GP11-SVI

Tag Number: 422, 175 Collection Date: 1/30/2008

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002 Project: CDM/G0143

Lab ID:

Matrix: AIR C0802002-008A

Analyses	Result	Limit Qu	al Units	DF	Date Analyzed
FIELD PARAMETERS		FLD			Analyst:
Vacuum Reading "Hg	-3		"Hg		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		TO-15			Analyst: LL
1,1,1-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1,2,2-Tetrachloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1,2-Trichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene	0.140	0.150 J		1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,3-butadiene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
1,4-Dioxane	ND	0.300	ppbV	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
4-ethyltoluene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Acetone	4.50	3.00	ppbV	10	2/10/2008 6:47:00 AM
Allyl chloride	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Benzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Benzyl chloride	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Bromodichloromethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Bromoform	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Bromomethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Carbon disulfide	0.380	0.150	ppbV	1	2/10/2008 6:14:00 AM
Carbon tetrachloride	ND	0.0400	ppbV	1	2/10/2008 6:14:00 AM
Chlorobenzene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Chloroethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Chloroform	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Chloromethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Cyclohexane	1.09	0.150	ppbV	1	2/10/2008 6:14:00 AM
Dibromochloromethane	ND	0.150	ppbV	1	2/10/2008 6:14:00 AM
Ethyl acetate	0.600	0.250	ppbV	1	2/10/2008 6:14:00 AM
Ethylbenzene	0.300	0.250	ppbV	1	2/10/2008 6:14:00 AM

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

Spike Recovery outside accepted recovery limits

Value above quantitation range

J Analyte detected at or below quantitation limits

Not Detected at the Reporting Limit

Date: 24-Mar-08

CLIENT:

MitKem A Division of Spectrum Analytical,

Lab Order:

C0802002

Project:

CDM/G0143

Lab ID:

C0802002-008A

Client Sample ID: 828149-GP11-SVI

Tag Number: 422, 175 Collection Date: 1/30/2008

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		то	-15			Analyst: LL
Freon 11	0.150	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 113	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 114	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Freon 12	0.250	0.150		ppbV	1	2/10/2008 6:14:00 AM
Heptane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Hexane	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Isopropyl alcohol	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
m&p-Xylene	1.02	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	2.00	3.00	J	ppbV	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	0.300		ppbV	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Methylene chloride	0.430	0.150		ppbV	1	2/10/2008 6:14:00 AM
o-Xylene	0.380	0.150		ppbV	1	2/10/2008 6:14:00 AM
Propylene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Styrene	1.00	0.150		ppbV	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	0.150	0.150		ppbV	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Toluene	25.2	6.00		ppbV	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.150		ppbV	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.0900	0.0400		ppbV	1	2/10/2008 6:14:00 AM
Surr: Bromofluorobenzene	90.0	70-130		%REC	1	2/10/2008 6:14:00 AM

Qua	lifi	er	s
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- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- JN Non-routine analyte. Quantitation estimated.
 - S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Date: 24-Mar-08

Client Sample ID: 828149-GP11-SVI

Tag Number: 422, 175 Collection Date: 1/30/2008

CLIENT: MitKem A Division of Spectrum Analytical,

Lab Order: C0802002 Project: CDM/G0143

Matrix: AIR Lab ID: C0802002-008A

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS	ARAMETERS FLD				Analyst:	
Vacuum Reading "Hg	0	0		ug/m3		1/30/2008
1UG/M3 W/ 0.25UG/M3 CT-TCE-VC		тс)-15			Analyst: LL
1,1,1-Trichioroethane	ND	0.832		ug/m3	1	2/10/2008 6:14:00 AM
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	2/10/2008 6:14:00 AM
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	2/10/2008 6:14:00 AM
1,1-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,1-Dichloroethene	ND	0.605		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	2/10/2008 6:14:00 AM
1,2,4-Trimethylbenzene	0.700	0.749	J	ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dibromoethane	ND	1.17		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloroethane	ND	0.617		ug/m3	1	2/10/2008 6:14:00 AM
1,2-Dichloropropane	ND	0.705		ug/m3	1	2/10/2008 6:14:00 AM
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
1,3-butadiene	ND	0.337	-	ug/m3	1	2/10/2008 6:14:00 AM
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	2/10/2008 6:14:00 AM
1,4-Dioxane	ND	1.10		ug/m3	1	2/10/2008 6:14:00 AM
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	2/10/2008 6:14:00 AM
4-ethyltoluene	ND	0.750		ug/m3	1	2/10/2008 6:14:00 AM
Acetone	10.9	7.24		ug/m3	10	2/10/2008 6:47:00 AM
Allyl chloride	ND	0.477		ug/m3	1	2/10/2008 6:14:00 AM
Benzene	ND	0.487		ug/m3	1	2/10/2008 6:14:00 AM
Benzyl chloride	ND	0.877		ug/m3	1	2/10/2008 6:14:00 AM
Bromodichloromethane	ND	1.02		ug/m3	1	2/10/2008 6:14:00 AM
Bromoform	ND	1.58		ug/m3	1	2/10/2008 6:14:00 AM
Bromomethane	ND	0.592		ug/m3	1	2/10/2008 6:14:00 AM
Carbon disulfide	1.20	0.475		ug/m3	1	2/10/2008 6:14:00 AM
Carbon tetrachloride	ND	0.256		ug/m3	1	2/10/2008 6:14:00 AM
Chlorobenzene	ND	0.702		ug/m3	1	2/10/2008 6:14:00 AM
Chloroethane	ND	0.402		ug/m3	1	2/10/2008 6:14:00 AM
Chloroform	ND	0.744		ug/m3	1	2/10/2008 6:14:00 AM
Chloromethane	ND	0.315		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 6:14:00 AM
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 6:14:00 AM
Cyclohexane	3.81	0.525		ug/m3	1	2/10/2008 6:14:00 AM
Dibromochloromethane	ND	1.30		ug/m3	1	2/10/2008 6:14:00 AM
Ethyl acetate	2.20	0.916		ug/m3	1	2/10/2008 6:14:00 AM
Ethylbenzene	1.32	0.662		ug/m3	1	2/10/2008 6:14:00 AM

- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- JΝ Non-routine analyte. Quantitation estimated.
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- J Analyte detected at or below quantitation limits
- ND Not Detected at the Reporting Limit

Lab Order:

Project:

Date: 24-Mar-08

Client Sample ID: 828149-GP11-SVI

CLIENT: MitKem A Division of Spectrum Analytical,

C0802002 Tag Number: 422, 175 CDM/G0143 Collection Date: 1/30/2008

Lab ID: C0802002-008A Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0,25UG/M3 CT-TCE-VC		TO-15			Analyst: LL	
Freon 11	0.857	0.857		ug/m3	1	2/10/2008 6:14:00 AM
Freon 113	ND	1.17		ug/m3	1	2/10/2008 6:14:00 AM
Freon 114	ND	1.07		ug/m3	1	2/10/2008 6:14:00 AM
Freon 12	1.26	0.754		ug/m3	1	2/10/2008 6:14:00 AM
Heptane	ND	0.625		ug/m3	1	2/10/2008 6:14:00 AM
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	2/10/2008 6:14:00 AM
Hexane	ND	0.537		ug/m3	1	2/10/2008 6:14:00 AM
Isopropyl alcohol	ND	0.375		ug/m3	1	2/10/2008 6:14:00 AM
m&p-Xylene	4.50	1.32		ug/m3	1	2/10/2008 6:14:00 AM
Methyl Butyl Ketone	ND	1.25		ug/m3	1	2/10/2008 6:14:00 AM
Methyl Ethyl Ketone	6.00	8.99	J	ug/m3	10	2/10/2008 6:47:00 AM
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	2/10/2008 6:14:00 AM
Methyl tert-butyl ether	ND	0.550		ug/m3	1	2/10/2008 6:14:00 AM
Methylene chloride	1.52	0.530		ug/m3	1	2/10/2008 6:14:00 AM
o-Xylene	1.68	0.662		ug/m3	1	2/10/2008 6:14:00 AM
Propylene	ND	0.262		ug/m3	1	2/10/2008 6:14:00 AM
Styrene	4.33	0.649		ug/m3	1	2/10/2008 6:14:00 AM
Tetrachloroethylene	1.03	1.03		ug/m3	1	2/10/2008 6:14:00 AM
Tetrahydrofuran	ND	0.450		ug/m3	1	2/10/2008 6:14:00 AM
Toluene	96.5	23.0		ug/m3	40	2/10/2008 7:20:00 AM
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	2/10/2008 6:14:00 AM
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	2/10/2008 6:14:00 AM
Trichloroethene	ND	0.218		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl acetate	ND	0.537		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl Bromide	ND	0.667		ug/m3	1	2/10/2008 6:14:00 AM
Vinyl chloride	0.234	0.104		ug/m3	1	2/10/2008 6:14:00 AM

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

JN Non-routine analyte. Quantitation estimated.

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected at or below quantitation limits

ND Not Detected at the Reporting Limit

Data Path : C:\msdchem\1\DATA\

Data File : BD020925.D

Acq On : 10 Feb 2008 6:14 am

Operator :

Sample : C0802002-008A

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 11:14:57 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc U	nits	Dev (Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.842 12.901 17.047	114	55511	1.00 1.00 1.00	ppb		0.03 0.02 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.467 Range 70					.00%	0.00
Target Compounds						Qva	lue
3) Freon 12	5.027		52825 🛂	6. 0.25	ppb		100
6) Vinyl Chloride	5.486	62	3883m				
11) Freon 11	6.858						93
12) Acetone	7.059		81233				94
16) Methylene chloride	8.101		18556			#	85
18) Carbon disulfide	8.275		49037				97
23) Methyl Ethyl Ketone	9.977		316069			#	52
26) Ethyl acetate	10.589		30065			.,	95
32) Cyclohexane	12.409		35893	1.09		#	79
45) Toluene	15.312		2289994	38.75			96
50) Tetrachloroethylene	16.230		7850				98
52) Ethylbenzene	17.311		32743	0.30			99
53) m&p-xylene	17.467		105321				97
54) Styrene	17.872		58981				81
56) o-xylene	17.893		43710	0.38			100
61) 1,2,4-trimethylbenzene	19.373	105	10565	0.14	agg		99

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

```
Data Path: C:\msdchem\1\DATA\
Data File: BD020925.D
Acg On: 10 Feb 2008 6:14 am
Operator:
Sample: C0802002-008A
Misc: 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial: 12 Sample Multiplier: 1
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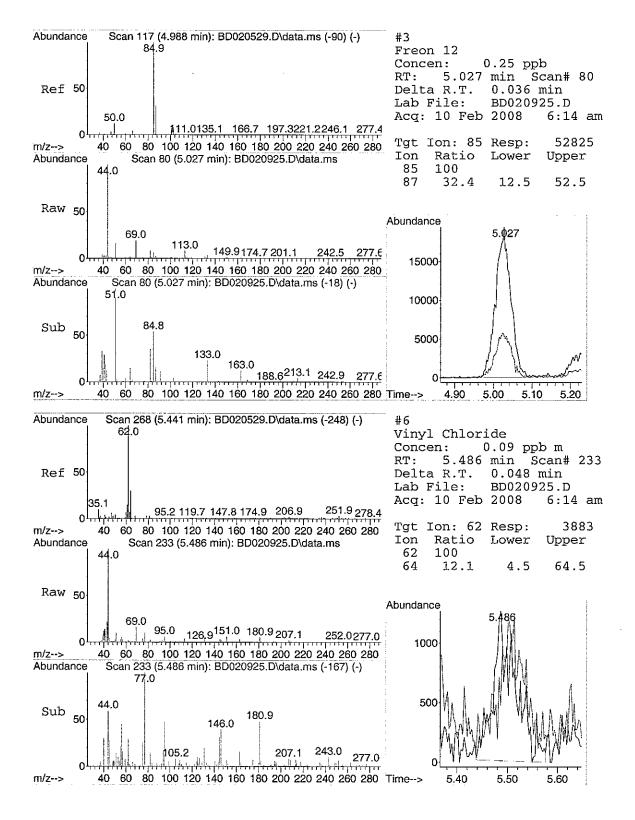
Quant Time: Feb 13 11:14:57 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008
Response via: Initial Calibration

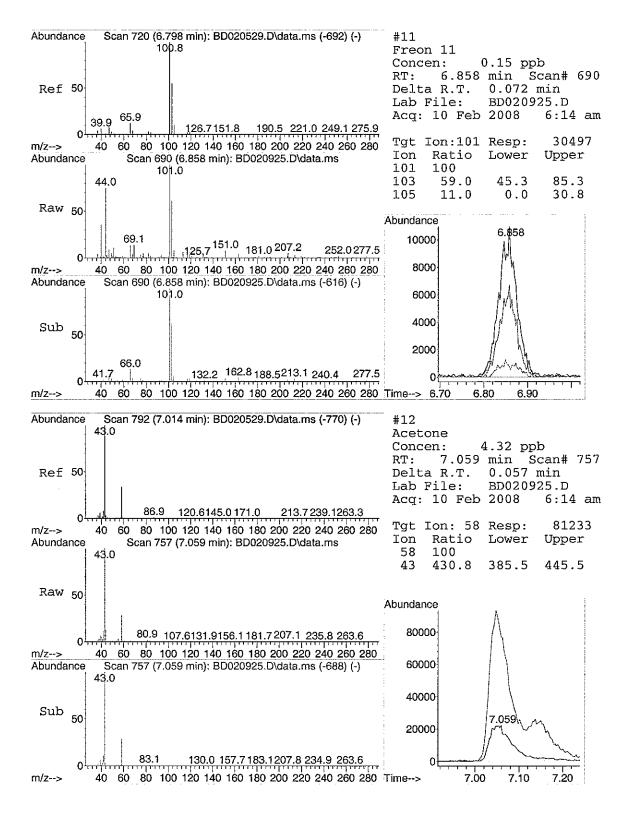
22,00 21,00 20.00 T,enaznadlyrlamint-4,2,1 19.00 Scomofluorobenzene, S. 18.00 ∏,काक्षा****श्रदे T.eneznedlyrit∃ T.enelyx-q&m 17.00 Chlorobenzene-d5,I Tetrachloroethytene,T 16.00 Toluene,T 15.00 TIC: BD020925.D\data.ms 14.00 13.00 l, 4-diffuorobenzene, l T,ensxedoloy2 12.00 11.00 1,enschloromethane,1 Ethyl acetate,T 10.00 Methyl Ethyl Ketone,T 9.00 Methylene chtoride,T Carbon disultide,T 8.00 7.08 T.ff nosi7 T.enotecA 9.00 Vinyl Chloride,T 5.00 T,SI nosif 7000000 Abundance 1e+07 8000000 -0000009 3000000 2000000 1.2e + 079000000 5000000 4000000 1000000 1.10+07Time--> Page 237 of 354.

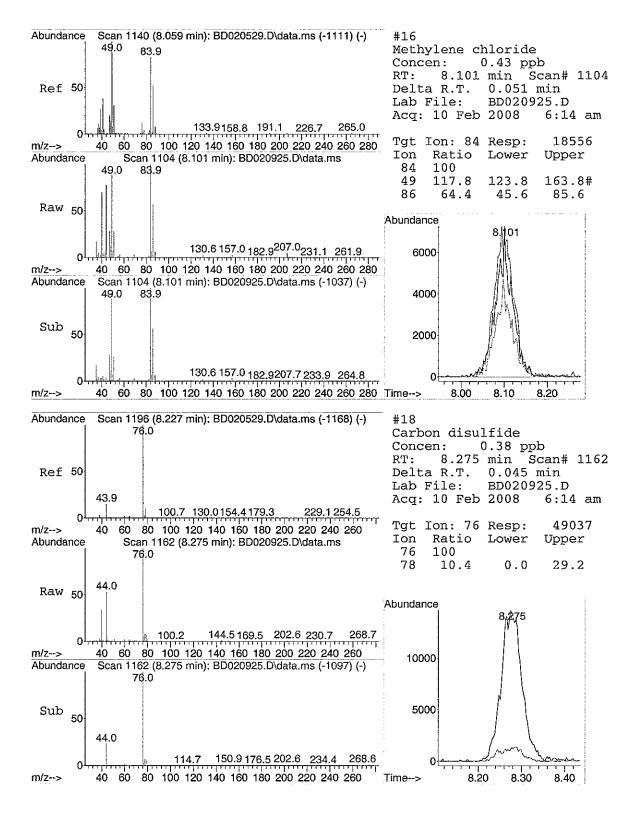
B205D_1UT.M Thu Feb 28 13:41:27 2008

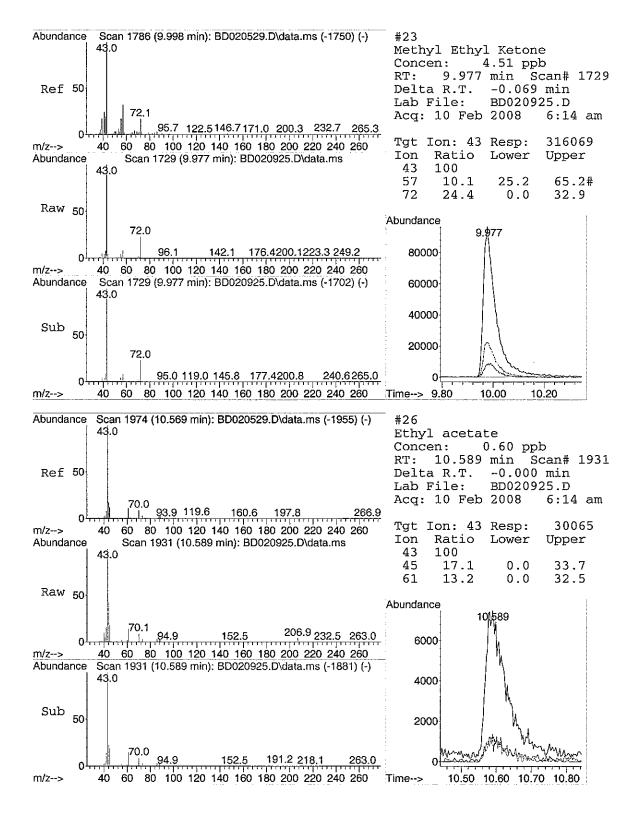
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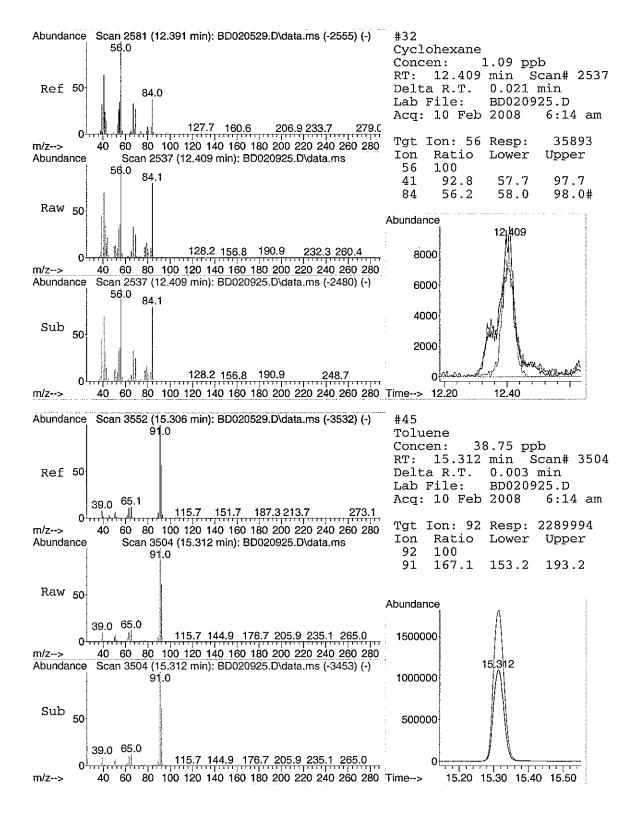
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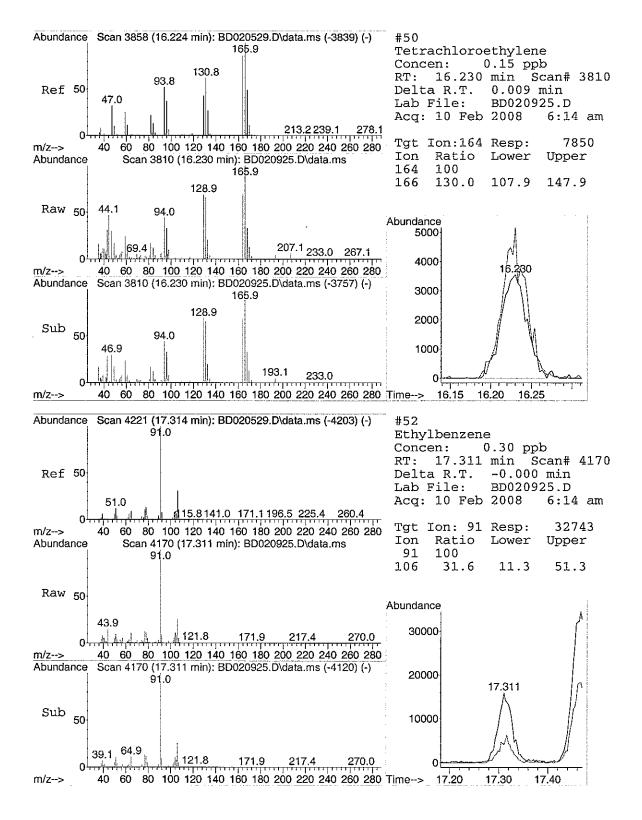


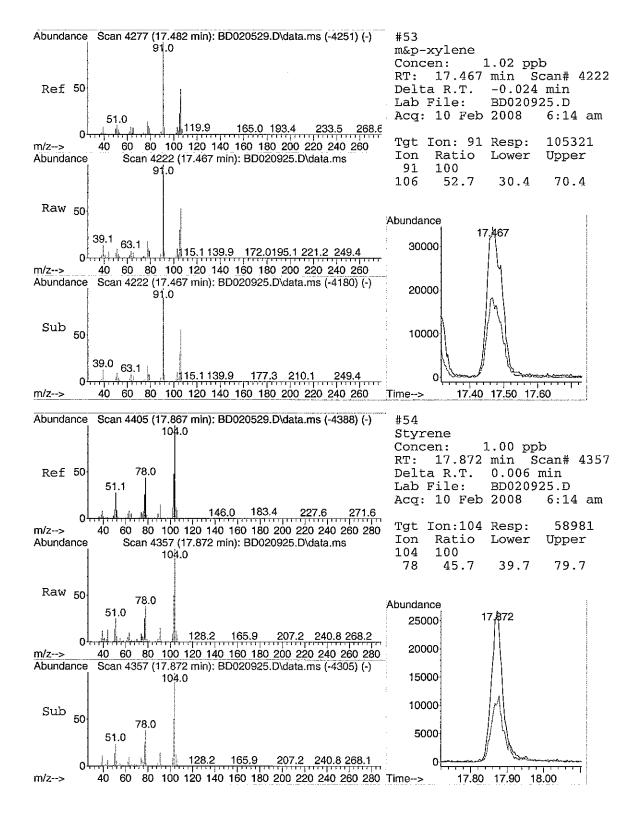


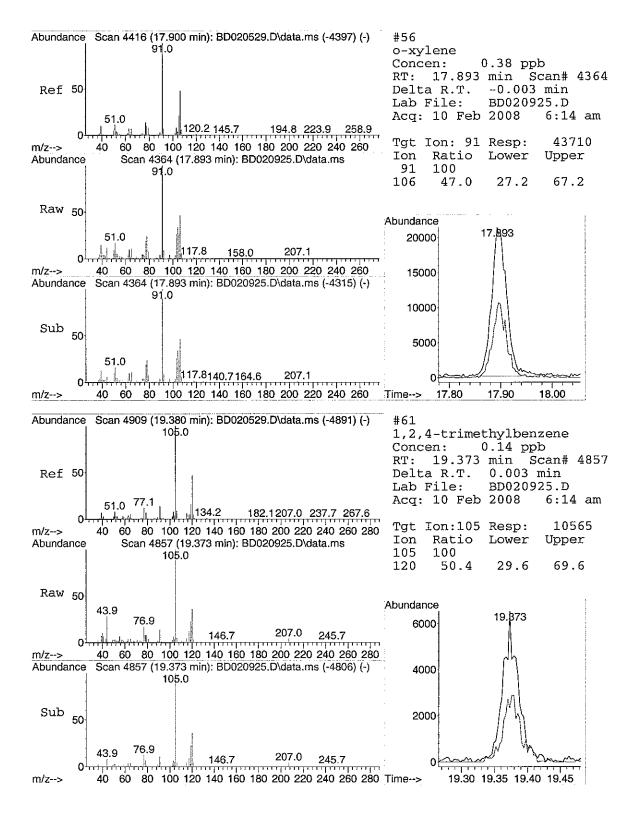












Data Path : C:\msdchem\1\DATA\
Data File : BD020926.D

Acq On : 10 Feb 2008 6:47 am

Operator :

: C0802002-008A 10X Sample

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 13:24:35 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

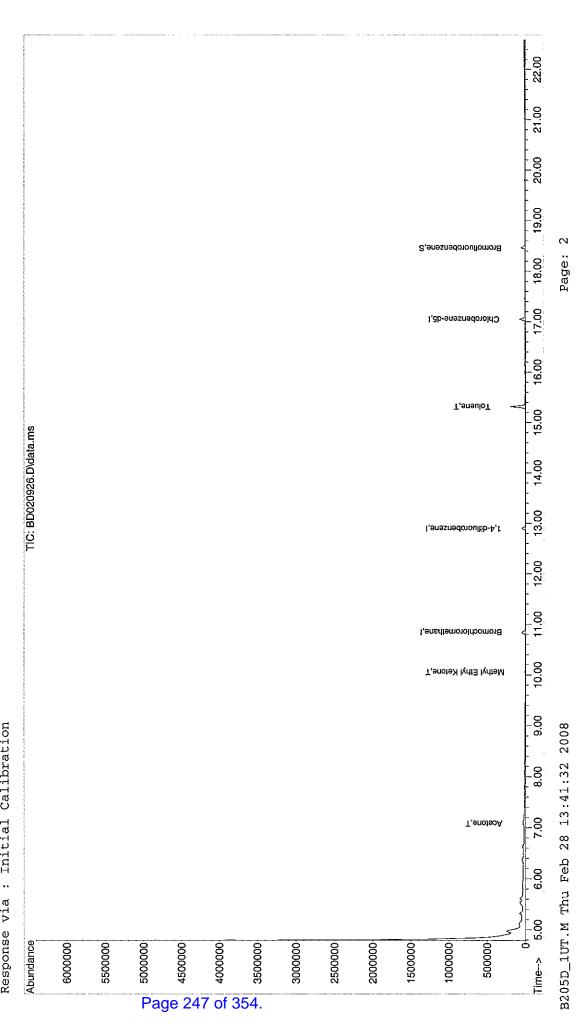
Response via: Initial Calibration

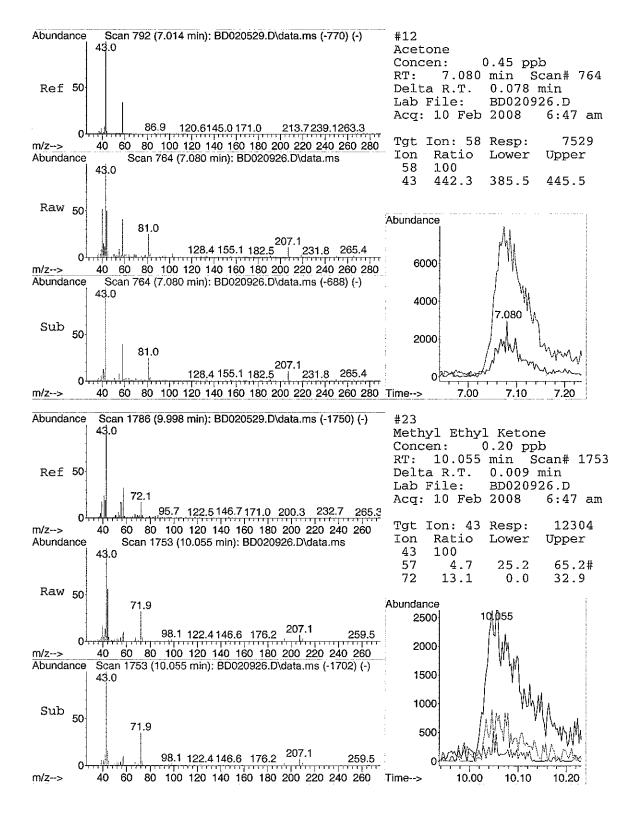
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.845 12.895 17.050	128 114 117	20733 46347 51140	1.00 ppb 1.00 ppb 1.00 ppb	# 0.03 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.458 Range 70	95 - 130	19902 Recover		
Target Compounds 12) Acetone 23) Methyl Ethyl Ketone 45) Toluene	7.080 10.055 15.315	58 43 92	7529 12304 93196	0.45 ppb 0.20 ppb 2.13 ppb	

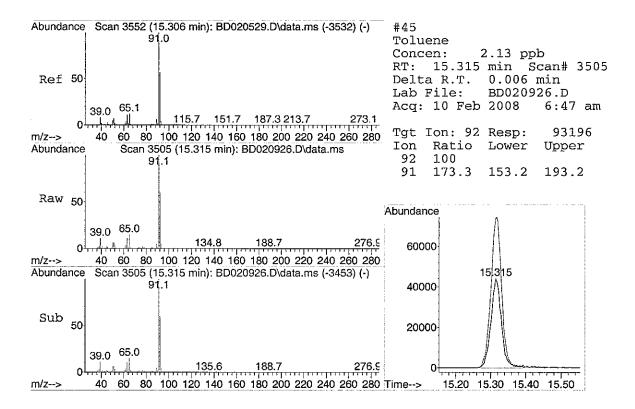
^(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path: C:\msdchem\1\DATA\
Data File: BD020926.D
Acg On: 10 Feb 2008 6:47 am
Operator: Sample: C0802002-008A 10X
Misc: 1ugM3 & 0.25TCE, CT, VNCL
ALS Vial: 12 Sample Multiplier: 1

Quant Time: Feb 13 13:24:35 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 11:50:55 2008
Response via: Initial Calibration







Data File : BD020927.D

Acq On : 10 Feb 2008 Operator : 7:20 am

Sample : C0802002-008A 40X

: lugM3 & 0.25TCE, CT, VNCL ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 13 13:26:21 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T. QIO	on Response C	onc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	12.904 11	28 19586 14 42303 17 47375	1.00 ppb 1.00 ppb 1.00 ppb	# 0.02 0.02 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.467 9 Range 70 - 1	95 17831 130 Recovery	0.74 ppb $r = 74$	0.00 .00%
Target Compounds 45) Toluene	15.312	92 25566	0.63 ppb	Qvalue 99

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

C:\msdchem\1\DATA\ Data Path

7:20 am BD020927.D 10 Feb 2008 Data File Acq On

Operator

C0802002-008A 40X ALS Vial Sample Misc

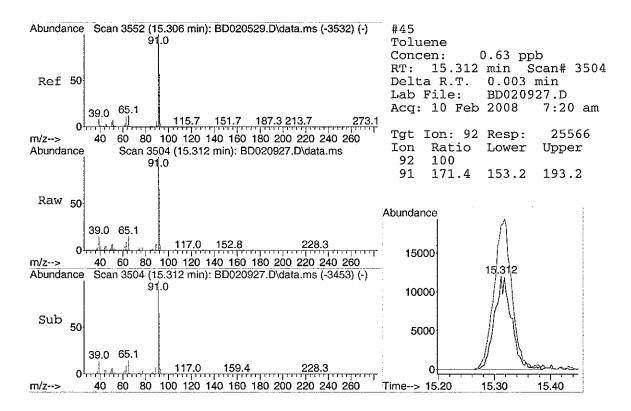
1ugM3 & 0.25TCE, CT, VNCL
12 Sample Multiplier: 1

Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M Quant Title: TO-15 VOA Standards for 5 point calibration QLast Update: Wed Feb 06 11:50:55 2008 Response via: Initial Calibration Quant Time: Feb 13 13:26:21 2008

22.00 21.00 20,00 19.00 S.eneznedoroultomor8 18.00 17.00 Chlorobenzene-d5,I 16.00 Toluene,T 15.00 TIC: BD020927.D\data.ms 14.00 13.00 1,4-difluorobenzene,1 12.00 11.00 Bromochloromethane,1 10.00 9.00 8.00 .8. 6.00 5.00 Abundance 9500000 0000006 3000000 2000000 500000 1000000 500000 Ó 8500000 8000000 7000000 6500000 0000009 5500000 5000000 4500000 4000000 3500000 2500000 7500000 Time--> Page 251 of 354.

B205D_1UT.M Thu Feb 28 13:41:35 2008

Page:



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15 STANDARDS DATA

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INITIAL CALIBRATION

Method Path : C:\msdchem\1\METHODS\Method File : B205D_1UT.M Method File : B205D_1UT.M Title : TO-15 VOA Standards for 5 point calibration Last Update : Thu Feb 28 14:05:11 2008 Response Via : Initial Calibration

Calibration Files

=BD020529.D																					
0.15=BD02052 2 =BD02053 .04 0.1 0.1	ISTD	.392 1.126 1.064 0.587 0.946 0.770 0.771 0.745 0.925 E1 28	.43/ 3.150 2.300 1.010 2.304 2.000 2.113 1.320 2.439	.966 2.970 2.344 2.263 1.223 1.864 1.567 1.610 1.457 1.918 28.12	.094 1./36 1.516 0.921 1.356 1.321 1.232 1.194 1.421 25.3 .957 2.409 2.533 1.227 2.116 1.775 1.733 1.633 2.048 27.4	.168 0.993 0.960 0.561 0.889 0.696 0.704 0.685 0.832 24.3	.982 2.103 2.131 1.220 1.960 1.592 1.564 1.564 1.890 28.6	.218 0.789 0.982 0.468 0.847 0.824 0.551 0.798 0.809 28.86	.325 2.137 1.771 1.151 1.276 1.419 1.564 1.017 1.583 29.4	.329 5.522 5.668 3.205 4.936 3.890 3.895 3.829 4.784 28.2	.869 2.261 2.178 1.205 1.919 1.540 1.481 1.512 1.871 29.1	.927 1.420 1.403 0.883 1.308 1.083 1.099 1.113 1.280 24.9 593 6 635 6 281 3 606 5 639 4 428 4 444 4 487 5 514 20 3	.658 1.941 1.920 1.120 1.788 1.440 1.439 1.501 1.726 27.1	.684 1.941 2.282 1.207 2.250 1.848 1.907 2.029 2.019 21.1	.4/5 3./81 4.055 2.228 3.696 2.867 2.920 2.921 3.493 28.6 417 1.769 1.806 1.065 1.844 1.464 1.566 1.606 1.692 - 22.7	3.408 3.464 1.995 3.643 2.586 2.957 3.093 3.021 19.0	.164 1.731 1.801 1.012 1.778 1.352 1.379 1.437 1.582 22.5	69 1./08 0.93/ 1./8/ 1.414 1.505 1.510 1.52/ 18.0 10 2.484 1.365 2.566 1.960 1.914 1.935 2.152 21.1	.772 4.965 5.037 2.748 4.597 3.526 3.516 3.524 4.335 29.4	.302 0.775 0.878 0.356 0.855 0.632 0.660 0.727 0.799 28 .985 2.965 3.104 1.682 2.876 2.151 2.132 2.185 2.635 27	2.622 2.038 2.084 1.091 1.837 1.389 1.355 1.348 1.721 29.78 0.708 0.564 0.663 0.336 0.714 0.547 0.580 0.637 0.594 20.56 0.708 0.564 0.663 0.336 0.714 0.547 0.580 0.637 0.594 20.56 2.207 1.642 1.778 0.927 1.724 1.292 1.416 1.455 1.555 24.36 0.153 0.178 0.927 1.724 1.292 1.416 1.455 1.555 24.36 0.153 0.178 0.096 0.179 0.162 0.154 0.161 0.155 18.10 2.482 1.952 2.324 1.175 2.555 1.855 1.917 2.131 2.049 21.48 0.799 0.637 0.738 0.386 0.857 0.683 0.672 0.722 0.681 20.82 1.012 0.823 0.902 0.467 0.877 0.608 0.626 0.642 0.745 24.87
0.04=BD020528.D 0.1 =BD020525.D 1.25=BD020530.D 1.50=BD020531.D Compound 0	Ch Le		T Freon 114	T Vinyl Chlori	H [T Chloroethan	₽ €	T Acetone	_	4 E	T Methylene chl	T Ally.	T trans-1,2-dich.	T methy		T Methyl Ethyl	T cis-1,2	25) T Hexane 26) T Ethyl acetate	D E		30) I 1,4-difluorobenzene 31) T 1,1,1-trichlor 32) T Cyclohexane 33) T Carbon tetrach 2.212 1 34) T Benzene 35) T 1,4-dioxane 36) T 2,2,4-trimethy 37) T Heptane 38) T Trichloroethene 0.839 0 39) T 1,2-dichloropr

Path : C:\msdchem\1\METHODS\

Method

Page:

^{(#) =} Out of Range

Data File : BD020521.D

Acq On : 6 Feb 2008

Operator :

Sample : B1UT_0.75

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 06 10:23:47 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Compound			Response (Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.806 12.883 17.047	114	23712 59712 62256	1.00 ppb 1.00 ppb 1.00 ppb	0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000 R	18.464 ange 70		31477 Recovery		0.00 00%
Target Compounds 2) Propylene 3) Freon 12 4) Chloromethane	4.931 4.991 5.219	50	15236 104332 28737	0.44 ppb 0.46 ppb 0.48 ppb	Qvalue 89 100 98
5) Freon 114 6) Vinyl Chloride 7) 1,3-butadiene 8) Bromomethane	5.225 5.441 5.559 5.952	62 39 94	89493 21742 \$.1 16387m 21826	0.51 ppb 0.43 ppb	97 89
9) Chloroethane 10) Vinyl Bromide 11) Freon 11 12) Acetone	6.135 6.501 6.789 7.017	106 101 58	9977 21704 104750 8316	0.47 ppb 0.47 ppb 0.54 ppb 0.41 ppb	95 100 100 # 54
13) Isopropyl alcohol 14) 1,1-dichloroethene 15) Freon 113 16) Methylene chloride	7.126 7.579 7.789 8.038 8.038	96 101	20476 16480 56994 21421	0.68 ppb 0.55 ppb 0.49 ppb 0.47 ppb	98 99 99
17) Allyl chloride 18) Carbon disulfide 19) trans-1,2-dichloroethene 20) methyl tert-butyl ether	8.233 8.996 9.065	76 61 73	15710 64133 19918 21471	0.51 ppb 0.48 ppb 0.47 ppb 0.40 ppb	97 100 96 99
21) 1,1-dichloroethane 22) Vinyl acetate 23) Methyl Ethyl Ketone 24) cis-1,2-dichloroethene 25) Hexane		63 43 43 61 41	39619 18943 35482m 18004	0.45 ppb 0.43 ppb 0.41 ppb 0.43 ppb	99 80 94
26) Ethyl acetate 27) Chloroform 28) Tetrahydrofuran 29) 1,2-dichloroethane	9.974 10.569 10.962 11.265 11.995	43 83 42	16660 24276 48866 10062m	0.39 ppb 0.40 ppb 0.45 ppb 0.50 ppb	97 91 99
31) 1,1,1-trichloroethane 32) Cyclohexane 33) Carbon tetrachloride 34) Benzene			29913 48866 15026 56887 41510	0.44 ppb 0.45 ppb 0.35 ppb 0.42 ppb	98
35) 1,4-dioxane 36) 2,2,4-trimethylpentane 37) Heptane 38) Trichloroethene	13.811 13.048 13.343 13.463	88 57 43 130	4292m 52599 17279 21268	0.40 ppb 0.40 ppb 0.34 ppb 0.34 ppb 0.39 ppb	100 94 96 99
39) 1,2-dichloropropane 40) Bromodichloromethane 41) cis-1,3-dichloropropene 42) trans-1,3-dichloropropene	13.562 13.847 14.561	63 83 75 75	20904 47337 20693 16387	0.40 ppb 0.40 ppb 0.35 ppb 0.39 ppb	97 99 99 99
43) 1,1,2-trichloroethane 45) Toluene 46) Methyl Isobutyl Ketone 47) Dibromochloromethane	15.507 15.306 14.513 16.146	97 92 43 129	26023 21991 22243 41072	0.41 ppb 0.33 ppb 0.36 ppb 0.43 ppb	97 98 98 97
48) Methyl Butyl Ketone 49) 1,2-dibromoethane	15.690 16.378	43 107	19409 33040	0.41 ppb 0.41 ppb	98 97

Data File : BD020521.D

Acq On : 6 Feb 2008 Operator : 2:40 am

Sample : B1UT_0.75

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 06 10:23:47 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

	Compound	R.T.	QIon	Response	Conc Uni	ts !	Dev(Min)
50)	Tetrachloroethylene	16.222	164	22187	0.41 p	pb	96
51)	Chlorobenzene	17.092	112	40171	0.39 p	dq	98
52)	Ethylbenzene	17.308	91	39191	0.33 p		97
.53)	m&p-xylene	17.479	91	69733	0.56 p	dq	100
54)	Styrene	17.867	104	21305	0.33 p	pb	97
55)	Bromoform	17.975	173	34606	0.39 p		97
56)	o-xylene	17.900	91	37944			100
58)	1,1,2,2-tetrachloroethane	18.263	83	57810	(1.0.40 p	ďq	99
59)	4-ethyltoluene	18.953	105	23851m	0.32 p	pb	
	1,3,5-trimethylbenzene	19.001	105	36225m			
61)	1,2,4-trimethylbenzene	19.374	105	25531	0.29 p		99
62)	1,3-dichlorobenzene	19.629	146	33397	0.32 p		98
63)	benzyl chloride	19.680	91	23210	0.32 p	pb	98
64)	1,4-dichlorobenzene	19.734	146	31209	0.27 p		96
65)	1,2-dichlorobenzene	19.995	146	30506	0.32 p		99
-	Naphthalene	21.727	128	4481	0.57 p		# 85
67)	1,2,4-trichlorobenzene	21.541		10539	0.59 p		91
68)	Hexachloro-1,3-butadiene	21.808	225	25599	0.49 p	pb	99

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

am 2:40 C:\msdchem\1\DATA\ 6 Feb 2008 BD020521.D File Path Acq On Data

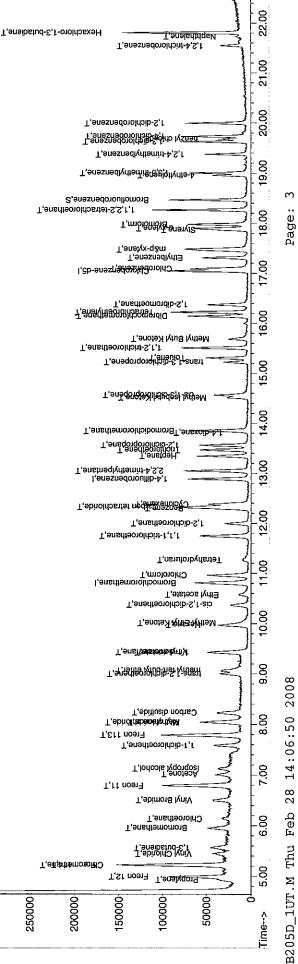
BlUT_0.75 lugM3 & 0.25TCE, 16 Sample Multi Operator Sample Misc

se 0.25TCE, CT, VNCL Sample Multiplier: 1 ALS Vial

C:\msdchem\1\DATA\BD020529.D 0 06 10:23:47 2008 C:\msdchem\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration 10:15:27 2008 Cal File: C:\r Wed Feb 06 Continuing Time: Feb Method Update Title Quant Quant QLast Quant

Response via

TIC: BD020521.D\data.ms



المحمد عند المحمد المح 3:13 am

: B1UT_0.50

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 06 10:25:46 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Compound	R.T.	QIon	Response Conc Units Dev(Min)
Internal Standards			
1) Bromochloromethane	10.806	128	23365 1.00 ppb -0.01
30) 1,4-difluorobenzene		114	55223 1.00 ppb 0.00
44) Chlorobenzene-d5	17.044	117	58462 1.00 ppb 0.00
System Monitoring Compounds			
57) Bromofluorobenzene	18.461	95	31640 0.98 ppb 0.00
	ange 70		Recovery = 98.00%
			·
Target Compounds	4 024	4.1	Qvalue
2) Propylene	4.931	41	21835 0.63 ppb 100
3) Freon 124) Chloromethane	4.991 5.216	85 50	124329 0.56 ppb 98 33954 0.58 ppb 93
5) Freon 114	5.225		110563 0.57 ppb 98
6) Vinyl Chloride	5.441		26433 0.61 ppb 100
7) 1,3-butadiene	5.567	39	17707 0.56 ppb 98
8) Bromomethane	5.952		29597 0.60 ppb 96
9) Chloroethane	6.141	64	11211 0.54 ppb 96
10) Vinyl Bromide	6.507		24899 0.54 ppb 98
11) Freon 11 12) Acetone	6.795 7.023	101 58	102505 0.54 ppb 100 11471 0.58 ppb 89
13) Isopropyl alcohol	7.135	45	20695 0.69 ppb # 100
14) 1,1-dichloroethene	7.594	96	16499 0.55 ppb # 100
15) Freon 113	7.789	101	66219 0.57 ppb 98
16) Methylene chloride	8.047	84	25444 0.57 ppb 98
17) Allyl chloride	8.041	41	16395 0.54 ppb 100
18) Carbon disulfide	8.233	76	73379 0.56 ppb 100
19) trans-1,2-dichloroethene	9.002	61	22428 0.54 ppb 97
<pre>20) methyl tert-butyl ether 21) 1,1-dichloroethane</pre>	9.074	73 63	26658 0.51 ppb 96
21) Vinyl acetate	9.431 9.440		47376 4.0.55 ppb 99 21093 4.0.49 ppb 98
23) Methyl Ethyl Ketone	10.022	43	40471m 0.48 ppb
24) cis-1,2-dichloroethene	10.368		21037 0.51 ppb 96
25) Hexane	9.974	41	19955 0.48 ppb # 14
26) Ethyl acetate	10.590	43	29016m 0.48 ppb
27) Chloroform	10.965	83	58840 0.55 ppb 96
28) Tetrahydrofuran	11.292	42	10255m 0.51 ppb
<pre>29) 1,2-dichloroethane 31) 1,1,1-trichloroethane</pre>	11.995 11.740	62 97	36258 0.54 ppb 98 57550 0.57 ppb 99
32) Cyclohexane	12.388		18315 0.46 ppb # 57
33) Carbon tetrachloride	12.322	117	68172 0.55 ppb 98
34) Benzene	12.301	78	49100m 0.52 ppb
35) 1,4-dioxane	13.820	88	4919m 🔰 0.50 ppb
36) 2,2,4-trimethylpentane	13.045	57	64175 0.45 ppb 94
37) Heptane	13.346	43	20384 0.43 ppb 99
38) Trichloroethene	13.466	130	26635 0.52 ppb 98
<pre>39) 1,2-dichloropropane 40) Bromodichloromethane</pre>	13.562 13.853	63 83	24906 0.51 ppb 95 57804 0.53 ppb 99
41) cis-1,3-dichloropropene	14.567	75	57804 0.53 ppb 99 26426 0.48 ppb 96
42) trans-1,3-dichloropropene		75	19913 0.52 ppb 99
43) 1,1,2-trichloroethane	15.510	97	32708 0.55 ppb 99
45) Toluene	15.309	92	26521 0.43 ppb 90
46) Methyl Isobutyl Ketone	14.513	43	26628 0.46 ppb 94
47) Dibromochloromethane	16.143	129	47322 0.52 ppb 96
48) Methyl Butyl Ketone	15.684	43 107	21565 0.49 ppb 99
49) 1,2-dibromoethane	16.378	107	39705 0.52 ppb 99

Data File: BD020522.D

Acq On : 6 Feb 2008 3:13 am

Operator :

Sample : B1UT_0.50

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial: 17 Sample Multiplier: 1

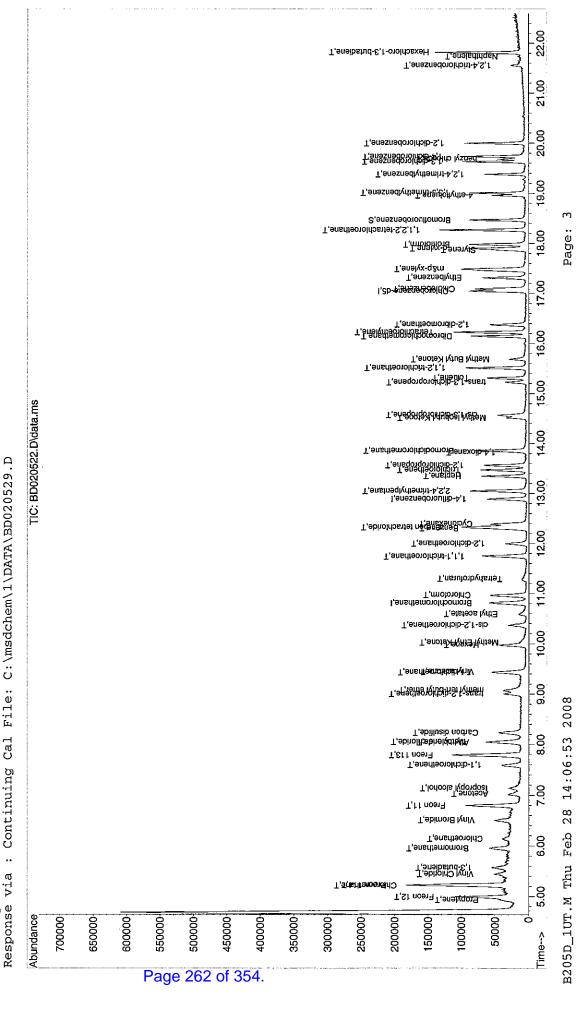
Quant Time: Feb 06 10:25:46 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

	Compound	R.T.	QIon	Response	Conc Units	Dev ((Min)
50)	Tetrachloroethylene	16.224	164	26302	0.51 ppb		96
51)	Chlorobenzene	17.089	112	49258	0.51 ppb		97
52)	Ethylbenzene	17.314	91	49747	0.44 ppb		100
53)	m&p-xylene	17.488	91	92373	0.79 ppb		100
54)	Styrene	17.867	104	27487	0.46 ppb		95
55)	Bromoform	17.975	173	42200	0.51 ppb		97
56)	o-xylene	17.897	91	48978	• 0.36 ppb		99
58)	1,1,2,2-tetrachloroethane	18.263	83	72223	🕩 0.53 ppb		97
59)	4-ethyltoluene	18.953	105	29629m	0.42 ppb		
60)	1,3,5-trimethylbenzene	19.007	105	47737m			
61)	1,2,4-trimethylbenzene	19.377	105	33450	0.40 ppb		99
62)	1,3-dichlorobenzene	19.629	146	43250	0.44 ppb		99
63)	benzyl chloride	19.683	91	28824	0.42 ppb		99
64)	1,4-dichlorobenzene	19.728	146	44118	0.40 ppb		98
65)	1,2-dichlorobenzene	19.995	146	39293	0.43 ppb		99
66)	Naphthalene	21.733	128	3457	0.47 ppb		78
67)	1,2,4-trichlorobenzene	21.550	180	7705	0.46 ppb		89
68)	Hexachloro-1,3-butadiene	21.820	225	23439	0.48 ppb		99

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

Standards for 5 point calibration 10:15:27 2008 Cal File: C:\msdchem\1\DATA\BD020! o 06 10:25:46 2008 C:\msdchem\1\METHODS\B205D_1UT.M CI, VNCL Sample Multiplier: 턦 3:13 C:\msdchem\1\DATA\ 1ugM3 & 0.25TCE, Wed Feb 06 Feb 2008 BD020522.D Feb Method Olast Update Title Path File Operator ALS Vial Acg On Sample Quant Quant Quant Data Misc



Data Path : C:\msdchem\1\DATA\
Data File : BD020523.D

: 6 Feb 2008 Acq On 3:45 am

Operator :

: B1UT_0.30 Sample

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 06 11:50:43 2008 Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.815 12.886 17.044	114	21669 51176 51206	1.00 ppb 1.00 ppb 1.00 ppb	0.00 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000 Ra	18.464 ange 70			0.88 ppb ry = 88.	0.00 0.00
Target Compounds			4	i.l.	Qvalue
2) Propylene	4.928	41	10734m 🕈	0.34 ppb	~
3) Freon 12	4.991		73229	0.36 ppb	98
4) Chloromethane	5.213		20192	0.37 ppb	95
5) Freon 114	5.216		62066	0.35 ppb	
6) Vinyl Chloride	5.438		15239	0.38 ppb	97
7) 1,3-butadiene	5.567		11286	0.38 ppb	100
8) Bromomethane9) Chloroethane	5.964 6.129		15660 6452	0.34 ppb 0.33 ppb	94 82
10) Vinyl Bromide	6.504		13673	0.33 ppb	98
11) Freon 11	6.786		70266	0.40 ppb	98
12) Acetone	7.002	58	5127	0.28 ppb	
13) Isopropyl alcohol	7.134		13889m	0.50 ppb	,,
14) 1,1-dichloroethene	7.585		9685	0.35 ppb	98
15) Freon 113	7.783	101	35900	0.34 ppb	98
16) Methylene chloride	8.050	84	14697	0.35 ppb	94
17) Allyl chloride	8.035		9230	0.33 ppb	98
18) Carbon disulfide	8.230		43135	0.35 ppb	100
19) trans-1,2-dichloroethene	8.993		12615	0.33 ppb	98
20) methyl tert-butyl ether			12617	0.26 ppb	# 30
<pre>21) 1,1-dichloroethane 22) Vinyl acetate</pre>	9.428 9.428	63 43	24582 11497	0.31 ppb 0.29 ppb	97 84
23) Methyl Ethyl Ketone	10.046		22156m	0.23 ppb	04
24) cis-1,2-dichloroethene	10.359		11251	0.29 ppb	98
25) Hexane	9.965	41	10198	0.26 ppb	
26) Ethyl acetate	10.590	43	14366	0.26 ppb	97
27) Chloroform	10.959	83	32274	0.32 ppb	98
28) Tetrahydrofuran	11.283		5039m	0.27 ppb	
29) 1,2-dichloroethane	11.989		19272	0.31 ppb	98
31) 1,1,1-trichloroethane	11.745		31293	0.33 ppb	99
32) Cyclohexane	12.388		8662	0.24 ppb	
33) Carbon tetrachloride	12.331		37422	0.33 ppb	96
34) Benzene 35) 1,4-dioxane	12.298	78 88	25215	0.29 ppb	91
36) 2,2,4-trimethylpentane	13.913 13.051	57	2346m \ 29964	0.26 ppb 0.23 ppb	90
37) Heptane	13.343	43	9775	0.23 ppb	95
38) Trichloroethene	13.472	130	13829	0.22 ppb	97
39) 1,2-dichloropropane	13.568	63	12643	0.28 ppb	99
40) Bromodichloromethane	13.850	83	29884	0.29 ppb	98
41) cis-1,3-dichloropropene	14.564	75	11595	0.23 ppb	98
42) trans-1,3-dichloropropene	15.228	75	10098	0.28 ppb	100
43) 1,1,2-trichloroethane	15.504	97	16301	0.30 ppb	99
45) Toluene	15.309	92	13053	0.24 ppb	99
46) Methyl Isobutyl Ketone	14.513	43	13002	0.26 ppb	95
47) Dibromochloromethane	16.143	129	25106	0.32 ppb	100
48) Methyl Butyl Ketone	15.687	43	10664	0.28 ppb	94
49) 1,2-dibromoethane	16.375	107	18742	0.28 ppb	92

Data File : BD020523.D

Acq On : 6 Feb 2008
Operator :
Sample 3:45 am

: B1UT_0.30 Sample

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 06 11:50:43 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) Tetrachloroethylene 51) Chlorobenzene 52) Ethylbenzene 53) m&p-xylene 54) Styrene 55) Bromoform	16.221 17.092 17.311 17.491 17.866 17.984	112 91 91 104	13340 24222 23267 36147 12824 21130	0.29 ppb	
56) o-xylene 58) 1,1,2,2-tetrachloroethane 59) 4-ethyltoluene 60) 1,3,5-trimethylbenzene 61) 1,2,4-trimethylbenzene 62) 1,3-dichlorobenzene 63) benzyl chloride 64) 1,4-dichlorobenzene	17.897 18.263 18.956 19.001 19.370 19.626 19.677 19.731	91 83 105 105 105 146 91	19148 36397 13252m 23034m 14769 18126 12393 17824	0.16 ppb 0.31 ppb 0.22 ppb 0.19 ppb 0.20 ppb 0.21 ppb 0.21 ppb 0.19 ppb	95 98 94 98 95 98
65) 1,2-dichlorobenzene 66) Naphthalene 67) 1,2,4-trichlorobenzene 68) Hexachloro-1,3-butadiene	19.995 21.733 21.547 21.814	128 180	16445 2448m 4789 15119	0.21 ppb 0.38 ppb 0.32 ppb 0.35 ppb	95 # 75 97

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

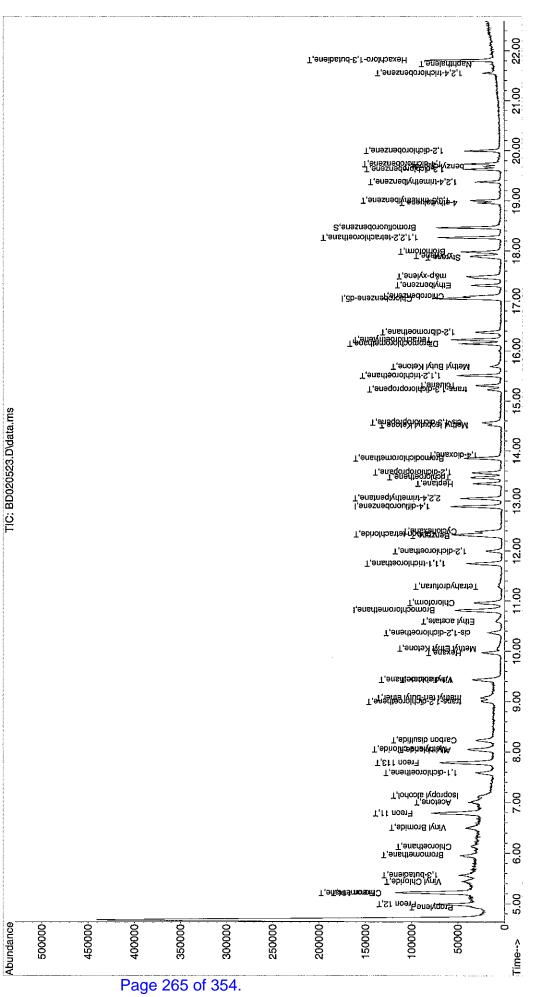
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CI, VNCL
                    3:45
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lugM3 & 0.25TCE,
18 Sample Multi
          BD020523.D
6 Feb 2008
          File
  Path
                              Operator
                                         Sample
                                                   Misc
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0.06 11:50:43 2008 C:\msdchem\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration Wed Feb 06 10:15:27 2008 Method QLast Update Title Quant] Quant Quant

Sample Multiplier: 1

ALS Vial

Cal File: C:\msdchem\1\DATA\BD020529.D Continuing Response via



Page:

28 14:06:56

Feb

Thu

B205D 1UT.M

Data Path : C:\msdchem\1\DATA\
Data File : BD020524.D

: 6 Feb 2008 Acq On 4:17 am

Operator :

Sample : B1UT_0.15

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 06 11:43:44 2008 Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Compound	יח מ	QIon	Response (lona IInita	Dow/Min)
Compound			Response C		
Internal Standards					
 Bromochloromethane 	10.806		20205	1.00 ppb	-0.01
30) 1,4-difluorobenzene	12.892		49735	1.00 ppb	
44) Chlorobenzene-d5	17.047	117	50794	1.00 ppb	0.00
System Monitoring Compounds					
57) Bromofluorobenzene	18.470	95	23171	0.83 ppb	0.00
	Range 70		Recovery		
	_		_	•	
Target Compounds	4 004		50.50		Qvalue
2) Propylene	4.931	41	7062	0.24 ppb 0.22 ppb	72 97
3) Freon 124) Chloromethane	4.985 5.213	85 50	42191 10416m	0.22 ppb 0.21 ppb	91
5) Freon 114	5.219	85	37851	0.21 ppb 0.23 ppb	94
6) Vinyl Chloride	5.444	62	9002	0.24 ppb	96
7) 1,3-butadiene	5.567		6345m	0.23 ppb	
8) Bromomethane	5.946	94	8963m	0.21 ppb	
9) Chloroethane	6.141	64	3539m	0.20 ppb	
10) Vinyl Bromide	6.507		9038	0.23 ppb	95
11) Freon 11	6.801	101	43542	0.26 ppb	99
12) Acetone	7.029	58 45	3690m	0.22 ppb	
13) Isopropyl alcohol 14) 1,1-dichloroethene	7.137 7.582	45 96	7045m 5934	0.27 ppb 0.23 ppb	98
15) Freon 113	7.786		22213	0.23 ppb 0.22 ppb	95
16) Methylene chloride	8.059	84	8696	0.22 ppb	
17) Allyl chloride	8.035	41	5841	0.22 ppb	# 64
18) Carbon disulfide	8.227	76	26044m	0.23 ppb	
19) trans-1,2-dichloroethene	9.011	61	8057	0.22 ppb	95
20) methyl tert-butyl ether	9.080	73	8136	0.18 ppb	# 30
21) 1,1-dichloroethane	9.428	63	16594	0.22 ppb	100
22) Vinyl acetate 24) cis-1,2-dichloroethene	9.440 10.359	43 61	7326 6559	0.20 ppb 0.18 ppb	99 91
25) Hexane	9.971	41	5419	0.15 ppb	
26) Ethyl acetate	10.608	43	8442	0.16 ppb	" 1 3
27) Chloroform	10.965	83	20525m	0.22 ppb	
28) Tetrahydrofuran	11.307	42	3947m	0.23 ppb	
29) 1,2-dichloroethane	11.992	62	12079m	0.21 ppb	
31) 1,1,1-trichloroethane	11.742	97	19562m	0.21 ppb	
32) Cyclohexane	12.385		5∠63 ▼	0.15 ppb	
33) Carbon tetrachloride	12.325		23013	0.21 ppb	98
34) Benzene	12.298 13.048	78 57	16466	0.19 ppb	96 92
36) 2,2,4-trimethylpentane 37) Heptane	13.339	43	18514 5959	0.15 ppb 0.14 ppb	92 98
38) Trichloroethene	13.469	130	7993	0.14 ppb	95
39) 1,2-dichloropropane	13.556	63	7548	0.17 ppb	96
40) Bromodichloromethane	13.853	83	19154	0.19 ppb	96
41) cis-1,3-dichloropropene	14.567	75	7302	0.15 ppb	90
42) trans-1,3-dichloropropene		75	6010	0.17 ppb	85
43) 1,1,2-trichloroethane	15.510	97	11059	0.21 ppb	98
45) Toluene	15.312	92	7704	0.14 ppb	98
46) Methyl Isobutyl Ketone	14.528	43	8899	0.18 ppb	92
47) Dibromochloromethane 48) Methyl Butyl Ketone	16.140	129	17091	0.22 ppb	96 93
48) Methyl Butyl Ketone 49) 1,2-dibromoethane	15.687 16.375	43 107	6900 12544	0.18 ppb 0.19 ppb	93 94
50) Tetrachloroethylene	16.224	164	8242	0.18 ppb	91
51) Chlorobenzene	17.092	112	15960	0.19 ppb	97

. DUU20524.D : 6 Feb 2008 Operator : Sample 4:17 am

Sample : B1UT_0.15 Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 06 11:43:44 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

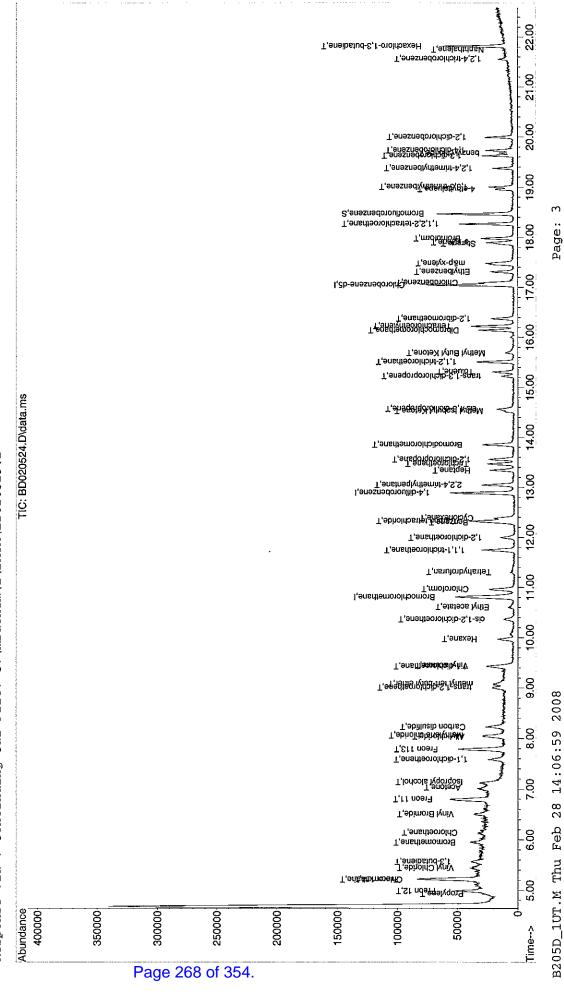
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
52) Ethylbenzene	17.311	91	14054	0.14 ppb	96
53) m&p-xylene	17.476	91	22562	0.22 ppb	97
54) Styrene	17.872	104	7141	0.14 ppb	100
55) Bromoform	17.975	173	13363	0.19 ppb	99
56) o-xylene	17.900	91	ى 11136	, 0.09 ppb	96
58) 1,1,2,2-tetrachloroethane	18.266	83	22623	0.19 ppb	94
59) 4-ethyltoluene	18.959	105	8466m	0.14 ppb	
60) 1,3,5-trimethylbenzene	19.004	105	12326m	0.10 ppb	
61) 1,2,4-trimethylbenzene	19.376	105	8661	0.12 ppb	98
62) 1,3-dichlorobenzene	19.626	146	10808	0.13 ppb	98
63) benzyl chloride	19.674	91	7292	0.12 ppb	
64) 1,4-dichlorobenzene	19.734	146	10616	0.11 ppb	
65) 1,2-dichlorobenzene	19.998	146	9712	0.12 ppb	
66) Naphthalene	21.751	128	1446	0.22 ppb	# 97
67) 1,2,4-trichlorobenzene	21.562	180	2977m	♦ 0.20 ppb	
68) Hexachloro-1,3-butadiene	21.817	225	9387	0.22 ppb	94

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

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               4:17
C:\msdchem\1\DATA\
               Feb 2008
        BD020524.D
                 o
       File
 Path
                       Operator
                               Sample
                Acg On
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B1UT_0.15 1ugM3 & 0.25TCE, CT, VNCL Sample Multiplier: ALS Vial Misc

o 06 11:43:44 2008 C:\msdchem\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration Wed Feb 06 10:15:27 2008 Continuing Cal File: C:\msdchem\1\DATA\BD020529.D Time: Feb Method QLast Update Response via Title Quant ' Quant | Quant



Data Path : C:\msdchem\1\DATA\
Data File : BD020525.D

Acq On : 6 Feb 2008 Operator : 4:49 am

Sample : B1UT_0.10

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 06 10:34:07 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.815 12.886 17.050	128 114 117	21078 49302 49341	1.00 ppb 1.00 ppb 1.00 ppb	0.00 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70		20700 Recover	0.76 ppb y = 76.	
Target Compounds 6) Vinyl Chloride 33) Carbon tetrachloride 38) Trichloroethene	5.432 12.325 13.466	62 117 130	4144 9563 3382	0.11 ppb 0.09 ppb 0.07 ppb	Qvalue 50 94 96

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

BD020525.D 6 Feb 2008 Data Path Data File

Acq On

4:49 am

Operator

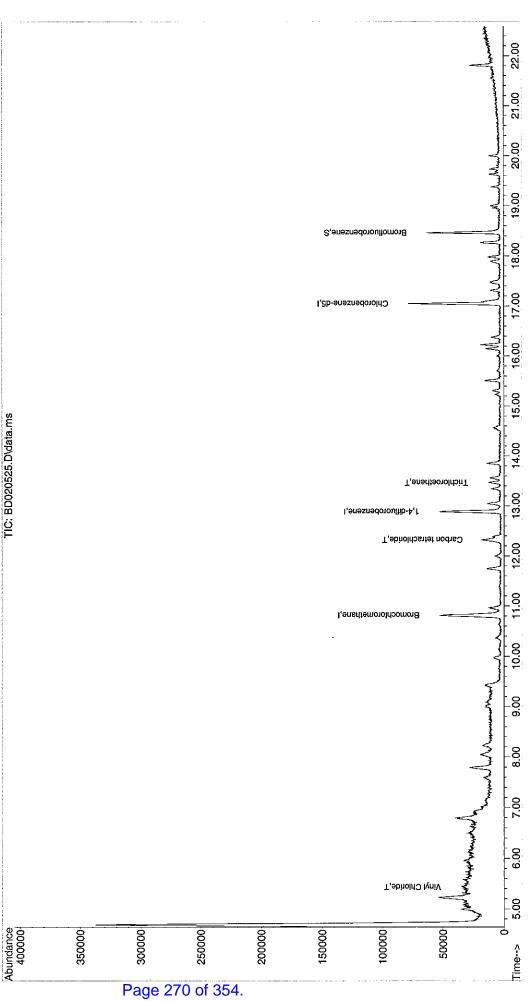
Sample

Misc

BlUT_0.10 lugm3 & 0.25TCE, CT, VNCL 20 sample Multiplier: 1 ALS Vial

06 10:34:07 2008 Quant Time: Feb

Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M Quant Title: TO-15 VOA Standards for 5 point calibration QLast Update: Wed Feb 06 10:15:27 2008 Response via: Continuing Cal File: C:\msdchem\1\DATA\BD020529.D



B205D_1UT.M Thu Feb 28 14:07:01 2008

Page:

Data File : BD020528.D

Acq On : 6 Feb 2008 6:26 am

Operator :

: B1UT_0.04 Sample

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 06 10:36:33 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.821 12.892 17.050	128 114 117	19273 45238 46472	1.00 ppb 1.00 ppb 1.00 ppb	0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70			0.76 ppb ry = 76	
Target Compounds 33) Carbon tetrachloride 38) Trichloroethene	12.334 13.463	117 130	4003m	0.04 ppb 0.04 ppb	Qvalue

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

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C:\msdchem\1\DATA\
BD020528.D
  Data Path
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6:26 6 Feb 2008 File Acg On Data

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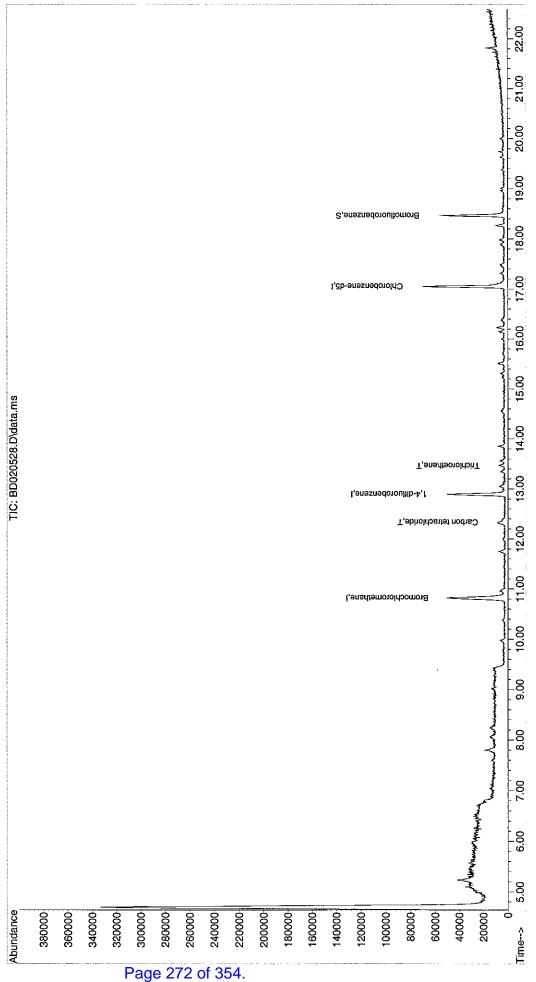
Operator

Sample

BlUT_0.04 lugM3 & 0.25TCE, CT, VNCL 23 Sample Multiniier. 1 ALS Vial Misc

Quant Time: Feb 06 10:36:33 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 10:15:27 2008
Response via: Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

TIC: BD020528.D\data.ms Abundance



B205D_1UT.M Thu Feb 28 14:07:04 2008

Page:

Data Path : C:\msdchem\1\DATA\
Data File : BD020529.D

: 6 Feb 2008 Acq On 6:59 am

Operator :

: B1UT_1.0 Sample

: $1 ugM\overline{3} \& 0.25 TCE$, CT, VNCL Misc ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 06 10:14:21 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:10:22 2008

Internal Standards	Compound	R.T.	QIon	Response	Conc U	nits	Dev(Mi	n)
300 1,4-difluorobenzene						_	_	
Add Chlorobenzene-d5								
System Monitoring Compounds 18.467 95 30099 1.00 ppb 0.00 Spiked Amount 1.000 Range 70 - 130 Recovery = 100.00\$ 20 20 20 20 20 20 20								
Spiked Amount 1.000 Range 70 - 130 Recovery = 100.00%	44) Chlorobenzene-d5	17.044	117	54629	1.00	ppb	U	00.00
Target Compounds	System Monitoring Compounds							
Target Compounds 2) Propylene 4.940 41 31570 1.00 ppb 100 3) Freon 12 4.988 85 202339 1.00 ppb 100 4) Chloromethane 5.219 50 53691 1.00 ppb 100 6) Vinyl Chloride 5.222 85 177394 1.00 ppb 100 7) 1,3-butadiene 5.567 39 29083 1.00 ppb 100 8) Bromomethane 5.949 94 45376 1.00 ppb 100 9) Chloroethane 6.138 64 19063 1.00 ppb 100 1) Vinyl Bromide 6.507 106 42034 1.00 ppb 100 1) Freon 11 6.798 101 175490 1.00 ppb 100 1) Freon 11 6.798 101 175490 1.00 ppb 100 1) Isopropyl alcohol 7.138 45 27368 1.00 ppb 100 1,1-dichloroethene 7.585 96 27290 1.01 ppb 99 15) Freon 113 7.792 101 105855 1.00 ppb 100 17) Allyl chloride 8.059 84 41142 1.00 ppb 100 18) Carbon disulfide 8.044 41 28043 1.00 ppb 100 19) trans-1,2-dichloroethene 9.005 61 38350 1.00 ppb 100 10) methyl tert-butyl ether 9.434 63 79254 1.00 ppb 100 20) methyl tert-butyl ether 9.434 63 79254 1.00 ppb 100 21) 1,1-dichloroethane 9.434 63 79254 1.00 ppb 100 22) Vinyl acetate 9.428 43 39548 1.00 ppb 100 23) Hexane 9.998 43 78110m 1.00 ppb 100 24) cis-1,2-dichloroethane 10.362 61 38133 1.00 ppb 100 25) Hexane 9.998 43 78110m 1.00 ppb 100 26) Ethyl acetate 10.569 43 55033m 1.00 ppb 100 25) Hexane 9.998 43 78110m 1.00 ppb 100 26) Ethyl acetate 10.569 43 55033m 1.00 ppb 100 27) Chloroform 10.959 83 98580 1.00 ppb 100 28) Etrahydrofuran 11.259 42 18331m 1.00 ppb 100 29) 1,2-dichloroethane 11.992 62 61674 1.00 ppb 100 31) 1,1,1-trichloroethane 11.992 62 61674 1.00 ppb 100 32) Cyclohexane 12.391 56 36853 1.00 ppb 100 33) Carbon tetrachloride 12.322 117 115906 1.00 ppb 100 34) Benzene 12.295 78 88899m 1.00 ppb 100 35) 1,4-dioxane 13.860 89 228m 1.00 ppb 100 36) Ethyl acetate 13.472 130 47576 1.00 ppb 100 37) Heptane 13.464 57 131801 1.00 ppb 100 38) Trichloroethane 13.850 83 102473 1.00 ppb 100 39) 1,2-dichloropropene 14.567 75 51283 1.00 ppb 100 40) Bromodichloromethane 15.504 97 5525 0.099 ppb 99 45) Toluene 15.004 97 552	- ·			30099				00
25 Propylene	Spiked Amount 1.000	Range 70	- 130	Recove	cy =	100	.00%	
3 Freon 12	Target Compounds						Qvalu	ıe
Chloromethame	Propylene	4.940	41		1.00	ppb	1	.00
Section 14	3) Freon 12							
6) Vinyl Chloride 7) 1,3-butadiene 5) 5,567 7) 29083 8) Bromomethane 5) 949 94 45376 1.00 ppb 100 10) Vinyl Bromide 6.138 64 19063 1.00 ppb 100 11) Freon 11 6.798 101 175490 12) Acetone 7.014 58 18158m 1.00 ppb 100 11) Freon 11 6.798 101 175490 1.01 12) Acetone 7.014 58 18158m 1.00 ppb 100 11) Freon 11 7.138 45 27368 1.00 ppb 100 11) Freon 13 7.792 101 10855 1.00 ppb 100 11) Freon 13 7.792 101 10855 1.00 ppb 100 11) Ppb 100 11) Allyl chloride 8.059 84 41142 1.00 ppb 100 11) Allyl chloride 8.044 41 28043 1.00 ppb 100 11) Earbon disulfide 8.027 76 120912 1.00 ppb 100 19) trans-1,2-dichloroethene 9.055 101 11,-dichloroethane 9.434 102 103 ppb 100 11.01 ppb 100 120 methyl tert-butyl ether 9.434 100 ppb 100 11.01 ppb 100 120 methyl Ethyl Ketone 9.998 13 3850 1.00 ppb 100 11.00 ppb 100 12.01 in-dichloroethane 10.362 13 8133 1.00 ppb 100 11.00 ppb 100	4) Chloromethane							
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12) Acetone				42034	1.00	ppb		
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47) Dibromochloromethane 16.140 129 84616 1.00 ppb 100								
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40, HOULT DUCKT ROCOHO 10.010 40 41010 1.00 PPD 100	48) Methyl Butyl Ketone	15.678	43	41272	1.00	ppb		.00
49) 1,2-dibromoethane 16.372 107 71026 1.00 ppb 100		16.372	107	71026	1.00	ppb	1	-00

Data File : BD020529.D

Acq On : 6 Feb 2008

Operator :

: B1UT_1.0 Sample

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 06 10:14:21 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

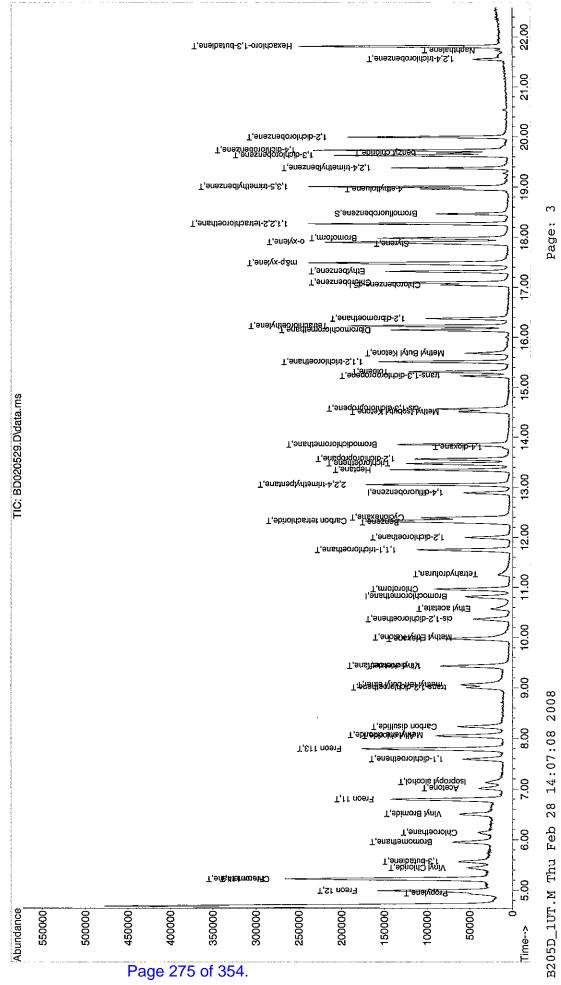
Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:10:22 2008

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) Tetrachloroethylene	16.224	164	48043	1.01 ppb	99
51) Chlorobenzene	17.092	112	89444	1.00 ppb	100
52) Ethylbenzene	17.314	91	104856	1.00 ppb	100
53) m&p-xylene	17.482	91	219494	2.00 ppb	100
54) Styrene	17.867	104	56271	. 1.00 ppb	100
55) Bromoform	17.978	173	77208 🏌	1.00 ppb	100
56) o-xylene	17.900	91	126399m	, 1.00 ppb	
58) 1,1,2,2-tetrachloroethane	18.263	83	126994	1.00 ppb	100
59) 4-ethyltoluene	18.956	105	65170m		
60) 1,3,5-trimethylbenzene	19.004	105	131969m ,	1.00 ppb	
61) 1,2,4-trimethylbenzene	19.380	105	77444	1.00 ppb	100
62) 1,3-dichlorobenzene	19.629	146	91404	1.00 ppb	100
63) benzyl chloride	19.674	91	63915	1.00 ppb	100
64) 1,4-dichlorobenzene	19.734	146	102662	1.00 ppb	100
65) 1,2-dichlorobenzene	19.992	146	84430	1.00 ppb	
66) Naphthalene	21.733	128	6942	1.00 ppb	100
67) 1,2,4-trichlorobenzene	21.556	180	15722	1.00 ppb	100
68) Hexachloro-1,3-butadiene	21.814	225	45815	1.00 ppb	100

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

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CT, VNCL
                                                Sample Multiplier: 1
                6:59
C:\msdchem\1\DATA\
                                        & 0.25TCE,
                Feb 2008
       BD020529.D
                                        1ugM3
                 Q
       File
 Path
                                         Misc
ALS Vial
                         Operator
                                 Sample
                Acq On
        Data
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Standards for 5_point calibration 10:10:22 2008 Cal File: C:\msdchem\1\DATA\BD020529.D 0.06 10:14:21 2008 C:\msdchem\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point Wed Feb 06 10:10:22 2008 Continuing Feb Method Dlast Update Response via Time: Title Quant] Quant Quant



Data Path : C:\msdchem\1\DATA\
Data File : BD020530.D

: 6 Feb 2008 Acq On 7:32 am

Operator :

: B1UT_1.25 Sample

: $1 \text{ugM} \overline{3} \& 0.25 \text{TCE}$, CT, VNCL Misc ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 06 10:17:22 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Theternal Standards	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
300 1,4-diffluorobenzene		10.015	100	01000	1 001-	0.00
System Monitoring Compounds 17.044 117 54854 1.00 ppb 0.00						
System Monitoring Compounds 18.464 95 31240 1.03 ppb 0.00 Spiked Amount 1.000 Range 70 - 130 Recovery = 103.00% 103.00%						
Spiked Amount	44) Chiorobenzene-do	17.044	111	34634	1.00 ppb	0.00
Target Compounds	System Monitoring Compounds					
Target Compounds	-					
25	Spiked Amount 1.000	Range 70	- 130	Recove	ry = 103	.00%
3 Freon 12	Target Compounds					Qvalue
4) Chloromethane 5.228 50 56458 1.03 ppb 99 5) Freon 114 5.225 85 185843 1.02 ppb 98 6) Vinyl Chloride 5.444 62 42956 1.05 ppb 99 7) 1,3-butadiene 5.567 39 36206 1.22 ppb 89 8) Bromomethane 5.952 94 48659 1.05 ppb 94 9) Chloroethane 6.138 64 19091 0.98 ppb # 44 10) Vinyl Bromide 6.504 106 43640 1.02 ppb 98 11) Freon 11 6.792 101 212258 1.18 ppb 99 12) Acetone 7.008 58 22584 1.22 ppb 91 13) Isopropyl alcohol 7.122 45 38889 1.39 ppb # 100 14) 1,1-dichloroethene 7.591 96 29032 1.04 ppb 99 15) Freon 113 7.786 101 106634 0.99 ppb 98 16) Methylene chloride 8.044 41 29697 1.04 ppb 99 17) Allyl chloride 8.044 41 29697 1.04 ppb 98 18) Carbon disulfide 8.044 41 29697 1.04 ppb 98 19) trans-1,2-dichloroethene 9.005 61 39464 1.01 ppb 98 20) methyl tert-butyl ether 9.005 61 39464 1.01 ppb 98 21) I,1-dichloroethane 9.434 63 78573 0.97 ppb 96 22) Vinyl acetate 9.434 43 40121 0.99 ppb 97 23) Methyl Ethyl Ketone 9.983 43 70894 0.89 ppb 99 24) cis-1,2-dichloroethane 10.374 61 37051 0.95 ppb 99 25) Hexane 9.977 41 38758 0.99 ppb 99 26) Ethyl acetate 10.566 43 53724 0.95 ppb 99 27) Chloroform 10.965 83 96643 0.96 ppb 99 28) Tetrahydrofuran 11.247 42 17317 0.92 ppb 97 29) 1,1-trichloroethane 11.745 97 96130 0.95 ppb 97 21) 1,1-trichloroethane 11.745 97 96130 0.95 ppb 97 21) 1,1-trichloroethane 11.745 97 96130 0.95 ppb 97 22) Cyclohexane 12.328 117 114855 \$	2) Propylene	4.934	41	35723	1.11 ppb	
5) Freon 114	3) Freon 12					
6) Vinyl Chloride 7) 1,3-butadiene 7) 1,3-butadiene 7) 1,3-butadiene 8) 5.567 8) Bromomethane 9) 48659 1.05 ppb 94 9) Chloroethane 6.138 64 19091 0.98 ppb # 44 10) Vinyl Bromide 6.504 106 43640 1.02 ppb 98 11) Freon 11 6.792 101 212258 1.18 ppb 99 12) Acetone 7.008 13) Isopropyl alcohol 17.122 45 13889 1.39 ppb # 100 14) 1,1-dichloroethene 7.591 96 29032 1.04 ppb 98 16) Methylene chloride 8.056 84 42224 1.00 ppb 98 17) Allyl chloride 8.056 84 42224 1.00 ppb 98 18) Carbon disulfide 8.044 41 29697 1.04 ppb 98 19) trans-1,2-dichloroethene 9.005 101 11,1-dichloroethane 9.034 12) Acetate 9.043 13) 1346 14) 1,1-dichloroethane 9.434 15) 1,1-dichloroethane 10.374 16) 37051 17) 1,1-dichloroethane 10.374 11,1-trichloroethane 11.247 12) 1,2-dichloroethane 11.247 12) 1,2-dichloroethane 11.247 12) 1,1-dichloroethane 11.247 12) 1,2-dichloroethane 11.2485 117 114855 119 114859	4) Chloromethane					
8) Bromomethane				185843		
8) Bromomethane				42956		
9) Chloroethane 6.138 64 19091 0.98 ppb # 44 10) Vinyl Bromide 6.504 106 43640 1.02 ppb 98 11) Freon 11 6.792 101 212258 1.18 ppb 99 12) Acetone 7.008 58 22584 1.22 ppb 91 13) Isopropyl alcohol 7.122 45 38889 1.39 ppb # 100 14) 1,1-dichloroethene 7.591 96 29032 1.04 ppb 99 15) Freon 113 7.786 101 106634 0.99 ppb 98 16) Methylene chloride 8.045 84 42224 1.00 ppb 99 17) Allyl chloride 8.044 41 29697 1.04 ppb 98 18) Carbon disulfide 8.230 76 121374 0.98 ppb 98 19) trans-1,2-dichloroethene 9.005 61 39464 1.01 ppb 98 20) methyl tert-butyl ether 9.065 73 50643 1.03 ppb 97 21) 1,1-dichloroethane 9.434 43 40121 0.99 ppb 97 22) Vinyl acetate 9.434 43 40121 0.99 ppb 97 23) Methyl Ethyl Ketone 9.983 43 70894 0.89 ppb 97 23) Methyl Ethyl Retone 9.983 43 70894 0.89 ppb 99 26) Ethyl acetate 10.566 43 53724 0.95 ppb 99 26) Ethyl acetate 10.566 43 53724 0.95 ppb 99 27) Chloroform 10.965 83 96643 0.96 ppb 99 28) Tetrahydrofuran 11.247 42 17317 0.92 ppb 98 28) 1,2-dichloroethane 11.745 97 96130 0.95 ppb 99 28) 1,2-dichloroethane 11.745 97 96130 0.95 ppb 97 31) 1,1,1-trichloroethane 11.745 97 96130 0.95 ppb 97 32) Cyclohexane 12.385 56 37849 0.99 ppb 97 33) Carbon tetrachloride 12.328 177 114855 1.4 ppb 97 34) Benzene 13.348 43 4246 0.93 ppb 97 35) 1,4-dioxane 13.769 88 11242m 0.99 ppb 97 36) 2,2,4-trimethylpentane 13.348 43 4246 0.93 ppb 97 37) Heptane 13.466 130 47571 0.99 ppb 97 38) Trichloroethene 13.348 43 4246 0.93 ppb 97 39) 1,2-dichloropropane 13.562 63 42085 0.87 ppb 97 40) Bromodichloromethane 13.847 83 99396 0.90 ppb 99 41) cis-1,3-dichloropropene 14.561 75 51867 0.94 ppb 97 42) trans-1,3-dichloropropene 15.222 75 35897 0.93 ppb 99 43) 1,1,2-trichloroethane 15.507 97 54688 0.92 ppb 100 44) Methyl Isobutyl Ketone 14.507 43 57003 1.05 ppb 97 45) Dibromochloromethane 15.507 97 54688 0.92 ppb 97 46) Methyl Isobutyl Ketone 14.507 43 57003 1.05 ppb 97 47) Dibromochloromethane 16.146 129 83519 0.98 ppb 98 48) Methyl Butyl Ketone 15.684 43 48123 1.16 ppb				0000		
10 Vinyl Bromide	-,					
11) Freon 11 Acetone 7.008 7.009						
12) Acetone 7.008 58 22584 1.22 ppb 91 13) Isopropyl alcohol 7.122 45 38889 1.39 ppb # 100 14) 1,1-dichloroethene 7.591 96 29032 1.04 ppb 99 15) Freon 113 7.786 101 106634 0.99 ppb 98 16) Methylene chloride 8.056 84 42224 1.00 ppb 98 17) Allyl chloride 8.044 41 29697 1.04 ppb 98 18) Carbon disulfide 8.230 76 121374 0.98 ppb 98 19) trans-1,2-dichloroethene 9.005 61 39464 1.01 ppb 98 20) methyl tert-butyl ether 9.065 73 50643 1.03 ppb 97 21) 1,1-dichloroethane 9.434 63 78573 0.97 ppb 96 22) Vinyl acetate 9.434 43 40121 0.99 ppb 97 23) Methyl Ethyl Ketone 9.983 43 70894 0.89 ppb 97 24) cis-1,2-dichloroethene 10.374 61 37051 0.95 ppb 99 25) Hexane 9.977 41 38758 0.99 ppb 99 26) Ethyl acetate 10.566 43 53724 0.95 ppb 99 27) Chloroform 10.965 83 96643 0.96 ppb 99 28) Tetrahydrofuran 11.247 42 17317 0.92 ppb 98 29) 1,2-dichloroethane 11.745 97 96130 0.96 ppb 97 31) 1,1,1-trichloroethane 11.745 97 96130 0.95 ppb 97 32) Cyclohexane 12.338 56 37849 0.96 ppb 97 33) Carbon tetrachloride 12.328 117 114855 14 0.92 ppb 97 34) Benzene 12.298 78 89402m 0.96 ppb 97 33) Carbon tetrachloride 12.328 117 114855 14 0.92 ppb 99 37) Heptane 13.348 43 44246 0.93 ppb 97 38) Trichloroethene 13.466 130 47571 0.93 ppb 99 37) Heptane 13.466 130 47571 0.93 ppb 99 38) 1,2-dichloropropene 14.561 75 51867 0.94 ppb 97 39) 1,2-dichloropropene 15.222 75 35897 0.93 ppb 97 40) Bromodichloromethane 15.507 97 54688 0.92 ppb 97 42) trans-1,3-dichloropropene 15.222 75 35897 0.93 ppb 97 42) trans-1,3-dichloropropene 15.522 97 54688 0.92 ppb 100 45) Toluene 15.309 92 55186 0.95 ppb 97 46) Methyl Isobutyl Ketone 14.507 43 57003 1.05 ppb 97 47) Dibromochloromethane 16.146 129 83519 0.98 ppb 98 48) Methyl Butyl Ketone 15.684 43 48123 1.16 ppb						
13) Isopropyl alcohol 7.122 45 38889 1.39 ppb # 100 14) 1,1-dichloroethene 7.591 96 29032 1.04 ppb 98 15) Freon 113 7.786 101 106634 0.99 ppb 98 16) Methylene chloride 8.056 84 42224 1.00 ppb 99 17) Allyl chloride 8.044 41 29697 1.04 ppb 98 18) Carbon disulfide 8.230 76 121374 0.98 ppb 98 19) trans-1,2-dichloroethene 9.005 61 39464 1.01 ppb 98 20) methyl tert-butyl ether 9.065 73 50643 1.03 ppb 97 21) 1,1-dichloroethane 9.434 63 78573 0.97 ppb 96 22) Vinyl acetate 9.434 43 40121 0.99 ppb 97 23) Methyl Ethyl Ketone 9.983 43 70894 0.89 ppb 97 23) Methyl Ethyl Ketone 9.983 43 70894 0.89 ppb 97 24) tcis-1,2-dichloroethene 10.374 61 37051 0.95 ppb 99 25) Hexane 9.977 41 38758 0.99 ppb 99 26) Ethyl acetate 10.566 43 53724 0.95 ppb 99 26) Ethyl acetate 10.566 43 53724 0.95 ppb 99 27) Chloroform 10.965 83 96643 0.96 ppb 99 28) Tetrahydrofuran 11.247 42 17317 0.92 ppb 98 29) 1,2-dichloroethane 11.989 62 58972 0.94 ppb 97 32) Cyclohexane 12.238 17 14855 40 0.95 ppb 97 32) Cyclohexane 12.328 117 14855 40 0.96 ppb 97 33) Carbon tetrachloride 12.328 117 14855 40 0.99 ppb 97 33) Benzene 12.228 78 89402m 1.14 ppb 0.96 ppb 99 37 Heptane 13.466 130 47571 0.93 ppb 97 37 Heptane 13.466 130 47571 0.93 ppb 97 37 Heptane 13.466 130 47571 0.93 ppb 97 38 Trichloroethane 13.562 63 42085 0.87 ppb 97 37 40 Bromodichloromethane 13.562 63 42085 0.87 ppb 97 40 Bromodichloromethane 15.507 97 54688 0.92 ppb 100 45 Toluene 15.309 92 55186 0.95 ppb 97 42) trans-1,3-dichloropropene 14.561 75 51867 0.94 ppb 97 42) trans-1,3-dichloropropene 15.522 75 35897 0.93 ppb 97 42) trans-1,3-dichloropropene 15.522 75 35897 0.93 ppb 97 42) trans-1,3-dichloropropene 15.527 97 54688 0.92 ppb 100 45 Toluene 15.309 92 55186 0.95 ppb 98 48 Methyl Butyl Ketone 15.684 43 48123 1.16 ppb 96	· · · · · · · · · · · · · · · · · · ·					
14) 1,1-dichloroethene						
15) Freon 113						
16) Methylene chloride						
17) Allyl chloride 18	•					
18) Carbon disulfide 19) trans-1,2-dichloroethene 20) methyl tert-butyl ether 21) 1,1-dichloroethane 22) Winyl acetate 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 32) Methyl Ethyl Ketone 33, Methyl Ethyl Ketone 34, Methyl Ethyl Ketone 35, Methyl Ethyl Ketone 36, Methyl Ethyl Ketone 37, Methyl Ethyl Ketone 38, Methyl Ethyl Ketone 39, Methyl Ethyl Ketone 39, Methyl Ethyl Ketone 39, Methyl Ethyl Ketone 30, Methyl Ethyl Ketone 30, Methyl Ethyl Ketone 30, Methyl Ethyl Ketone 30, Methyl Ethyl Ketone 30, Methyl Ethyl Ketone 30, Methyl Ketone 30, Methyl Ethyl Ketone 30, Methyl Ethyl Ketone 31, Methyl Retone 32, Methyl Retone 33, Methyl Retone 34, Methyl Retone 35, Methyl Retone 36, Methyl Retone 37, Methyl Retone 38, Methyl Retone 39, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 31, Methyl Retone 32, Methyl Retone 34, Methyl Retone 35, Methyl Retone 36, Methyl Retone 37, Methyl Retone 38, Methyl Retone 39, Methyl Retone 30, Methyl Retone 30, Methyl Retone 30, Methyl Retone 31, Methyl Retone 32, Methyl Retone 34, Methyl Retone 34, Methyl Retone 35, Methyl Retone 36, Methyl Retone 36, Methyl Retyl Ketone 36, Methyl Retone 37, Methyl Retone 38, Methyl Retone 38, Methyl Retone 39, Methyl Retone 30, Methyl Retone 3						
19) trans-1,2-dichloroethene 9.005 61 39464 1.01 ppb 98 20) methyl tert-butyl ether 9.065 73 50643 1.03 ppb 97 21) 1,1-dichloroethane 9.434 63 78573 0.97 ppb 96 22) Vinyl acetate 9.434 43 40121 0.99 ppb 97 23) Methyl Ethyl Ketone 9.983 43 70894 0.89 ppb 91 24) cis-1,2-dichloroethene 10.374 61 37051 0.95 ppb 99 25) Hexane 9.977 41 38758 0.99 ppb 99 26) Ethyl acetate 10.566 43 37551 0.95 ppb 99 27) Chloroform 10.965 83 96643 0.96 ppb 99 28) Tetrahydrofuran 11.247 42 17317 0.92 ppb 98 29) 1,2-dichloroethane 11.989 62 58972 0.94 ppb 97 31) 1,1,1-trichloroethane 11.745 97 96130 0.95 ppb 97 32) Cyclohexane 12.385 56 37849 0.96 ppb 97 32) Cyclohexane 12.385 56 37849 0.96 ppb 97 34) Benzene 12.298 78 89402m 0.96 ppb 97 34) Benzene 12.298 78 89402m 0.96 ppb 99 37) Heptane 13.348 43 44246 0.93 ppb 97 38) Trichloroethene 13.466 130 47571 0.93 ppb 97 38) Trichloroethene 13.466 130 47571 0.93 ppb 97 38) Trichloroethene 13.466 130 47571 0.93 ppb 97 38) 1,2-dichloropropane 13.562 63 42085 0.87 ppb 97 40) Bromodichloromethane 13.847 83 99396 0.90 ppb 99 41) cis-1,3-dichloropropene 14.561 75 51867 0.94 ppb 97 42) trans-1,3-dichloropropene 15.222 75 35897 0.93 ppb 97 42) trans-1,3-dichloropropene 15.222 75 35897 0.93 ppb 97 42) trans-1,3-dichloropropene 15.222 75 35897 0.93 ppb 97 40) Methyl Isobutyl Ketone 15.507 97 54688 0.92 ppb 97 40) Methyl Isobutyl Ketone 15.684 43 48123 1.16 ppb 96						
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26) Ethyl acetate					0.93 ppb	رر ۵۵
27) Chloroform					0.95 ppd dag 28 N	99
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29) 1,2-dichloroethane					0.50 ppb	98
31) 1,1,1-trichloroethane 11.745 97 96130 0.95 ppb 97 32) Cyclohexane 12.385 56 37849 0.96 ppb # 69 33) Carbon tetrachloride 12.328 117 114855 1.092 ppb 97 34) Benzene 12.298 78 89402m 0.94 ppb 1.14 ppb 35) 1,4-dioxane 13.769 88 11242m 1.14 ppb 1.14 ppb 1.14 ppb 1.14 ppb 1.14 ppb 1.14 ppb 1.15 ppb 1						
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42) trans-1,3-dichloropropene 15.222 75 35897 0.93 ppb 89 43) 1,1,2-trichloroethane 15.507 97 54688 0.92 ppb 100 45) Toluene 15.309 92 55186 0.95 ppb 95 46) Methyl Isobutyl Ketone 14.507 43 57003 1.05 ppb 97 47) Dibromochloromethane 16.146 129 83519 0.98 ppb 98 48) Methyl Butyl Ketone 15.684 43 48123 1.16 ppb 96						
43) 1,1,2-trichloroethane 15.507 97 54688 0.92 ppb 100 45) Toluene 15.309 92 55186 0.95 ppb 95 46) Methyl Isobutyl Ketone 14.507 43 57003 1.05 ppb 97 47) Dibromochloromethane 16.146 129 83519 0.98 ppb 98 48) Methyl Butyl Ketone 15.684 43 48123 1.16 ppb 96						
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46) Methyl Isobutyl Ketone 14.507 43 57003 1.05 ppb 97 47) Dibromochloromethane 16.146 129 83519 0.98 ppb 98 48) Methyl Butyl Ketone 15.684 43 48123 1.16 ppb 96	· · · ·					
47) Dibromochloromethane 16.146 129 83519 0.98 ppb 98 48) Methyl Butyl Ketone 15.684 43 48123 1.16 ppb 96						
48) Methyl Butyl Ketone 15.684 43 48123 1.16 ppb 96					dqq 80.0	98
49) 1,2-dibromoethane 16.374 107 70382 0.99 ppb 98					1.16 ppb	96
	49) 1,2-dibromoethane	16.374	107	70382	0.99 ppb	98

Data File : BD020530.D

Acq On : 6 Feb 2008 7:32 am

Operator :

: B1UT_1.25 Sample

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 06 10:17:22 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound		R.T.	QIon	Response	Conc Uni	ts.	Dev(Min)
50) Tetrachloro	ethylene	16.224	164	45488	0.94 p		100
51) Chlorobenze	ne	17.089	112	88687	0.99 p	pb	97
52) Ethylbenzen	<u>e</u>	17.311	91	99719	0.95 p	φb	99
53) m&p-xylene		17.482	91	210612	1.91 p	pb	99
54) Styrene		17.866	104	56084	0.99 p	pb	99
55) Bromoform		17.977	173	74517	0.96 p	gb	99
56) o-xylene		17.896	91	ى 120920	0.95 p	dq	98
58) 1,1,2,2-tet	rachloroethane	18.266	83	127743	1.00 p	pb	97
59) 4-ethyltolu	ene	18.956	105	63521m	0.97 p		
60) 1,3,5-trime	thylbenzene	19.001	105	126774m	0.96 p		
61) 1,2,4-trime	thylbenzene	19.376	105	76381	0.98 p	gb	96
62) 1,3-dichlor	obenzene	19.626	146	90710	0.99 p	pb	98
63) benzyl chlo	ride	19.674	91	63572	0.99 p	pb	98
64) 1,4-dichlor	obenzene	19.731	146	101876	0.99 p		99
65) 1,2-dichlor	obenzene	19.995	146	82209	0.97 p	dqı	99
66) Naphthalene		21.724	128	10979	1.58 p		# 94
67) 1,2,4-trich	lorobenzene	21.547	180	22251	1.41 p		97
68) Hexachloro-	1,3-butadiene	21.805	225	53141	1.16 p	dq	98

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

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              7:32
C:\msdchem\1\DATA\
              Feb 2008
      BD020530.D
               ڡ
       File
 Path
                       Operator
               Acg On
        Data
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BlUT_1.25 lugm3 & 0.25TCE, CT, VNCL 25 Sample Multinlier. 1 ALS Vial Sample Misc

Quant Time: Feb 06 10:17:22 2008
Quant Method: C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Wed Feb 06 10:15:27 2008
Response via: Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

22,00 T.analshidqsV T, 2, 4-trichlorobenzene, T 21.00 20.00 T,snaznadoroldoib-S,f T,anasmadoroldsib-8,f T,eneznedlydtemint-4,2,f 19.00 T,eneznedtyhtemint-č,£,† S.eneznedonoullomor8 T,9nsdheoroldcattet-2,2,1,1 18.00 T,enelyx-P,rmotomotB T,ənəlyx-q&m **Т**,9п9≤п9dlyf1∃ 17.00 T,enezned&h@Resenedorold T,ənəlvfilgilgilgilgənon<u>oidiQ</u> T,ənsitiəomoidib-S,t 16.00 T,1,2-trichloroethane,T,T,thethoroethane,T, Amerinyl Butyl Ketone,T T,anaqorgololdəib-£,1<u>-ansıt</u> 15.00 TIC: BD020530.D\data.ms T, ən अनु ३१ थ्रिस अप्रिक्त अप्रिक्त में अप्रिक्त में 14.00 Bromodichloromethane,T T,4-dioxane,1 I, anasnadovoultib-b, t T, anasnadovoultib-b, t 13.00 T, ebinolicantet not is TRUSTORY T 12.00 T, Snatheorothane, T T,1,1-trichloroethane,T Tetrahydrofuran,T 13.00 Bromochloromethane,I
T,rmotonothloro T,enarheorolchio-S,1-zio T,etaten scetate,T 10.00 T,enoteX Katione,T T,ensittetstadsibyA(V 9.00 Transattanonologista Petransir T,əbirdirdə ağılığı — T,əbirdirdə T,əbirdə ağılığı — T,əbirdə ağılığı ağılığı — T,əbirdə ağılığı — T,əbirdə ağılığı ağılığı — T,əbirdə ağılığı 8.00 Treon 113,T T,anartaorochaib-f,f 7.00 Acetone T. Horizolosi T,loricolsi ilgorique T,ff noer3 Tinyl Bromide,T 6.00 T.ansrbamomor8 T,9bind Chloride, T,13-butadiene, T, T,ansriffehhich**eid**al T 5.00 Freon 12,T Propylene_ Abundance 700000 650000 600000 500000 450000 350000 300000 250000 50000 200005 150000 100000 550000 Time-->

Page 278 of 354.

T,enaibstud-5,1-onoirbsxeH

Page:

28 14:07:11 2008

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B205D_1UT.M Thu

Data File : BD020531.D

Acq On : 6 Feb 2008

Operator :

: B1UT_1.50 Sample

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 06 10:19:29 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

respo	Compound					Dorr	/Minl
	Compound	R.1.			Conc Units		
Inte	rnal Standards						
1)	Bromochloromethane	10.806	$\frac{128}{114}$	21854	1.00 ppb 1.00 ppb 1.00 ppb		-0.01
30)	1,4-difluorobenzene	12.883	114	55331	1.00 ppb		0.00
44)	Bromochloromethane 1,4-difluorobenzene Chlorobenzene-d5	17.047	117	57354	1.00 ppb		0.00
	em Monitoring Compounds						
	Bromofluorobenzene	18.461	95	32278	1.02 ppb		0.00
	iked Amount 1.000	Range 70	- 130	Recove	= 102.	00%	
_		-					
	et Compounds Propylene	4.928	41	45646	1 42 pph	QV	alue 90
	Freon 12	4.988		252625	1.42 ppb 1.22 ppb		99
	Chloromethane	5.216					99
	Freon 114		85	217303	1.20 ppb		99
	Vinyl Chloride	5.219 5.447	62	217303 52767	1.20 ppb 1.30 ppb		100
	1,3-butadiene	5.570	39	40386	1.36 ppb		89
	Bromomethane	5.952	94	56806	1.23 ppb		97
,	Chloroethane	6.132	64	40386 56806 23066	1.23 ppb 1.19 ppb		95
	Vinyl Bromide	6.492	106	51261	1.20 ppb		97
	Freon 11	6.789	101	253458 18063	1.42 ppb 0.98 ppb		100
12)	Acetone	6.993					96
13)	Isopropyl alcohol	7.107	45	51270	1.84 ppb	#	
14)	1,1-dichloroethene	7.588	96	38013 127679	1.37 ppb		94
15)	Freon 113	7.783	101	127679	1.18 ppb		97
16)	Methylene chloride Allyl chloride Carbon disulfide	8.050	84	48544 36028	1.16 ppb		99
17)	Allyl chloride	8.035	41	36028	1.26 ppb		94
18)	Carbon disulfide	8.224	76		1.18 ppb		100
19)	trans-1,2-dichloroethene methyl tert-butyl ether 1,1-dichloroethane Vinyl acetate	8.996	61	47166 62498	1.21 ppb		99
20)	methyl tert-butyl ether	9.059	73	62498	1.27 ppb		97
21)	1,1-dichloroethane	9.434	63	95712	1.19 ppb		99
22)	Vinyl acetate Methyl Ethyl Ketone	9.425	43	51327 96947	1.27 ppb 1.22 ppb		97
23)	cis-1,2-dichloroethene	10.361	43 61	45199	1.22 ppb 1.16 ppb		95 98
	Hexane	9.968			1.10 ppb		93
	Ethyl acetate	10.563	43	49339 62741	1.26 ppb 1.12 ppb		97
	Chloroform	10.959		115264	1.12 ppb		99
	Tetrahydrofuran	11.238		21625	1.15 ppb		98
	1,2-dichloroethane	11.989	62	21625 69888	1.16 ppb 1.11 ppb		98
31)	1,1,1-trichloroethane	11.742	97	112487	1.11 ppb		97
32)	Cyclohexane	12.385	56	48178	1.22 ppb	#	
	Carbon tetrachloride	12.322	117	48178 137344 🚅			97
	Benzene		78	117494	1.23 ppb		96
		13.772	88	12795m	1.29 ppb		
	2,2,4-trimethylpentane	13.048	57	159134	1.13 ppb		99
	Heptane	13.345	43	55771	1.18 ppb		98
38)	Trichloroethene	13.472	130	56676	1.11 ppb		96
39)	1,2-dichloropropane	13.562	63	51948	1.07 ppb		99
40)	Bromodichloromethane	13.853	83	119327	1.09 ppb		100
41)		14.561	75	64044	1.16 ppb		98
	trans-1,3-dichloropropen		75	45906	1.19 ppb		99
	1,1,2-trichloroethane	15.510	97	64236	1.08 ppb		99
45)		15.309	92	70946	1.16 ppb		100
	Methyl Isobutyl Ketone	14.507	43	68877	1.21 ppb		96
	Dibromochloromethane	16.140	129	97587	1.10 ppb		98
	Methyl Butyl Ketone	15.678	43	58288	1.35 ppb		96
49)	1,2-dibromoethane	16.371	107	85657	1.15 ppb		99

Data File : BD020531.D

Acq On : 6 Feb 2008 8:06 am

Operator :

: B1UT_1.50 Sample

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 06 10:19:29 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

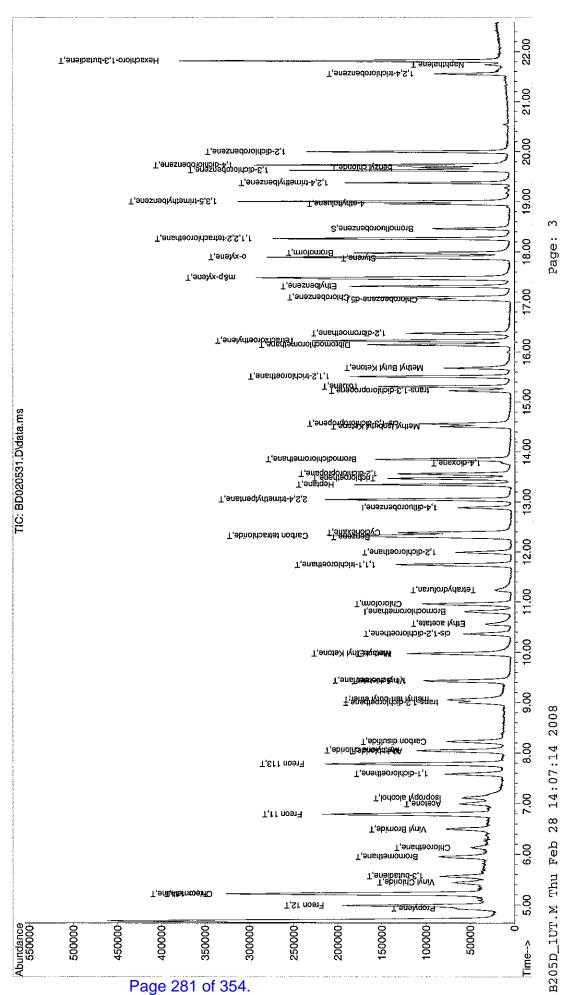
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Compound 50) Tetrachloroethylene 51) Chlorobenzene 52) Ethylbenzene 53) m&p-xylene 54) Styrene 55) Bromoform 56) o-xylene 58) 1,1,2,2-tetrachloroethane 59) 4-ethyltoluene 60) 1,3,5-trimethylbenzene	R.T. 16.224 17.089 17.314 17.485 17.869 17.977 17.893 18.266 18.959 19.004	164 112 91 91 104 173 91 83 105		1.11 ppb 1.15 ppb 1.19 ppb 2.40 ppb 1.22 ppb 1.10 ppb 1.21 ppb 1.21 ppb 1.23 ppb 1.25 ppb	99 98 100 99
61) 1,2,4-trimethylbenzene 62) 1,3-dichlorobenzene 63) benzyl chloride 64) 1,4-dichlorobenzene 65) 1,2-dichlorobenzene 66) Naphthalene 67) 1,2,4-trichlorobenzene 68) Hexachloro-1,3-butadiene	19.376 19.626 19.677 19.728 19.995 21.739 21.556 21.817	146 91 146 146 128	102382 115601 79898 133134 105941 17732 32641 70830	1.26 ppb 1.20 ppb 1.19 ppb 1.24 ppb 1.20 ppb 2.43 ppb 1.98 ppb 1.47 ppb	# 92

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

Page 280 of 354.

& 0.25TCE, CT, VNCL Sample Multiplier: 1 90:8 C:\msdchem\1\DATA\ Feb 2008 BD020531.D 1ugM3 26 S 9 Path File Acg On Operator Misc ALS Vial Sample Data

o 06 10:19:29 2008 C:\msdchem\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration Wed Feb 06 10:15:27 2008 Continuing Cal File: C:\msdchem\1\DATA\BD020529.D Method Olast Update Response via Time: Title Quant Quant Quant



Data File : BD020532.D

: 6 Feb 2008 8:41 am Acq On

Operator :

Sample : B1UT_2.0

: $1 \text{ugM} \overline{3} \& 0.25 \text{TCE}$, CT, VNCL Misc ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 06 10:21:34 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Response via: Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards						
 Bromochloromethane 	10.815		21904	1.00 ppb	0.	
30) 1,4-difluorobenzene			55926		0.	
44) Chlorobenzene-d5	17.047	117	58112	1.00 ppb	0.	00
System Monitoring Compounds						
57) Bromofluorobenzene	18.464			1.08 ppb	0.0	0
Spiked Amount 1.000 R	lange 70	- 130	Recover	ry = 108.	800	
Target Compounds					Qvalue	
2) Propylene	4.943	41	60168	1.87 ppb	9	1
3) Freon 12	5.003	85	326209	1.57 ppb	9	
4) Chloromethane	5.240		84109	1.53 ppb	9	9
5) Freon 114	5.243	85	288984	1.59 ppb	9	
6) Vinyl Chloride	5.456		63811	1.56 ppb	9	
7) 1,3-butadiene	5.589	39	52307	1.76 ppb	9	
8) Bromomethane	5.973	94	71535	1.54 ppb	9	
9) Chloroethane	6.153		30018	1.54 ppb	9	
10) Vinyl Bromide	6.522		68531	1.60 ppb	10	
11) Freon 11	6.804		332516		. 9	
12) Acetone	7.008		34972	1.89 ppb	# 7	
13) Isopropyl alcohol	7.135		44556	1.59 ppb	# 10	
14) 1,1-dichloroethene	7.606	96	48699	1.75 ppb	9	
15) Freon 113	7.801		167726	1.55 ppb	9	
16) Methylene chloride	8.056	84	66246	1.58 ppb	9	
17) Allyl chloride	8.056		48738	1.70 ppb	9	
18) Carbon disulfide	8.242		196573	1.59 ppb	10	
19) trans-1,2-dichloroethene	9.014		65737	1.68 ppb	9	
20) methyl tert-butyl ether	9.065		88903	1.80 ppb	9	
21) 1,1-dichloroethane	9.437		127956	1.58 ppb	9	
22) Vinyl acetate	9.437		70347	1.74 ppb	9	
23) Methyl Ethyl Ketone	9.983		135483	1.70 ppb	9	
24) cis-1,2-dichloroethene	10.365		62932 66151	1.62 ppb	10 # 8	
25) Hexane	9.974		84778	1.69 ppb	# 9	
26) Ethyl acetate	10.557			1.51 ppb	9	
27) Chloroform	10.965 11.232		154361 31833	1.53 ppb 1.70 ppb	9	
28) Tetrahydrofuran	11.232		95730	1.52 ppb	9	
29) 1,2-dichloroethane	11.746	02	150001	1.47 ppb	9	
31) 1,1,1-trichloroethane	12.388	56	71266	1.78 ppb		
32) Cyclohexane 33) Carbon tetrachloride	12.331	117	150821 71266 180163	1.43 ppb	10	
34) Benzene	12.298	78		6. 1.69 ppb	9	
35) 1,4-dioxane	13.772	88	18048m	1.80 ppb	,	,
36) 2,2,4-trimethylpentane	13.772	57	238328	1.67 ppb	a	4
37) Heptane	13.346	43	80787	1.68 ppb		8
38) Trichloroethene	13.469	130	77253	1.50 ppb		8
39) 1,2-dichloropropane	13.559	63	71846	1.47 ppb		9
		83	161859		10	
· · · · · · · · · · · · · · · · · · ·	13.853 14.558	75	92713	1.46 ppb	9	
		75 75	63169m \	1.67 ppb 1.61 ppb	9	,
42) trans-1,3-dichloropropene		75 97		1.46 ppb	o	9
43) 1,1,2-trichloroethane	15.504		87721 107036			
45) Toluene	15.306	92 43	107036	1.73 ppb		8 5
46) Methyl Isobutyl Ketone	14.507	43	102232	1.77 ppb		
47) Dibromochloromethane 48) Methyl Butyl Ketone	16.146	129 43	138074 84893	1.53 ppb 1.93 ppb	10 9	
	15.678 16.372	107	118933	1.53 ppb 1.57 ppb		9
49) 1,2-dibromoethane	10.3/2	TO1	110233	T.J. PDD	9	9

Data Path : C:\msdchem\1\DATA\
Data File : BD020532.D

Acq On : 6 Feb 2008 8:41 am

Operator :

Sample : B1UT_2.0

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 06 10:21:34 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 10:15:27 2008

Response via : Continuing Cal File: C:\msdchem\1\DATA\BD020529.D

	Compound	к.т.	QIon	Response	Conc Ur	iits	Dev(Min)
51)	Tetrachloroethylene Chlorobenzene Ethylbenzene m&p-xylene	16.228 17.092 17.314 17.482	112 . 91	78041 154200 208458 427312	1.53 1.62 1.87 3.66	ppb	98 98 100 99
54)	Styrene	17.870		115465 127447 *	1.93		97
	Bromoform o-xylene	17.978 17.894		254955m	1.55 1.90		99
59)	1,1,2,2-tetrachloroethane 4-ethyltoluene 1,3,5-trimethylbenzene	18.263 18.959 19.001		209579 144864m 278117m	1.55 2.09 1.98	ppb dqq	98
61)	1,2,4-trimethylbenzene	19.377	105	173669	2.11		99
63) 64)	1,3-dichlorobenzene benzyl chloride 1,4-dichlorobenzene 1,2-dichlorobenzene	19.623 19.674 19.728 19.992		168718 124543 194305 159053	1.74 1.83 1.78 1.77	ppb	99 99 99 98
66) 67)	Naphthalene 1,2,4-trichlorobenzene Hexachloro-1,3-butadiene	21.652 21.490 21.727		16624m 40493 90250	2.25 2.42 1.85	ppb dqq	88 100

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

Page: 2

Feb 2008 Acg On Operator Sample

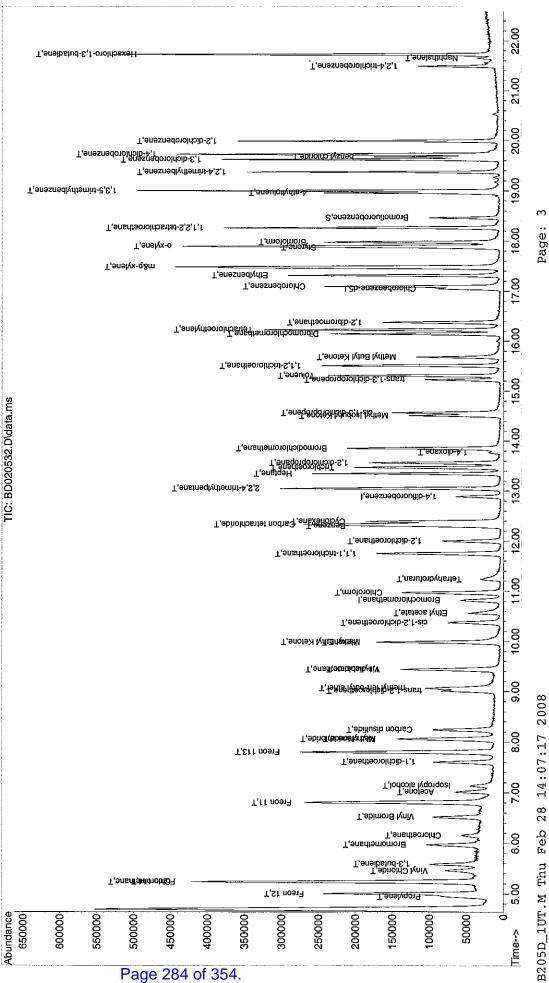
ВĦ

& 0.25TCE, CT, VNCL Sample Multiplier: 1 B1UT_2.0 1ugM3 & 0 27 Samp ALS Vial Misc

Time: Feb Quant '

06 10:21:34 2008 C:\msdchem\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration Wed Feb 06 10:15:27 2008 Continuing Cal File: C:\msdchem\1\DATA\BD020529.D Method: Update Title Quant Quant

Response via QLast



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15 CALIBRATION VERIFICATION

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\

عمر On : 7 Feb 2008 Operator : Sample 4:54 pm

: B1UT_1.0 Sample

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 27 14:27:27 2008

Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev Are	a% Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	84 -0.02
2 T	Propylene	1.531	1.600		91 -0.02
3 Т	Freon 12	9.252	8.445	8.7	75 -0.02
4 T	Chloromethane	2.459	2.460		82 0.00
5 T	Freon 114	8.101	7.995		81 0.00
6 Т	Vinyl Chloride	1.918	1.800		81 -0.02
7 T	1,3-butadiene	1.421	1.351		83 -0.02
8 T	Bromomethane	2.048	2.157		85 -0.03
9 T	Chloroethane	0.832	0.831		78 -0.01
10 T	Vinyl Bromide	1.890	1.845		79 -0.02
11 T	Freon 11	8.886	9.401		96 -0.02
12 T 13 T	Acetone	0.809 1.583	0.750		74 -0.02 18 -0.02
13 T	Isopropyl alcohol 1,1-dichloroethene	1.299	1.808 1.273		18 -0.02 84 -0.02
15 T	Freon 113	4.784	4.388		74 0.00
16 T	Methylene chloride	1.871	1.624		71 -0.02
17 T	Allyl chloride	1.280	1.055		67 -0.02
18 T	Carbon disulfide	5.514	4.894		73 -0.02
19 Т	trans-1,2-dichloroethene	1.726	1.423		67 0.00
20 T	methyl tert-butyl ether	2.019	1.734		64 -0.02
21 Т	1,1-dichloroethane	3.493	2.999		68 -0.01
22 Т	Vinyl acetate	1.692	1.434		65 0.00
23 T	Methyl Ethyl Ketone	3.021	2.466	18.4	57 -0.07
24 T	cis-1,2-dichloroethene	1.582	1.322		62 0.00
25 T	Hexane	1.527	1.444		68 0.00
26 T	Ethyl acetate	2.152	1.936		63 -0.04
27 Т	Chloroform	4.335	3.729		68 -0.01
28 T	Tetrahydrofuran	0.799	0.694		68 -0.06
29 Т	1,2-dichloroethane	2.635	2.253	14.5	66 0.00
30 I	1,4-difluorobenzene	1.000	1.000		81 -0.01
31 T	1,1,1-trichloroethane	1.721	1.605		71 0.00
32 T	Cyclohexane	0.594	0.510		58 0.00
33 T	Carbon tetrachloride	2.059	1.873		68 -0.01
34 T	Benzene	1.555	1.344		63 0.00
35 Т 36 Т	1,4-dioxane	0.155	0.141		64 -0.12
36 T 37 T	2,2,4-trimethylpentane	2.049	1.785 0.573		57 0.00
37 I 38 T	Heptane Trichloroethene	0.681 0.792	0.691		54 0.00 61 -0.02
39 Т	1,2-dichloropropane	0.745	0.649		60 -0.02
40 T	Bromodichloromethane	1.747	1.556		64 0.00
41 T	cis-1,3-dichloropropene	0.812	0.710		58 0.00
42 T	trans-1,3-dichloropropene				63 0.00
43 T	1,1,2-trichloroethane	0.966	0.840		64 0.00
44 I	Chlorobenzene-d5	1.000	1.000		81 0.00
45 T	Toluene	0.857	0.723		55 0.00
46 T	Methyl Isobutyl Ketone	0.863	0.732		60 -0.01
47 T	Dibromochloromethane	1.433	1.206		63 0.00
48 T 49 T	Methyl Butyl Ketone 1,2-dibromoethane	0.702 1.160	0.556 0.982		60 0.00 61 0.00
49 T 50 T	Tetrachloroethylene	0.774	0.982		61 0.00
20 I	recruentatemix reme	V.//±	0.005	TT	0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\

. DUU20703.D Acq On : 7 Feb 2008 Operator : Sample 4:54 pm

: B1UT_1.0

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 27 14:27:27 2008

Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min

Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev Area% Dev(min)
51 T	Chlorobenzene	1.466	1.206	17.7 60 0.00
52 T	Ethylbenzene	1.573	1.274	19.0 54 0.00
53 T	m&p-xylene	1.497	1.237	17.4 50# 0.00
54 T	Styrene	0.856	0.719	16.0 57 0.00
55 T	Bromoform	1.243	1.046	15.8 60 -0.01
56 T	o-xylene	1.667	1.363	18.2 48# 0.00
57 S	Bromofluorobenzene	0.511	0.535	-4.7 79 0.00
58 T	1,1,2,2-tetrachloroethane	2.101	1.801	14.3 63 0.00
59 Т	4-ethyltoluene	0.981	0.769	21.6 52 0.00
60 T	1,3,5-trimethylbenzene	1.774	1.344	24.2 45# 0.00
61 T	1,2,4-trimethylbenzene	1.126	0.875	22.3 50 0.00
62 T	1,3-dichlorobenzene	1.323	1.112	15.9 54 0.00
63 T	benzyl chloride	0.918	0.782	14.8 54 0.00
64 T	1,4-dichlorobenzene	1.414	1.174	17.0 51 0.00
65 T	1,2-dichlorobenzene	1.211	1.043	13.9 55 0.00
66 T	Naphthalene	0.150	0.169	-12.7 107 -0.04
67 T	1,2,4-trichlorobenzene	0.316	0.320	-1.3 90 -0.03
68 T	Hexachloro-1,3-butadiene	0.847	0.709	16.3 68 -0.04

^{(#) =} Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : C:\msdchem\1\DATA\
Data File : BD020703.D

Acq On : 7 Feb 2008 4:54 pm

Operator :

: B1UT_1.0 Sample

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 27 14:27:27 2008

Response via : Initial Calibration

	n m	ОТ	D		D (Mi)
Compound	R.T.	OTOU	Response C	onc Units	Dev(Min)
Internal Standards					
1) Bromochloromethane	10.800		17935	1.00 ppb	
30) 1,4-difluorobenzene	12.874		41936	1.00 ppb	
44) Chlorobenzene-d5	17.047	117	44241	1.00 ppb	0.00
Creates Manitanina Companda					
System Monitoring Compounds 57) Bromofluorobenzene	18.464	95	23680	1.05 ppb	0.00
	ange 70		Recovery		
Target Compounds					Qvalue
2) Propylene	4.904	41	28701	1.05 ppb	85
3) Freon 12	4.973		151470	0.91 ppb	100
4) Chloromethane	5.207		44115	1.00 ppb	
5) Freon 114	5.207		143392	0.99 ppb	
6) Vinyl Chloride 7) 1,3-butadiene	5.420 5.546	62 39	32282 24233	0.94 ppb 0.95 ppb	97 95
8) Bromomethane	5.934	94	38689	1.05 ppb	93
9) Chloroethane	6.117	64	14911	1.00 ppb	96
10) Vinyl Bromide	6.483	106	33094	0.98 ppb	
11) Freon 11	6.771	101	168599	1.06 ppb	
12) Acetone	6.978	58	13454	0.93 ppb	# 73
13) Isopropyl alcohol	7.110	45	32428	1.14 ppb	# 100
<pre>14) 1,1-dichloroethene</pre>	7.564	96	22837	0.98 ppb	95
15) Freon 113	7.774	101	78694	0.92 ppb	99
16) Methylene chloride	8.029		29129	0.87 ppb	
17) Allyl chloride	8.011	41	18921	0.82 ppb	92
18) Carbon disulfide	8.212	76	87780	0.89 ppb	98
19) trans-1,2-dichloroethene 20) methyl tert-butyl ether	8.990 9.047		25527 31105	0.82 ppb 0.86 ppb	96 98
21) 1,1-dichloroethane	9.416	63	53781	dqq 88.0	100
22) Vinyl acetate	9.419		25715	0.85 ppb	97
23) Methyl Ethyl Ketone	9.977		44219	0.82 ppb	89
24) cis-1,2-dichloroethene	10.349		23703	0.84 ppb	99
25) Hexane	9.959		25906	0.95 ppb	91
26) Ethyl acetate	10.551	43	34722	daa 00.0	97
27) Chloroform	10.947			.0.86 ppb	99
28) Tetrahydrofuran	11.220		12449m	0.87 ppb	
29) 1,2-dichloroethane	11.986		40410	0.86 ppb	99
31) 1,1,1-trichloroethane	11.739		67304	0.93 ppb	96
32) Cyclohexane	12.382	56 117	21408 78537	0.86 ppb 0.91 ppb	# 59 98
33) Carbon tetrachloride 34) Benzene	12.319 12.289	78	56359m	0.91 ppb	30
35) 1,4-dioxane	13.793	88	5919m	0.91 ppb	
36) 2,2,4-trimethylpentane	13.042	57	74071	0.87 ppb	95
37) Heptane	13.336	43	24009	0.84 ppb	97
38) Trichloroethene	13.457	130	28994	0.87 ppb	97
39) 1,2-dichloropropane	13.550	63	27198	0.87 ppb	98
40) Bromodichloromethane	13.844	83	65232	0.89 ppb	99
41) cis-1,3-dichloropropene	14.555	75	29756	0.87 ppb	96
42) trans-1,3-dichloropropene		75	22808	0.89 ppb	99
43) 1,1,2-trichloroethane	15.501	97	35229	0.87 ppb	99
45) Toluene	15.303	92	31975	0.84 ppb	97
46) Methyl Isobutyl Ketone	14.501	43	32376	0.85 ppb	96 100
47) Dibromochloromethane 48) Methyl Butyl Ketone	16.140 15.678	129 43	53337 24613	0.84 ppb 0.79 ppb	100 97
49) 1,2-dibromoethane	16.368	43 107	43438	0.79 ppb 0.85 ppb	99
15/ 1/2 GIDI OHOGCHANG	10.500	±07	エンエンロ	0.00 PPD	,,,

Data File : BD020703.D

acq On : 7 Feb 2008 Operator : Sample 4:54 pm

: B1UT_1.0 Sample

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:47:54 2008

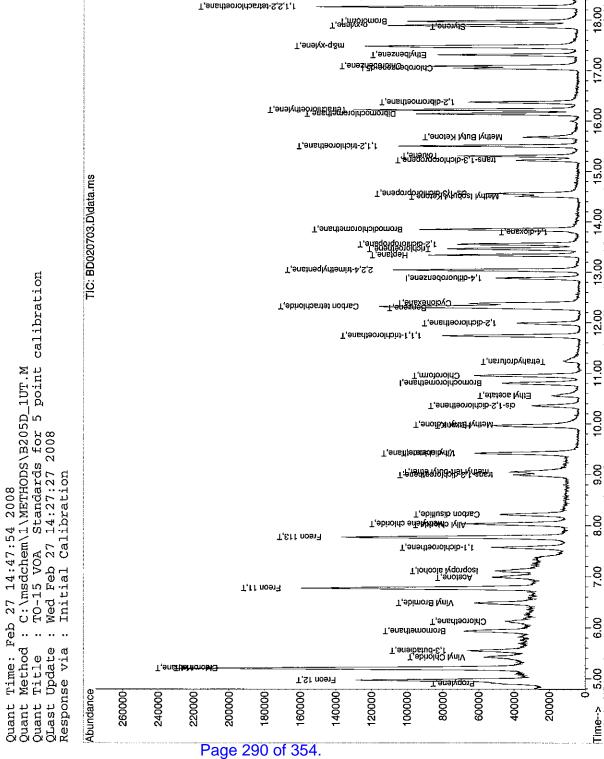
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 27 14:27:27 2008 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50)	Tetrachloroethylene	16.218	164	29399	0.86 ppb	99
51)	Chlorobenzene	17.086	112	53371	0.82 ppb	99
52)	Ethylbenzene	17.308	91	56366	0.81 ppb	98
53)	m&p-xylene	17.482	91	109465	1.65 ppb	97
54)	Styrene	17.863	104	31815	0.84 ppb	93
55)	Bromoform	17.971	173	46258 🐍		99
56)	o-xylene	17.890	91	60288m	0.82 ppb	
58)	1,1,2,2-tetrachloroethane	18.263	83	79658	0.86 ppb	98
59)	4-ethyltoluene	18.950	105	34009m	0.78 ppb	
60)	1,3,5-trimethylbenzene	19.004	105	59451m	0.76 ppb	
61)	1,2,4-trimethylbenzene	19.370	105	38732	0.78 ppb	98
62)	1,3-dichlorobenzene	19.623	146	49176	0.84 ppb	99
63)	benzyl chloride	19.677	91	34596	0.85 ppb	97
64)	1,4-dichlorobenzene	19.728	146	51959	0.83 ppb	98
65)	1,2-dichlorobenzene	19.992	146	46160 ʃ	0.86 ppb	95
66)	Naphthalene	21.691	128	7458m		
67)	1,2,4-trichlorobenzene	21.514	180	14141	1.01 ppb	86
68)	Hexachloro-1,3-butadiene	21.772	225	31368	0.84 ppb	99

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

```
& 0.25TCE, CT, VNCL
                                                        Sample Multiplier: 1
                  4:54
C:\msdchem\1\DATA\
        BD020703.D
7 Feb 2008
                                              1ugM3
3 Se
                                                                           Quant Time: Feb
                                                                                     Quant Method
                                                                                              Title
Path
File
                             Operator
                                                        ALS Vial
                                     Sample
                  Acq On
                                                                                               Quant
                                                Misc
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T,anasmadiyntamint-č,£,t

T,aneznedlyhtemint-A,S,T

S.enesnedorouliomora

Hexachloro-1,3-butadiene,T

22,00

21.00

20.00

19.00

28 11:50:52 2008

B205D_1UT.M Thu Feb

Maphthalene, I

T,-enschedotoldbitt-4,S,f

T ensulotkyrite-l

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : BD020902.D

Acq On : 9 Feb 2008 5:30 pm

Operator :

Sample : B1UT_1.0

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev Area	b Dev(min)
1 I 2 T 3 T 4 T	Bromochloromethane Propylene Freon 12 Chloromethane	1.000 1.531 9.252 2.459	1.000 1.335 9.830 3.013	0.0 8/ 12.8 7/ -6.2 8/ -22.5 10/	7 0.04 3 0.03 2 0.05
5 T 6 T 7 T 8 T 9 T	Freon 114 Vinyl Chloride 1,3-butadiene Bromomethane Chloroethane	8.101 1.918 1.421 2.048 0.832	10.154 2.199 1.709 2.654 1.079	-25.3 10 -14.7 10 -20.3 10 -29.6 10 -29.7 10	0.04 6 0.04 6 0.03
10 T 11 T 12 T 13 T	Vinyl Bromide Freon 11 Acetone Isopropyl alcohol	1.890 8.886 0.809 1.583	2.445 11.502 0.823 1.116	-29.4 10 -29.4 11 -1.7 8 29.5 7	0.03 0.03 0.04 1 0.03
14 T 15 T 16 T 17 T 18 T	1,1-dichloroethene Freon 113 Methylene chloride Allyl chloride Carbon disulfide	1.299 4.784 1.871 1.280 5.514	1.370 5.733 2.084 1.106 5.845	-5.5 9: -19.8 9: -11.4 9: 13.6 7: -6.0 8:	3 0.04 2 0.03 L 0.03 3 0.03
19 T 20 T 21 T 22 T 23 T	trans-1,2-dichloroethene methyl tert-butyl ether 1,1-dichloroethane Vinyl acetate Methyl Ethyl Ketone	1.726 2.019 3.493 1.692 3.021	1.717 2.308 3.821 1.659 3.237	0.5 8: -14.3 8: -9.4 8: 2.0 7: -7.1 7:	7 0.02 7 0.02 5 0.03
24 T 25 T 26 T 27 T	cis-1,2-dichloroethene Hexane Ethyl acetate Chloroform	1.582 1.527 2.152 4.335	1.631 1.512 2.170 5.111	-3.1 7 1.0 7 -0.8 7 -17.9 9	7 0.02 L 0.03 L -0.02 L 0.01
28 T 29 T	Tetrahydrofuran 1,2-dichloroethane	2.635	0.821 2.901	-2.8 83 -10.1 83	0.01
30 I 31 T 32 T 33 T 34 T 35 T 36 T 37 T 38 T 40 T 41 T 42 T	1,4-difluorobenzene 1,1,1-trichloroethane Cyclohexane Carbon tetrachloride Benzene 1,4-dioxane 2,2,4-trimethylpentane Heptane Trichloroethene 1,2-dichloropropane Bromodichloromethane cis-1,3-dichloropropene trans-1,3-dichloropropene 1,1,2-trichloroethane	1.000 1.721 0.594 2.059 1.555 0.155 2.049 0.681 0.792 0.745 1.747 0.812 0.611 0.966	1.000 2.223 0.688 2.647 1.883 0.199 2.370 0.804 1.021 0.910 2.220 1.036 0.755 1.226	0.0 75 -29.2 95 -15.8 76 -28.6 95 -21.1 86 -21.1 76 -28.4 87 -15.7 77 -18.1 76 -28.9 87 -22.1 87 -27.1 87 -27.6 87 -23.6 89 -26.9 96	5 0.00 6 0.00 8 0.00 6 0.00 8 -0.11 8 0.00 1 0.00 7 0.00 2 0.00 3 0.00 6 0.00
44 I 45 T 46 T 47 T 48 T 49 T 50 T	Chlorobenzene-d5 Toluene Methyl Isobutyl Ketone Dibromochloromethane Methyl Butyl Ketone 1,2-dibromoethane Tetrachloroethylene	1.000 0.857 0.863 1.433 0.702 1.160 0.774	1.000 1.100 0.847 1.799 0.706 1.474 0.998	0.0 88 -28.4 83 1.9 66 -25.5 93 -0.6 79 -27.1 93 -28.9 93	3 0.00 3 0.00 5 0.00 6 0.00 0.00

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\

Data File : BD020902.D

Acq On : 9 Feb 2008 5:30 pm

Operator :

Sample : B1UT_1.0

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008

Quant Method: C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via: Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev Area%	Dev(min)
51 T	Chlorobenzene	1.466	1.805	-23.1 88	0.00
52 T	Ethylbenzene	1.573	2.017	-28.2 84	0.00
53 T	m&p-xylene	1.497	1.940	-29.6 77	0.00
54 T	Styrene	0.856	1.107	-29.3 86	0.00
55 T	Bromoform	1.243	1.717	-38.1# 97	0.00
56 T	o-xylene	1.667	2.160	-29.6 75	0.00
57 S	Bromofluorobenzene	0.511	0.543	-6.3 79	0.00
58 T	1,1,2,2-tetrachloroethane	2.101	2.559	-21.8 88	0.00
59 T	4-ethyltoluene	0.981	1.269	-29.4 85	0.00
60 T	1,3,5-trimethylbenzene	1.774	2.272	-28.1 75	0.00
61 T	1,2,4-trimethylbenzene	1.126	1.454	-29.1 82	0.00
62 T	1,3-dichlorobenzene	1.323	1.715	-29.6 82	0.00
63 T	benzyl chloride	0.918	1.274	-38.8# 87	0.00
64 T	1,4-dichlorobenzene	1.414	1.832	-29.6 78	0.00
65 T	1,2-dichlorobenzene	1.211	1.570	-29.6 81	0.00
66 T	Naphthalene	0.150	0.109	27.3 68	0.00
67 T	1,2,4-trichlorobenzene	0.316	0.225	28.8 62	-0.02
68 T	Hexachloro-1,3-butadiene	0.847	0.758	10.5 72	0.00

^{(#) =} Out of Range

SPCC's out = 0 CCC's out = 0

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5:30 pm

Sample : B1UT_1.0

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008
Quant Method: C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	ית כו	OTon	Pernonce	Conc Units	Dev/Min)
Internal Standards			4040-		
1) Bromochloromethane	10.821		18107	1.00 ppb	
30) 1,4-difluorobenzene 44) Chlorobenzene-d5	12.895 17.047	$\frac{114}{117}$	40671 43627	1.00 ppb 1.00 ppb	0.00 0.00
44) Chiolobenzene-do	17.047	T T 1	43027	T.00 DDD	0.00
System Monitoring Compounds					
57) Bromofluorobenzene	18.464			1.06 ppb	0.00
Spiked Amount 1.000 R	ange 70	- 130	Recove:	ry = 106.	00%
Target Compounds					Qvalue
2) Propylene	4.964	41	24170	0.87 ppb	90
3) Freon 12	5.024	85	177988	1.06 ppb	100
4) Chloromethane	5.261	50	54565	1.23 ppb	95
5) Freon 114	5.261	85	183856	1.25 ppb	97
6) Vinyl Chloride	5.480	62	39826	1.15 ppb	99
7) 1,3-butadiene 8) Bromomethane	5.603 5.990		30942 4 48057m	1.20 ppb 1.30 ppb	87
9) Chloroethane	6.170		19535m		
10) Vinyl Bromide	6.537		44269m		
11) Freon 11	6.819	101	208260	1.29 ppb	100
12) Acetone	7.041		14903	1.02 ppb	# 56
13) Isopropyl alcohol	7.164		20204m		0.0
14) 1,1-dichloroethene	7.617		24800	1.05 ppb	88
15) Freon 113 16) Methylene chloride	7.819 8.083		103812 37728	1.20 ppb 1.11 ppb	95 93
17) Allyl chloride	8.062	41	20026	0.86 ppb	84
18) Carbon disulfide	8.260	76	105835	1.06 ppb	99
19) trans-1,2-dichloroethene	9.019		31094	1.00 ppb	100
20) methyl tert-butyl ether	9.088		41783	1.14 ppb	90
21) 1,1-dichloroethane	9.452		69192	1.09 ppb	94
22) Vinyl acetate	9.455		30038	0.98 ppb	95 95
23) Methyl Ethyl Ketone 24) cis-1,2-dichloroethene	10.013 10.382	43 61	58611 29529	1.07 ppb 1.03 ppb	91
25) Hexane	9.992	41	27373	0.99 ppb	93
26) Ethyl acetate	10.574	43	39290	1.01 ppb	94
27) Chloroform	10.974	83	92546	1.18 ppb	99
28) Tetrahydrofuran	11.271	42	14870m	1.03 ppb	0.5
29) 1,2-dichloroethane	12.003 11.748	62 97	52536 90431m	1.10 ppb	97
31) 1,1,1-trichloroethane 32) Cyclohexane	12.394		27978	1.29 ppb 1.16 ppb	# 50
33) Carbon tetrachloride	12.337		107641m	1.29 ppb	" 30
34) Benzene	12.304	78	76572m	1.21 ppb	
35) 1,4-dioxane	13.799	88	8084m	1.28 ppb	
36) 2,2,4-trimethylpentane	13.054	57	96403	1.16 ppb	98
37) Heptane	13.351	43	32710	1.18 ppb	96
38) Trichloroethene 39) 1,2-dichloropropane	13.474	130 63	41523m	1.29 ppb 1.22 ppb	98
40) Bromodichloromethane	13.567 13.853	83	36998 90307	1.22 ppb	99
41) cis-1,3-dichloropropene	14.567	75	42122m	1.28 ppb	7.7
42) trans-1,3-dichloropropene		75	30696	1.24 ppb	98
43) 1,1,2-trichloroethane	15.510	97	49874	1.27 ppb	100
45) Toluene	15.312	92	47971m	1.28 ppb	**
46) Methyl Isobutyl Ketone	14.513	43	36938	0.98 ppb	92
47) Dibromochloromethane 48) Methyl Butyl Ketone	16.149 15.684	129 43	78473 30783	1.26 ppb 1.00 ppb	98 99
49) 1,2-dibromoethane	16.374	107	64294m	1.27 ppb	22
. , _,,	22.0.4				

عرب المحتود عند المحتود المحت 5:30 pm

: B1UT_1.0

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 13:34:44 2008

Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

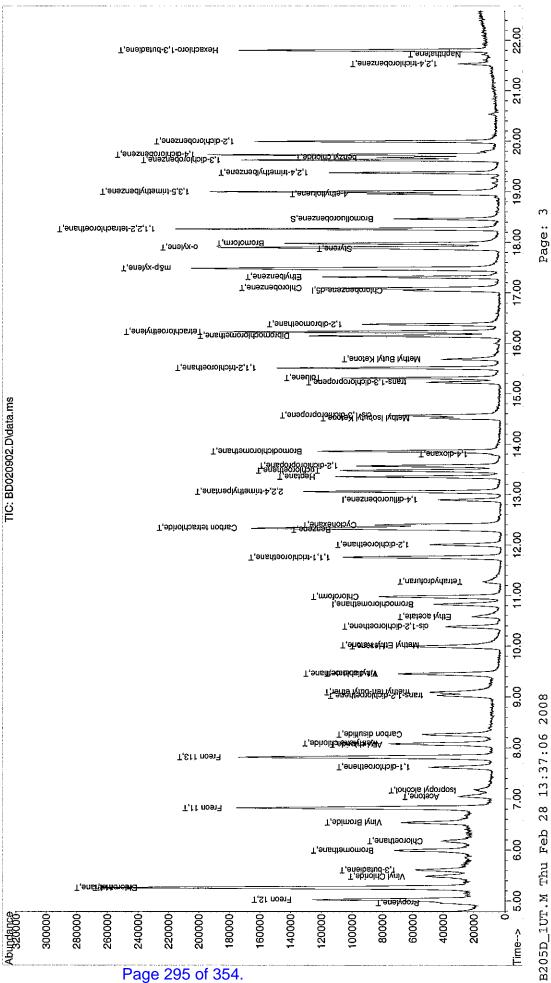
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) Tetrachloroethylene	16.227	164	43528m	1.29 ppb	
51) Chlorobenzene	17.095	112	78768	/ 1.23 ppb	98
52) Ethylbenzene	17.314	91	88010	1.28 ppb	96
53) m&p-xylene	17.485	91	169316m	2.59 ppb	
54) Styrene	17.869	104	48309m	1.29 ppb	
55) Bromoform	17.977	173	74916	1.38 ppb	. 98
56) o-xylene	17.896	91	94230m	1.30 ppb	
58) 1,1,2,2-tetrachloroethane	18.262	83	111632	1.22 ppb	99
59) 4-ethyltoluene	18.956	105	55350m	1.29 ppb	
60) 1,3,5-trimethylbenzene	19.001	105	99132m	1.28 ppb	
61) 1,2,4-trimethylbenzene	19.376	105	63442	1.29 ppb	97
62) 1,3-dichlorobenzene	19.625	146	74836m	1.30 ppb	
63) benzyl chloride	19.673	91	55584m	1.39 ppb	
64) 1,4-dichlorobenzene	19.733	146	79938m	1.30 ppb	
65) 1,2-dichlorobenzene	19.995	146	68504m	1.30 ppb	
66) Naphthalene	21.724	128	4738	0.72 ppb	# 93
67) 1,2,4-trichlorobenzene	21.532	180	9797m	(0.71 ppb	
68) Hexachloro-1,3-butadiene	21.805	225	33082	V 0.89 ppb	97

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

13 & 0.25TCE, CT, VNCL Sample Multiplier: 1 5:30 pm C:\msdchem\1\DATA\ B1UT_1.0 1ugM3 & 0.25TCE, BD020902.D 9 Feb 2008 Data Path Data File Misc ALS Vial Operator Sample Acq On

> 28 13:34:44 2008 C:\MSDCHEM\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration Wed Feb 06 11:50:55 2008 Feb Method: Update Response via Title Quant Quant Quant)Last



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

RAW DATA

Data File : BD020501.D

Acq On : 5 Feb 2008 3:31 pm

Operator

Sample : BFB

Misc : 1ugM3 & 0.25TCE, CT, VNCL

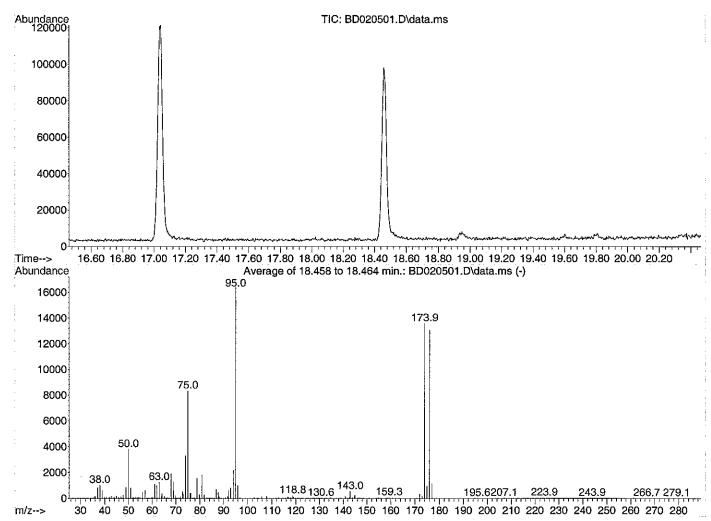
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\B205D_1UT.M

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Thu Feb 28 14:05:11 2008



Spectrum Information: Average of 18.458 to 18.464 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50 75 95 96 173	95 95 95 95 174 95	8 30 100 5 0.00	40 66 100 9 2	23.1 50.9 100.0 6.1 1.2 82.8	3791 8337 16389 999 157 13578	PASS PASS PASS PASS
175 176 177	174 174 174 176	95 5	120 9 101 9	6.9 96.1 8.8	13378 942 13043 1146	PASS PASS PASS PASS

Data File: BD020701.D

Acq On : 7 Feb 2008 3:34 pm

Operator

Sample : BFB

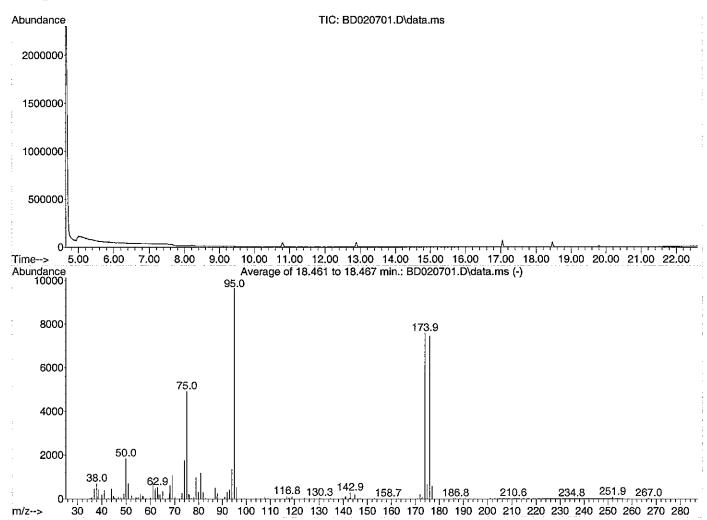
Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\B205D_1UT.M

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Wed Feb 06 11:50:55 2008



Spectrum Information: Average of 18.461 to 18.467 min.

	Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
Ī	50	95	8	40	19.0	1832	PASS
	75	95	30	66	50.8	4905	PASS
	95	95	100	100	100.0	9656	PASS
	96	95	5	9	5.4	517	PASS
	173	174	0.00	2	1.2	93	PASS
	174	95	50	120	78.5	7578	PASS
- 1	175	174	4	9	8.6	650	PASS
	176	174	95	101	98.4	7455	PASS
	177	176	5	9	7.9	591	PASS

Data File : BD020901.D

Acq On : 9 Feb 2008 4:57 pm

Operator

Sample : BFB

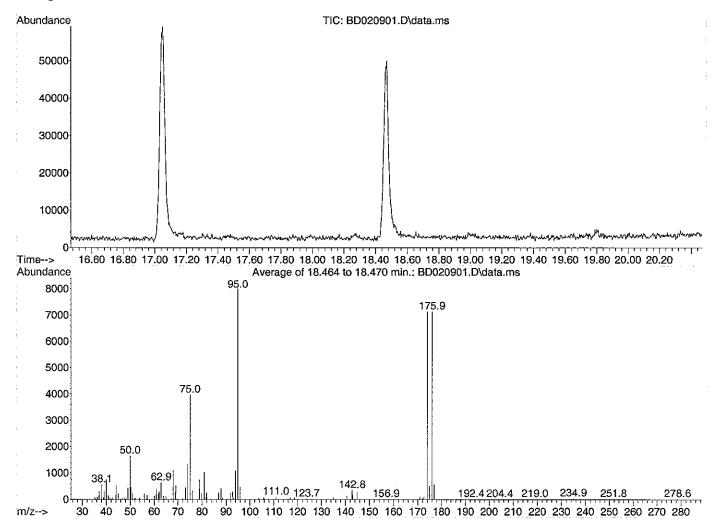
Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\B205D_1UT.M

Title : TO-15 VOA Standards for 5 point calibration

Last Update : Wed Feb 06 11:50:55 2008



Spectrum Information: Average of 18.464 to 18.470 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50 75 95 96 173	95 95 95 95 174 95	8 30 100 5 0.00	40 66 100 9 2 120	20.6 49.4 100.0 5.8 0.0 88.9	1650 3963 8015 463 0	PASS PASS PASS PASS PASS PASS
175 176 177	174 174 176	95 5	9 101 9	7.2 100.1 7.9	514 7132 566	PASS PASS PASS

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15 RAW QC DATA

Centek Laboratories, LLC

MitKem A Division of Spectrum Analytical, C0802002 CLIENT:

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE-VC

Date: 24-Mar-08

Work Order:

CDM/G0143 Project:

Patch ID: PH488 Testhor: TO-15 Analysis Date: 27/2008 Saqvo: 22144 Patch ID: Phane Patch I	Sample ID: MB1UT-020708	SampType: MBLK	TestCode	TestCode: 0.25CT-TCE- Units: ppbV	Prep Date:		RunNo: 1488	
Peaclet Poil SPK Nature SPK Ref Val %REC LowLimit Hightlimit RPD Ref Val %RPD RPDLimit Nature Na	Client ID: ZZZZZ	Batch ID: R1488	TestNo	ı: TO-15		2008	SeqNo: 22144	
Name	Analyte	Result	Pal		LowLimit			iit Qual
N	1,1,1-Trichloroethane	QN	0.150					
N	1,1,2,2-Tetrachloroethane	Q	0.150					
ND 0.150	1,1,2-Trichloroethane	2	0.150					
ND 0.150	1,1-Dichloroethane	<u>Q</u>	0.150					
ND 0.150 O.150	1,1-Dichloroethene	QN	0.150					
ND 0.150	1,2,4-Trichlorobenzene	2	0.150					
rine ND 0.150 ne ND 0.150 ne ND 0.150 ane ND 0.150 nn 0.150 n	1,2,4-Trimethylbenzene	S	0.150					
ND 0.150	1,2-Dibromoethane	g	0.150					
ND 0.150	1,2-Dichlorobenzene	QN.	0.150					
ane ND 0.150 sene ND 0.150 sene ND 0.150 sene ND 0.150 ND 0.150 0.150 ortifane ND 0.150 ND 0.150	1,2-Dichloroethane	<u>N</u>	0.150					
enzene ND 0.150 ND 0.150 sene ND 0.150 ND 0	1,2-Dichloropropane	g	0.150					
ene ND 0.150 Solution and the contraction or analysis exceeded by 0.150 ND 0.150	1,3,5-Trimethylbenzene	QN	0.150					
tene ND 0.150 ND 0.300 ND 0.15	1,3-butadiene	QN.	0.150					
ethe ND 0.150 ND 0.300 ND 0.150 N	1,3-Dichlorobenzene	QN.	0.150					
ontane ND 0.330 ontane ND 0.150 ND 0.0400 ND 0.150	1,4-Dichlorobenzene	QN	0.150					
ethane	1,4-Dioxane	O.X	0.300					
ND	2,2,4-trimethylpentane	Q	0.150					
ND 0.300	4-ethyltoluene	QN.	0.150					
ND 0.150	Acetone	S	0.300					
ND 0.150	Allyl chloride	Q	0.150					
ND 0.150	Benzene	ON.	0.150					
ethane	Benzyl chloride	Q	0.150					
ND 0.150	Bromodichloromethane	QN	0.150					
ND	Bromoform	Q	0.150					
ND	Bromomethane	Q	0.150					
rachloride ND 0.0400 Zene ND 0.150 Ine ND 0.150 E Value above quantitation range H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H Holding times for preparation or analysis exceeded J H H Holding times for preparation or analysis exceeded	Carbon disulfide	QN	0.150					
zene ND 0.150 ND 0.150 E Value above quantitation range H Holding times for preparation or analysis exceeded J	Carbon tetrachloride	QN	0.0400					
E Value above quantitation range H Holding times for preparation or analysis exceeded J	Chlorobenzene	QN ND	0.150					
E Value above quantitation range H Holding times for preparation or analysis exceeded J	Chloroethane	Q	0.150					
MD Mat Detected as the December 1 limit in the December 1 limit in the December 1 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 2 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the December 3 limits in the	ш	c quantitation range				Analyte detected at	or below quantitation lin	is
NOT Defected at the Reporting Limit	Ē	dot the Reporting Limit				Snike Recovery out	eido accented recovery li	nite

MitKem A Division of Spectrum Analytical, CLIENT:

CDM/G0143 C0802002 Work Order:

Project:

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Sample ID: MB101-020/08	Callip ype: MibEr		1000 CO 1000 C					
Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15	10-15	Analysis Date:	: 2/7/2008		SeqNo: 22144	
Analyte	Result	POLS	SPK value SPK Ref Val	%REC LowLimit	HighLimit	RPD Ref Val	%RPD RF	RPDLimit Qual
Chloroform	QN	0.150						
Chloromethane	Q	0.150						
cis-1,2-Dichloroethene	QN	0.150						
cis-1,3-Dichloropropene	QN	0.150						
Cyclohexane	QN	0.150						
Dibromochloromethane	QN	0.150						
Ethyl acetate	QN	0.250						
Ethylbenzene	QN	0.150						
Freon 11	Q	0.150						
Freon 113	QN	0.150						
Freon 114	QN	0.150						
Freon 12	QN	0.150						
Heptane	QN	0.150						
Hexachloro-1,3-butadiene	Q	0.150						
Hexane	QN	0.150						
Isopropyl alcohol	QN	0.150						
m&p-Xylene	QN	0.300						
Methyl Butyl Ketone	S	0.300						
Methyl Ethyl Ketone	Q	0.300						
Methyl Isobutyl Ketone	Q	0.300						
Methyl tert-butyl ether	QN	0.150						
Methylene chloride	Q	0.150						
o-Xylene	QN	0.150						
Propylene	ON	0.150						
Styrene	QN	0.150						
Tetrachloroethylene	QN	0.150						
Tetrahydrofuran	QN	0.150						
Toluene	Ð	0.150						
trans-1,2-Dichloroethene	QN	0.150						
trans-1,3-Dichloropropene	QN	0.150						
Trichloroethene	QN	0.0400						
Qualifiers: E Value above	Value above quantitation range		H Holding times for preparation or analysis exceeded	n or analysis exceeded	J A	Analyte detected at or below quantitation limits	or below quantitation	n limits
				•		•	•	

CLIENT:	MitKem A Division of Spectrum Analytical,	ANALVITCAL OF STIMMARY PEPOPT
Work Order:	C0802002	MALL TOTAL COMMISSION WELOW
Project:	CDM/G0143	TestCode: 0.25CT-TCE-VC

TestCode: 0,25CT-TCE-VC	
CDM/G0143	
Project:	

Sample ID: MB11.1T-020708	SampTyne: MBLK	TestCode	TestCode: 0.25CT-TCE-	Units: nobV		Pren Date:			BunNo: 1488	
Client ID: ZZZZZ	Batch ID: R1488	TestNo	TestNo: TO-15		Anal		2/7/2008		SeqNo: 22144	
Analyte	Result	Pal	SPK value S	SPK Ref Val	%REC Lo	LowLimit Hig	HighLimit RPD Ref Val	lef Val	%RPD RPDLimit	Qual
Vinyl acetate Vinyl Bromide Vinyl chloride Surr: Bromofluorobenzene	ND ND ND O.7800	0.150 0.150 0.0400	-	0	78.0	70	130			
Sample ID: MB1UT-020908 Client ID: ZZZZZ	SampType: MBLK Batch ID: R1490	TestCode	TestCode: 0.25CT-TCE- TestNo: TO-15	Units: ppbV	F Anal	Prep Date: Analysis Date:	2/9/2008		RunNo: 1490 SeqNo: 22176	
Analyte	Result	POL	SPK value S	SPK Ref Val	%REC Lo	LowLimit Hig	HighLimit RPD Ref Val	lef Val	%RPD RPDLimit	Qual
1,1,1-Trichloroethane	Q.	0.150								
1,1,2,2-Tetrachloroethane	Q S	0.150								
1,1-Dichloroethane	2 2	0.150								
1,1-Dichloroethene	QN	0.150								
1,2,4-Trichlorobenzene	QN	0.150								
1,2,4-Trimethylbenzene	QN	0.150								
1,2-Dibromoethane	<u>N</u>	0.150								
1,2-Dichlorobenzene	QN	0.150								
1,2-Dichloroethane	QN.	0.150								
1,2-Dichloropropane	QN	0.150								
1,3,5-Trimethylbenzene	9	0.150								
1,3-butadiene	QN	0.150								
1,3-Dichlorobenzene	Q	0.150								
1,4-Dichlorobenzene	<u>Q</u>	0.150								
1,4-Dioxane	9	0.300								
2,2,4-trimethylpentane	9	0.150								
4-ethyltoluene	Q	0.150								
Acetone	Q	0.300								
Allyl chloride	2	0.150								
Benzene	QN	0.150								
Onalifiers: E Value above	Value above quantitation range		H Holding	Holding times for preparation or analysis exceeded	or analysis exc	eeded	J Analyte	letected at o	Analyte detected at or below quantitation limits	
2 8	Not Detected at the Reporting Limit			RPD outside accepted recovery limits	/ limits	1	S Spike Re	covery outsi	Spike Recovery outside accepted recovery limits	
				•						

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CLIENT: MitKem A Division of Spectrum Analytical,

Work Order: C0802002

Project: CDM/G0143

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Sample ID: MB1UT-020908	SampType: MBLK	TestCode:	TestCode: 0.25CT-TCE- Units: ppbV	Prep Date:		RunNo: 1490	
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15	TO-15	Analysis Date: 2/9/2008	2008	SeqNo: 22176	
Analyte	Result	Pal	SPK value SPK Ref Val	%REC LowLimit HighLimit	it RPD Ref Val	%RPD RPDLimit	Qual
Benzyl chloride	QN	0.150					
Bromodichloromethane	QN	0.150					
Bromoform	9	0.150					
Bromomethane	QN	0.150					
Carbon disulfide	QN	0.150					
Carbon tetrachloride	QN	0.0400					
Chlorobenzene	Q	0.150					
Chloroethane	<u>Q</u>	0.150					
Chloroform	Q	0.150					
Chloromethane	QN	0.150					
cis-1,2-Dichloroethene	Q	0.150					
cis-1,3-Dichloropropene	QN	0.150					
Cyclohexane	Q	0.150					
Dibromochloromethane	Q	0.150					
Ethyl acetate	QN	0.250					
Ethylbenzene	Q	0.150					
Freon 11	QN	0.150					
Freon 113	Q	0.150					
Freon 114	QN	0.150					
Freon 12	Q	0.150					
Heptane	9	0.150					
Hexachloro-1,3-butadiene	QV	0.150					
Hexane	Q	0.150					
Isopropyt alcohol	QN	0.150					
m&p-Xylene	Q	0.300					
Methyl Butyl Ketone	Q	0.300					
Methyl Ethyl Ketone	QN	0.300					
Methyl Isobutyl Ketone	QN	0.300					
Methyl tert-butyl ether	Q	0.150					
Methylene chloride	QN N	0.150					
o-Xylene	QN	0.150					
Qualifiers: E Value above	Value above quantitation range		H Holding times for preparation or analysis exceeded		Analyte detected at	Analyte detected at or below quantitation limits	
ND Not Detecte	Not Detected at the Reporting Limit		R RPD outside accepted recovery limits	ary limits S	Spike Recovery ou	Spike Recovery outside accepted recovery limits	

MitKem A Division of Spectrum Analytical,
CLIENT:

Work Order: C0802002

Project: CDM/G0143

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Sample ID: MB1UT-020908	SampType: MBLK	TestCo	TestCode: 0.25CT-TCE- Units: ppbV		Prep Date:)	RunNo: 1490	06	
Client ID; ZZZZZ	Batch ID: R1490	lest	lestno; 10-15	•	Analysis Date: 2/9/2008	: 2/9/2008	SeqNo: 22176	9/	
Analyte	Result	PQL	SPK value SPK Ref Val	%REC	LowLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit Qual	Qual
Propylene	ΩN	0.150							
Styrene	Q	0.150							
Tetrachloroethylene	Q	0.150							
Tetrahydrofuran	QV	0.150							
Toluene	Q	0.150							
trans-1,2-Dichloroethene	Q	0.150							
trans-1,3-Dichloropropene	Q	0.150							
Trichloroethene	9	0.0400							
Vinyl acetate	Q	0.150							
Vinyl Bromide	Q	0.150							
Vinyl chloride	Q	0.0400							
Surr: Bromofluorobenzene	0.7700	0	1 0	77.0	70	130			

Qualifiers:

H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits

J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File : BD020705.D

Acq On : 7 Feb 2008 6:39 pm

Operator :

Sample : MB1UT-020708

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 16:53:39 2008

Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Unit	s Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	10.812 12.886 17.047	128 114 117	24238 58976 59468	1.00 pp 1.00 pp 1.00 pp	b 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.461 Range 70	95 - 130	23654 Recover	0.78 pp y = 7	b 0.00 8.00%
Target Compounds					Qvalue

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

BD020705.D 7 Feb 2008

Operator Acq On

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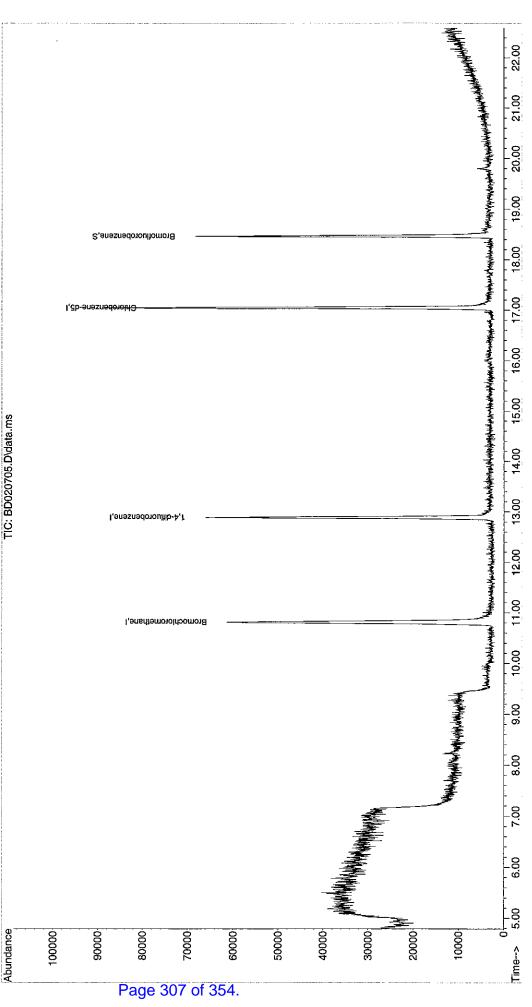
6:39

Sample Misc

MB1UT-020708 1ugM3 & 0.25TCE, CT, VNCL 5 Sample Miltil ALS Vial

Quant Time: Feb 12 16:53:39 2008
Quant Method : C:\msdchem\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008

: Initial Calibration Response via



28 11:50:57 2008 B205D_1UT.M Thu Feb

Page:

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File : BD020904.D

Acq On : 9 Feb 2008

Operator :

: MB1UT-020908 Sample

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial: 4 Sample Multiplier: 1

Quant Time: Feb 09 18:54:32 2008

Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Response via : Initial Calibration

Compound	R.T. QI	Ion Response	Conc Units 1	Dev(Min)
Internal Standards 1) Bromochloromethane 30) 1,4-difluorobenzene 44) Chlorobenzene-d5	12.895 1		1.00 ppb 1.00 ppb 1.00 ppb	# 0.00 0.00 0.00
System Monitoring Compounds 57) Bromofluorobenzene Spiked Amount 1.000	18.458 Range 70 -	95 21674 130 Recove	0.77 ppb ry = 77.0	0.00
Target Compounds				Qvalue

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

6:36 pm 9 Feb 2008 Data File Acq On

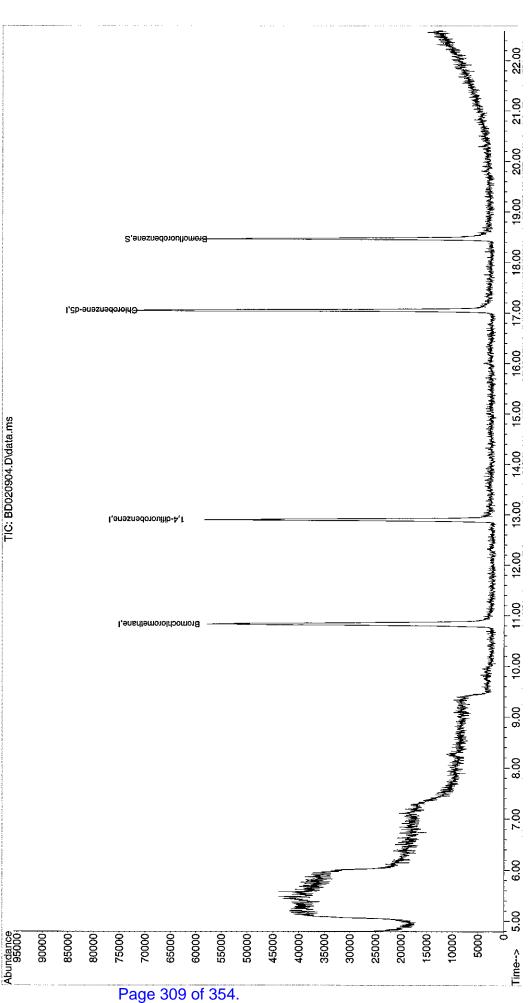
Operator

Sample Misc

MB1UT-020908 lugM3 & 0.25TCE, CT, VNCL 4 Sample Multiplier: 1 ALS Vial

Quant Time: Feb 09 18:54:32 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M
Quant Title : TO-15 VOA Standards for 5 point calibration
QLast Update : Wed Feb 06 11:50:55 2008

: Initial Calibration Response via



B205D_1UT.M Thu Feb 28 13:37:09 2008

Centek Laboratories, LLC

MitKem A Division of Spectrum Analytical, C0802002 CDM/G0143 CLIENT:

Work Order:

Project:

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Date: 24-Mar-08

Sample ID: LCS1UT-020708	SampType: LCS	TestCoc	TestCode: 0.25CT-TCE-	Units: ppbV		Prep Date:	: 0	RunNo: 1488	
Client ID: ZZZZZ	Batch ID: R1488	TestN	lo: TO-1 5			Analysis Date:	e: 2/7/2008	SeqNo: 22145	
Analyte	Result	PaL	SPK value SP	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Va	RPD RPDLimit	Qual
1,1,1-Trichloroethane	1.110	0.150	+	0	111	02	130		
1,1,2,2-Tetrachloroethane	0.9800	0.150	-	0	98.0	70	130		
1,1,2-Trichloroethane	1.070	0.150	-	0	107	70	130		
1,1-Dichloroethane	1.100	0.150	-	0	110	20	130		
1,1-Dichloroethene	1.720	0.150	-	0	172	20	130		တ
1,2,4-Trichlorobenzene	1.050	0.150	-	0	105	70	130		
1,2,4-Trimethylbenzene	1.020	0.150	-	0	102	20	130		
1,2-Dibromoethane	1.050	0.150	-	0	105	20	130		
1,2-Dichlorobenzene	1.140	0.150	-	0	114	20	130		
1,2-Dichtoroethane	1.070	0.150	-	0	107	20	130		
1,2-Dichloropropane	1.090	0.150	-	0	109	70	130		
1,3,5-Trimethylbenzene	1.140	0.150		0	114	70	130		
1,3-butadiene	1.230	0.150	-	0	123	70	130		
1,3-Dichlorobenzene	1.090	0.150	-	0	109	70	130		
1,4-Dichlorobenzene	1.140	0.150	-	0	114	20	130		
1,4-Dioxane	1.020	0.300	-	0	102	20	130		
2,2,4-trimethylpentane	1.180	0.150	-	0	118	70	130		
4-ethyltoluene	1.140	0.150	-	0	114	70	130		
Acetone	1.040	0.300	-	0	104	20	130		
Allyl chloride	1.520	0.150	•	0	152	70	130		တ
Benzene	1.120	0.150	-	0	112	70	130		
Benzyl chloride	1.260	0.150	-	0	126	70	130		
Bromodichloromethane	1.100	0.150	-	0	110	70	130		
Bromoform	1.000	0.150	-	0	100	70	130		
Bromomethane	1.130	0.150	-	0	113	70	130		
Carbon disulfide	1.280	0.150	-	0	128	70	130		
Carbon tetrachloride	1.100	0.0400	-	0	110	20	130		
Chlorobenzene	1.030	0.150	-	0	103	70	130		
Chloroethane	1.180	0.150	-	0	118	70	130		
oundifficure D Walter	Volue about amortinitation manage			Citomonomics	include and	, avoanded	T Analyte deter	Anolista datastad at an halour anonditation limits	
a (duamutanom lange		in Simplou u	notating times for preparation of analysis exceeded	or analysis	s exceened		ica at or perow quantitation minus	
IND INOI Defected	Not Detected at the Reporting Limit			KPD outside accepted recovery limits	ry iimits			Spike Recovery outside accepted recovery timits	

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CLIENT: MitKem A Division of Spectrum Analytical,

Work Order: C0802002

Project: CDM/G0143

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Patch ID. File 4889	Sample ID: LCS1UT-020708	SampType: LCS	TestCode:	TestCode: 0.25CT-TCE-	E- Units: ppbV		Prep Date:	i ii		RunNo: 1488		
Pageuti		Batch ID: R1488	TestNo:	TO-15		•	Analysis Dat			SeqNo: 22145		
1,1060 0,180 1 0 0 108 70 130 1,1280 0,180 1 0 0 122 70 130 1,1280 0,180 1 0 0 112 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1280 0,180 1 0 0 118 70 130 1,1290 0,180 1 0 0 118 70 130 1,120 0,180 1 0 0 118 70 130 1,120 0,180 1 0 0 118 70 130 1,120 0,180 1 0 0 118 70 130 1,130 0,180 1 0 0 118 70 130 1,140 0,180 1 0 0 0 118 70 130 1,140 0,180 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Analyte	Result		3PK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val		DLimit	Qual
1220 0.150 1.1 0.1 0. 122 70 130 1.280 0.150 1.1 0.1 0. 122 70 130 1.130 0.150 1.1 0.1 0.1 115 70 130 1.140 0.150 1.1 0.1 0.1 115 70 130 1.150 0.150 1.1 0.0 116 1.1 0.0 116 1.1 0.0 116 1.1 0.0 130 1.150 0.150 1.1 0.0 1.1 0	Chloroform	1.050	0.150	-	0	105	7.0	130				
1,1030 0,150 1,1030 1,150 1,1030 1,150 1,1030 1,150 1,1030 1,150 1,1030 1,150	Chloromethane	1.220	0.150	•	0	122	20	130				
1,156 0,156 1,150	cis-1,2-Dichloroethene	1.030	0.150	•	0	103	70	130				
1,150 0,160 1	cis-1,3-Dichloropropene	1.260	0.150	•	0	126	20	130				
1,060 0,160 1,10	Cyclohexane	1.150	0.150	•	0	115	70	130				
1,240 0,256 1 0 0,144 70 130 1,280 0,156 1 0 0,124 70 130 1,280 0,156 1 0 0,124 70 130 1,280 0,156 1 0 0,124 70 130 1,280 0,156 1 0 0,124 70 130 1,280 0,156 1 0 0,125 70 130 1,280 0,156 1 0 0,122 70 130 1,280 0,380 1 0 0,122 70 130 1,280 0,380 1 0 0,122 70 130 1,280 0,380 1 0 0,122 70 130 1,280 0,380 1 0 0,122 70 130 1,280 0,380 1 0 0,122 70 130 1,180 0,150 1 0 0,144 70 130 1,190 0,150 1 0 0,144 70 130 1,190 0,150 1 0 0,144 70 130 1,190 0,150 1 0 0,144 70 130 1,190 0,150 1 0 0,144 70 130 1,190 0,150 1 0 0,144 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,148 70 130 1,190 0,150 1 0 0,140 1	Dibromochloromethane	1.060	0.150	-	0	106	70	130				
1.110 0.150 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ethyl acetate	1.240	0.250	•	0	124	20	130				
1,280 0,150 1 1 0 128 70 130 1,300 0,150 1 1 0 128 70 130 1,060 0,150 1 1 0 112 70 130 1,220 0,150 1 0 12 70 130 1,470 0,150 1 0 147 70 130 2,340 0,300 1 0 147 70 130 1,150 0,300 1 0 128 70 130 1,150 0,150 1 0 144 70 130 1,140 0,150 1 0 144 70 130 1,140 0,150 1 0 144 70 130 1,150 0,150 1 0 144 70 130 1,160 0,150 1 0 144 70 130 1,170 0,150 1 0 144 70 130 1,170 0,150 1 0 144 70 130 1,170 0,150 1 0 144 70 130 1,170 0,150 1 0 144 70 130 1,170 0,150 1 0 144 70 130 1,170 0,150 1 0 100 144 70 130 1,170 0,150 1 0 100 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,150 1 0 0 140 70 130 1,170 0,170 0 0 140 70 130 1,170 0 0,150 1 0 0 0 140 70 130 1,170 0 0,150 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ethylbenzene	1.110	0.150	-	0	111	20	130				
1,300 0,150 1, 100 1, 100 1, 100 1, 100 1, 100 1, 100 1, 100 1, 100 1, 11, 1	Freon 11	1.280	0.150	-	0	128	70	130				
1.120 0.150 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	Freon 113	1.300	0.150	•	0	130	20	130				
1.060 0.150 1 10 10 10 10 10 10 10 10 10 10 10 10	Freon 114	1.120	0.150	-	0	112	70	130				
1.220 0.150 1 0 122 70 130 130 130 130 130 130 130 130 130 13	Freon 12	1.060	0.150	-	0	106	70	130				
9 0.9800 0.150 1 0.980, 70 130 1.300 0.150 1 0 130 70 130 1.470 0.150 1 0 147 70 130 2.340 0.300 1 0 122 70 130 1.280 0.300 1 0 122 70 130 1.180 0.300 1 0 122 70 130 1.180 0.300 1 0 122 70 130 1.180 0.300 1 0 122 70 130 1.190 0.150 1 0 142 70 130 1.190 0.150 1 0 144 70 130 1.080 0.150 1 0 144 70 130 1.080 0.150 1 0 123 10 1.100 0.150 1	Heptane	1.220	0.150	-	0	122	20	130				
1.300 0.150 1 130 70 70 70 70 70 70 70 70 70 70 70 70 70	Hexachloro-1,3-butadiene	0.9800	0.150	-	0	98.0	0,	130				
1.470 0.150 1 1 0 147 70 130 2.340 0.300 2 0 117 70 130 1.280 0.300 1 0 122 70 130 1.380 0.300 1 1 0 128 70 130 1.390 0.150 1 0 114 70 130 1.190 0.150 1 0 114 70 130 1.190 0.150 1 0 119 70 130 1.280 0.150 1 0 119 70 130 1.380 0.150 1 0 108 70 130 1.380 0.150 1 0 108 70 130 1.380 0.150 1 0 108 70 130 1.380 0.150 1 0 108 70 130 1.380 0.150 1 0 108 70 130 1.380 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 108 70 130 1.490 0.150 1 0 100 100 130 1.490 0.150 1 0 100 100 130 1.490 0.150 1 0 100 100 130 1.490 0.150 1 0 100 100 100 130 1.490 0.150 1 0 100 100 130 1.490 0.150 1 0 100 100 100 130 1.490 0.150 1 0 100 100 100 130 1.490 0.150 1 0 100 100 100 100 100 100 100 100	Hexane	1.300	0.150	-	0	130	70	130				
2.340 0.300 2 0 117 70 130 1.220 0.300 1 0 122 70 130 1.280 0.300 1 0 128 70 130 1.150 0.300 1 0 115 70 130 1.150 0.150 1 0 119 70 130 1.140 0.150 1 0 144 70 130 1.140 0.150 1 0 144 70 130 1.230 0.150 1 0 144 70 130 1.230 0.150 1 0 144 70 130 1.230 0.150 1 0 123 70 130 1.230 0.150 1 0 123 70 130 1.100 0.150 1 0 144 70 130 1.100 0.150 <	Isopropyl alcohol	1.470	0.150	-	0	147	20	130				ဟ
1.220 0.300 1 0 122 70 130 1.280 0.300 1 0 128 70 130 1.150 0.300 1 0 115 70 130 1.150 0.150 1 0 115 70 130 1.140 0.150 1 0 114 70 130 1.080 0.150 1 0 108 70 130 1.180 0.150 1 0 108 70 130 1.180 0.150 1 0 118 70 130 1.180 0.150 1 0 118 70 130 1.180 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 110 70 130 1.100 0.150 1 0 110 10 106 70 130 1.100 0.150 1 0 110 10 106 70 130 1.100 0.150 1 0 100 110 100 130 1.100 0.150 1 0 100 110 100 130 1.100 0.150 1 0 100 110 100 130 1.100 0.150 1 0 100 110 100 100 100 100 100 100	m&p-Xylene	2.340	0.300	2	0	117	20	130				
1.280 0.300 1 0 128 70 130 1.150 0.300 1 0 115 70 130 1.300 0.150 1 0 141 70 130 1.110 0.150 1 0 114 70 130 1.140 0.150 1 0 144 70 130 1.080 0.150 1 0 144 70 130 1.080 0.150 1 0 144 70 130 1.030 0.150 1 0 108 70 130 1.230 0.150 1 0 123 70 130 1.100 0.150 1 0 148 70 130 1.180 0.150 1 0 110 70 130 1.100 0.150 1 0 14 70 130 1.100 0.150 <t< td=""><td>Methyl Butyl Ketone</td><td>1.220</td><td>0.300</td><td>-</td><td>0</td><td>122</td><td>20</td><td>130</td><td></td><td></td><td></td><td></td></t<>	Methyl Butyl Ketone	1.220	0.300	-	0	122	20	130				
1.150 0.300 1 1 0 115 70 130 130 14 130 130 130 130 130 130 130 130 130 130	Methyl Ethyl Ketone	1.280	0.300	-	0	128	20	130				
1.300 0.150 1 0 130 70 130 1.110 0.150 1 0 111 70 130 1.190 0.150 1 0 144 70 130 1.080 0.150 1 0 108 70 130 1.080 0.150 1 0 108 70 130 1.230 0.150 1 0 123 70 130 1.100 0.150 1 0 110 70 130 1.1100 0.150 1 0 118 70 130 1.1100 0.150 1 0 118 70 130 1.100 0.0400 1 0 106 70 130 1.060 0.0400 1 0 106 70 130 1.060 0.0400 1 0 106 70 130 1.060 1	Methyl Isobutyl Ketone	1.150	0.300	-	0	115	20	130				
1.110 0.150	Methyl tert-butyl ether	1.300	0.150	-	0	130	70	130				
1.190 0.150 1 10 0 119 70 130 1.440 0.150 1 0 144 70 130 1.080 0.150 1 0 108 70 130 1.230 0.150 1 0 103 70 130 1.100 0.150 1 0 110 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 106 100 130 1.060 0.0400 1 0 106 10 106 10 below quantitation Imits B. PDD careful at the Benefit of the Denominal function of analysis exceeded 1 Analyte detected at or below quantitation limits C. Silve Benefit of the Denominal function of the property of the Denominal function of the property of the Denominal function of the	Methylene chloride	1.110	0.150	•	0	=======================================	70	130				
1.440 0.150 1 0 144 70 130 1.080 0.150 1 0 108 70 130 1.030 0.150 1 0 123 70 130 1.100 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.060 0.0400 1 0 10 70 130 1.060 0.0400 1 0 10 70 130 1.060 0.0400 1 0 10 70 130 1.060 0.0400 1 0 10 70 130 Depth antitation range H Holding times for preparation or analysis exceeded J Analyte detected at or below quantitation limits	o-Xylene	1.190	0.150	-	0	119	20	130				
1.080 0.150 1 00 108 70 130 130 1.030 0.150 1 103 70 130 130 1.230 0.150 1 1 0 0 103 70 130 130 1.100 0.150 1 1 0 0 110 70 130 130 1.100 0.150 1 0 110 70 130 130 1.100 0.150 1 1 0 110 70 130 130 1.060 0.0400 1 1 0 106 70 130 130 130 130 130 130 130 130 130 13	Propylene	1.440	0.150	-	0	144	20	130				ഗ
1.030 0.150 1 0 103 70 130 130 130 130 130 130 130 130 130 13	Styrene	1.080	0.150	•	0	108	70	130				
1.230 0.150 1 0 123 70 130 1.100 0.150 1 0 110 70 130 1.1180 0.150 1 0 118 70 130 1.100 0.150 1 0 110 70 130 1.000 0.0400 1 0 106 70 130 1.000 0.0400	Tetrachloroethylene	1.030	0.150	-	0	103	70	130				
1.100 0.150 1 0 110 70 130 1.180 0.150 1 0 118 70 130 1.100 0.150 1 0 118 70 130 1.060 0.0400 1 0 106 70 130 1.060 0.0400 1 0 106 70 130 1.060 0.0400 1 0 106 70 130 1.060 0.0400 1 0 106 70 130 1.060 0.0400 1 0 106 106 70 130 1.060 0.0400 1 0 106 106 100 130 1.060 0.0400 1 0 106 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1 0 106 100 130 1.060 0.0400 1	Tetrahydrofuran	1.230	0.150	-	0	123	70	130				
1.180 0.150 1 0 118 70 130 1.100 0.150 1 10 0 110 70 130 1.060 0.0400 1 0 106 70 130 Le above quantitation range H Holding times for preparation or analysis exceeded J Chapter of the Denotring Limit Control Li	Toluene	1.100	0.150	-	0	110	20	130				
1.100 0.150 1 0 110 70 130 1.060 0.0400 1 0 106 70 130 above quantitation range H Holding times for preparation or analysis exceeded J 1 14 the Bacoting Limit C 1 15 0 15 0 15 0 15 0 15 0 15 0 15 0	trans-1,2-Dichloroethene	1.180	0.150	•	0	118	20	130				
To 106 be 106 be 106 be 106 be 106 be 106 be 106 be 106 be 100 be	trans-1,3-Dichloropropene	1.100	0.150	-	0	110	20	130				
E Value above quantitation range H Holding times for preparation or analysis exceeded J	Trichloroethene	1.060	0.0400	-	0	106	20	130				
ND Not Detected at the Description Limit D DDD anteids accorded leading 1	Ш	quantitation range			g times for preparation	ı or analysis	exceeded	`	nalyte detected at	or below quantitati	on limits	
	CZ	at the Reporting Limit		R RPD o	atside accepted recove	rv limits		S.	oike Recovery ou	tside accented recov	ery limits	

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MitKem A Division of Spectrum A	C0802002
CLIENT:	ork Order;

C0802002 CDM/G0143

Project:

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

Sample ID: LCS1UT-020708	SampType: LCS	TestCode:	TestCode: 0.25CT-TCE-	Units: ppbV		Prep Date:		RunNo: 1488	
Client ID: ZZZZZ	Batch ID: R1488	TestNo: TO-15	TO-15			Analysis Date:	2/7/2008	SeqNo: 22145	
Analyte	Result	POL	SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	/al %RPD RPDLimit	Qual
Vinyl acetate	1.120	0.150	-	0	112	70	130		
Vinyl Bromide	1.220	0.150	-	0	122	70	130		
Vinyl chloride	1.080	0.0400	-	0	108	70	130		
Surr: Bromofluorobenzene	1.040	0	+	0	104	70	130		
Sample ID: LCS1UT-020908	SampType: LCS	TestCode:	TestCode: 0.25CT-TCE-	Units: ppbV		Prep Date:		RunNo: 1490	
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15	TO-15		•	Analysis Date:	2/9/2008	SeqNo: 22177	
Analyte	Result	PQL (SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	/al %RPD RPDLimit	Qual
1,1,1-Trichloroethane	1.020	0.150	-	0	102	0,2	130]
1,1,2,2-Tetrachloroethane	0.8700	0.150	-	0	87.0	70	130		
1,1,2-Trichloroethane	1.030	0.150	-	0	103	2	130		
1,1-Dichloroethane	0.8400	0.150	-	0	84.0	70	130		
1,1-Dichloroethene	1.100	0.150	-	0	110	70	130		
1,2,4-Trichlorobenzene	0.6100	0.150	-	0	61.0	20	130		S
1,2,4-Trimethylbenzene	0.8800	0.150		0	88.0	20	130		
1,2-Dibromoethane	0.9300	0.150		0	93.0	20	130		
1,2-Dichlorobenzene	1.020	0.150		0	102	70	130		
1,2-Dichloroethane	0.8000	0.150	-	0	80.0	70	130		
1,2-Dichloropropane	0.9000	0.150	-	0	90.0	20	130		
1,3,5-Trimethylbenzene	0.9800	0.150	-	0	98.0	20	130		
1,3-butadiene	0.8400	0.150	1	0	84.0	20	130		
1,3-Dichlorobenzene	1.010	0.150	-	0	1 01	70	130		
1,4-Dichlorobenzene	0.9600	0.150	-	0	96.0	20	130		
1,4-Dioxane	1.030	0.300	-	0	103	70	130		
2,2,4-trimethylpentane	0.9100	0.150	-	0	91.0	70	130		
4-ethyltoluene	0.9200	0.150	-	0	92.0	20	130		
Acetone	0.7000	0.300	-	0	70.0	20	130		
Allyl chloride	0.8500	0.150	-	0	85.0	70	130		
Велгепе	0.9100	0.150	-	0	91.0	20	130		
<u></u>						77		1	
	value above quantilation range			Holding times for preparation of analysis exceeded	i or anarysis * - ite	exceenen		Analyte detected at or below quantitation limits	
ND Not Detected	Not Detected at the Reporting Limit		R RPD outs	RPD outside accepted recovery limits	ry limits		S Spike Recov	Spike Recovery outside accepted recovery limits	

MitKem A Division of Spectrum Analytical, CLIENT:

C0802002 CDM/G0143 Work Order:

Project:

TestCode: 0.25CT-TCE-VC

ANALYTICAL QC SUMMARY REPORT

))	-10 1-10 caro			יבה למום.		
Client ID: ZZZZZ	Batch ID: R1490	TestNo: TO-15	TO-15		Analysis Date:	2/9/2008	SeqNo: 22177
Analyte	Result	PQL S	SPK value SPK Ref Val	%REC	LowLimit H	HighLimit RPD Ref Val	%RPD RPDLimit Qual
Benzyl chloride	0.9200	0.150	1	92.0	02	130	
Bromodichloromethane	1.030	0.150	1	103	70	130	
Bromoform	1.000	0.150	1 0	100	20	130	
Bromomethane	0.8500	0.150	1	85.0	70	130	
Carbon disulfide	1.020	0.150	1 0	102	70	130	
Carbon tetrachloride	1.080	0.0400	1 0	108	70	130	
Chlorobenzene	0.9200	0.150	1	92.0	70	130	
Chloroethane	0.8600	0.150	1 0	86.0	70	130	
Chloroform	0.8700	0.150	1	87.0	70	130	
Chloromethane	0.9300	0.150	1 0	93.0	20	130	
cis-1,2-Dichloroethene	0.7400	0.150	1	74.0	20	130	
cis-1,3-Dichloropropene	1.030	0.150	1	103	70	130	
Cyclohexane	0.8600	0.150	1	86.0	20	130	
Dibromochloromethane	0.9900	0.150	1 0	99.0	20	130	
Ethyl acetate	0.8000	0.250	1	80.0	70	130	
Ethylbenzene	0.9400	0.150	1	94.0	70	130	
Freon 11	0.9000	0.150	1	90.0	70	130	
Freon 113	0.9600	0.150	1	96.0	70	130	
Freon 114	0.9100	0.150	1	91.0	70	130	
Freon 12	0.8100	0.150	1 0	81.0	70	130	
Heptane	0.8300	0.150	1	83.0	70	130	
Hexachloro-1,3-butadiene	0.7200	0.150	1 0	72.0	20	130	
Hexane	0.7700	0.150	1	77.0	70	130	
Isopropyl alcohol	0.8400	0.150	1 0	84.0	70	130	
m&p-Xylene	1.990	0.300	2 0	99.5	70	130	
Methyl Butyl Ketone	0.8200	0.300	1 0	82.0	70	130	
Methyl Ethyl Ketone	0.8600	0.300	1 0	86.0	20	130	
Methyl Isobutyl Ketone	0.7700	0.300	1 0	77.0	70	130	
Methyl tert-butyl ether	0.9600	0.150	1	96.0	70	130	
Methylene chloride	0.9100	0.150	1	91.0	70	130	
o-Xylene	0.9700	0.150	1 0	97.0	20	130	
Oualifiers: E Value abov	Value above quantitation range		H Holding times for preparation or analysis exceeded	aration or analys	is exceeded	J Analyte detected	Analyte detected at or below quantitation limits
ı	3						

Analyte detected at or below quantitation limits Spike Recovery outside accepted recovery limits

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Holding times for preparation or analysis exceeded

RPD outside accepted recovery limits

H R

B Value above quantitation range
ND Not Detected at the Reporting Limit

Qualifiers:

ANALYTICAL OCSTIMMARY REPORT	THE THE THEORY OF THE THE TENT OF THE TENT
MitKem A Division of Spectrum Analytical,	

Work Order: C0802002

CLIENT:

Project: CDM/G0143

TestCode: 0.25CT-TCE-VC

Sample ID: LCS1UT-020908 Client ID: ZZZZZ	SampType: LCS Batch ID: R1490	TestCo	TestCode: 0.25CT-TCE- Units: ppbV TestNo: TO-15	Units: ppbV		Prep Date: Analysis Date:	Prep Date: Analysis Date: 2/9/2008	RunNo: 1490 SeqNo: 22177		
Analyte	Result	Pol	SPK value SPK Ref Val	K Ref Val	%REC	LowLimit	LowLimit HighLimit RPD Ref Val	%RPD RP	RPDLimit Qual	[g]
Propylene	0.7100	0.150	-	0	71.0	70	130			
Styrene	0.9000	0.150	-	0	90.0	20	130			
Tetrachloroethylene	1.020	0.150	-	0	102	20	130			
Tetrahydrofuran	0.7300	0.150		0	73.0	70	130			
Toluene	0.9300	0.150	-	0	93.0	7	130			
trans-1,2-Dichloroethene	0.8700	0.150	-	0	87.0	70	130			
trans-1,3-Dichloropropene	0.9100	0.150	-	0	91.0	2	130			
Trichloroethene	1.040	0.0400	-	0	104	70	130			
Vinyl acetate	0.7700	0.150	-	0	77.0	2	130			
Vinyl Bromide	0.8200	0.150	- -	0	82.0	20	130			
Vinyl chloride	0.8400	0.0400		0	84.0	70	130			
Surr: Bromofluorobenzene	1.030	0	,	0	103	02	130			

Page	314	of	354.

Data Path : C:\msdchem\1\DATA\
Data File : BD020704.D

Acq On : 7 Feb 2008 Operator : 6:06 pm

: LCS1UT-020708 Sample

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 16:52:39 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

- Compound	R.ጥ.	QIon	Response	Conc. Ut	aits	Dev	(Min)
Internal Standards 1) Bromochloromethane	10.812	128	18945	1.00	nnh		0.00
30) 1,4-difluorobenzene	12.880		46162	1.00			0.00
44) Chlorobenzene-d5	17.047		48915	1.00			0.00
System Monitoring Compounds	10 461	0.5	05075	1 04			0 00
57) Bromofluorobenzene Spiked Amount 1.000 I	18.461 Range 70	95 - 130	25875 Recove:	1.04		ሰለዓ	0.00
Spiked Amount 1.000 i	valige 70	- 130	Recove.	∟у	104.	.000	
Target Compounds						Qva	alue
<pre>2) Propylene</pre>	4.934	41	41815	1.44			95
3) Freon 12	4.991	85	186183	1.06			99
4) Chloromethane	5.219		56700	1.22			98
5) Freon 114 6) Vinyl Chloride	5.222 5.447	85 62	171482 39232	1.12 1.08			99 96
7) 1,3-butadiene	5.564		33082	1.23			84
8) Bromomethane	5.961	94	43868	1.13			100
9) Chloroethane	6.144		18573	1.18	ppb		95
10) Vinyl Bromide	6.510		43545	1.22	ppb		98
11) Freon 11	6.789	101	216179	1.28		п	98
12) Acetone 13) Isopropyl alcohol	7.005 7.125	58 45	15889 44058	$1.04 \\ 1.47$		#	61 100
14) 1,1-dichloroethene	7.579		42345	1.72		π	97
15) Freon 113	7.780	101	118087	1.30			87
16) Methylene chloride	8.044	84	39354	1.11			90
17) Allyl chloride	8.035		36926				87
18) Carbon disulfide	8.227		134210m	1.28			0.0
19) trans-1,2-dichloroethene 20) methyl tert-butyl ether	8.993 9.059	61 73	38594 49566m	1.18			99
21) 1,1-dichloroethane	9.425		72702	1.10	daa		98
22) Vinyl acetate	9.413		35926	1.12	ppb		95
23) Methyl Ethyl Ketone	9.974	43	73155m	1.28	ppb		
24) cis-1,2-dichloroethene	10.367		30771	1.03			98
25) Hexane	9.971 10.548	41 43	37592m	1.30			97
26) Ethyl acetate 27) Chloroform	10.548	83	50541 86163	1.05			100
28) Tetrahydrofuran	11.220	42	18631	1.23	daa		95
29) 1,2-dichloroethane	11.995	62	53227	1.07			99
31) 1,1,1-trichloroethane	11.745	97	88072	1.11			100
32) Cyclohexane	12.382	56	31388	1.15	ppb	#	63
33) Carbon tetrachloride 34) Benzene	12.328 12.298	117 78	104595 80494m	$\begin{bmatrix} 1.10 \\ 1.12 \end{bmatrix}$	agg		100
35) 1,4-dioxane	13.775	88	7277m				
36) 2,2,4-trimethylpentane	13.048	57	111273	$\sqrt{\frac{1.02}{1.18}}$	daa		97
37) Heptane	13.348	43	38377	1.22			96
38) Trichloroethene	13.465	130	38701	1.06			99
39) 1,2-dichloropropane	13.562	63	37312	1.09			99
40) Bromodichloromethane	13.847	83	88345	1.10			99
41) cis-1,3-dichloropropene 42) trans-1,3-dichloropropene	14.561 15.219	75 75	47074 30934	1.26 1.10			97 98
43) 1,1,2-trichloroethane	15.507	97	47904	1.07			100
45) Toluene	15.306	92	46169	1.10			97
46) Methyl Isobutyl Ketone	14.510	43	48571	1.15	ppb		97
47) Dibromochloromethane	16.137	129	74365	1.06			99
48) Methyl Butyl Ketone 49) 1,2-dibromoethane	15.678	43 107	42079 59434	1.22			98 97
49; 1,2-dibionocollane	16.371	TO/	シフサン せ	1.05	րխո		וכ

Data Path : C:\msdchem\1\DATA\

Data File : BD020704.D

Acq On : 7 Feb 2008 Operator : 6:06 pm

: LCS1UT-020708 Sample

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 12 16:52:39 2008
Quant Method: C:\MSDCHEM\1\METHODS\B205D_1UT.M

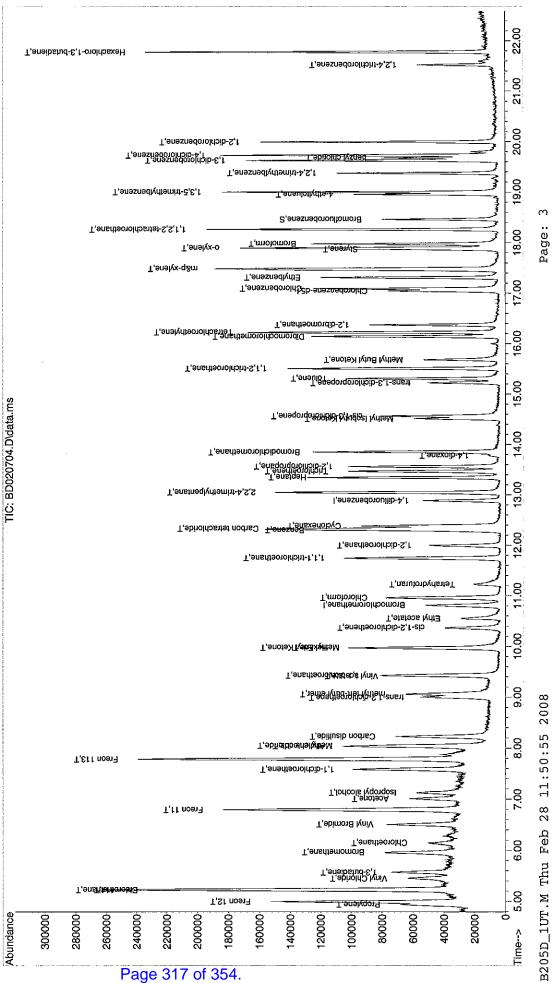
Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) Tetrachloroethylene	16.224	164	38977	1.03 ppb	99
51) Chlorobenzene	17.092	112	73570	1.03 ppb	98
52) Ethylbenzene	17.311	91	85116	1.11 ppb	
53) m&p-xylene	17.485	91	171609	2.34 ppb	
54) Styrene	17.869	104	45222	1.08 ppb إرو	99
55) Bromoform	17.977	173	60644	$\nu_{1.00~ m ppb}$	98
56) o-xylene	17.893	91	97167m	1.19 ppb	
58) 1,1,2,2-tetrachloroethane	18.263	83	100722	0.98 ppb	
59) 4-ethyltoluene	18.956	105	54700m	1.14 ppb	
60) 1,3,5-trimethylbenzene	19.001	105	99212m	\ 1.14 ppb	
61) 1,2,4-trimethylbenzene	19.376	105	56303	1.02 ppb	
62) 1,3-dichlorobenzene	19.626	146	70817	1.09 ppb	
63) benzyl chloride	19.677	91	56398	1.26 ppb	
64) 1,4-dichlorobenzene	19.728	146	78773	1.14 ppb	98
65) 1,2-dichlorobenzene	19.992	146	67434	1.14 ppb	97
67) 1,2,4-trichlorobenzene	21.520	180	16230	1.05 ppb	
68) Hexachloro-1,3-butadiene	21.778	225	40501	0.98 ppb	99

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

CI, VNCL Sample Multiplier: 90:9 C:\msdchem\1\DATA\ 1ugM3 & 0.25TCE, LCS1UT-020708 Feb 2008 BD020704.D Method: Path File Operator ALS Vial Sample Acq On Quant 7 Data Misc

o 12 16:52:39 2008 C:\MSDCHEM\1\METHODS\B205D_1UT.M TO-15 VOA Standards for 5 point calibration Wed Feb 06 11:50:55 2008 Olast Update Response via Title Juant



Data Path : C:\msdchem\1\DATA\
Data File : BD020905.D

Acq On : 9 Feb 2008 Operator : 7:09 pm

Sample : LCS1UT-020908

Misc : lugM3 & 0.25TCE, CT, VNCL ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 14:52:28 2008
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Compound	R.T.	QIon	Response C	onc Uni	ts Dev(Min)
Internal Standards					
1) Bromochloromethane	10.845	128	20594	1.00 p	pb # 0.03
30) 1,4-difluorobenzene	12.892	114	45668	1.00 p	
44) Chlorobenzene-d5	17.047	117	49303	1.00 p	pb 0.00
System Monitoring Compounds					
57) Bromofluorobenzene	18.461	95	25863	1.03 p	00.00
·	ange 70		Recovery		03.00%
Target Compounds					Qvalue
2) Propylene	5.006	41	22380	0.71 p	
3) Freon 12	5.048	85	153937	0.81 p	pb 100
4) Chloromethane	5.288	50	47227	0.93 p	
5) Freon 114	5.288	85 62	151854	0.91 p	
6) Vinyl Chloride 7) 1,3-butadiene	5.510 5.633	39	33032 24731	0.84 p	
8) Bromomethane	6.015	94	35870	0.85 p	
9) Chloroethane	6.195	64	14784	0.86 p	<u>.</u>
10) Vinyl Bromide	6.561				
11) Freon 11	6.852	101	31945 164752 4. L	• 0.90 p	pb 99
12) Acetone	7.092	58	11611m	0.70 p	pb
13) Isopropyl alcohol	7.188	45	27418	0.84 p	
14) 1,1-dichloroethene	7.633	96	29435	1.10 p	
15) Freon 113	7.834	101	94812	0.96 p	
16) Methylene chloride	8.092	84	35245	0.91 p	98 dq
17) Allyl chloride 18) Carbon disulfide	8.086 8.275	41 76	22298	0.85 p	ob dg
19) trans-1,2-dichloroethene	9.038	61	115916 30919	0.87 p	
20) methyl tert-butyl ether	9.095	73	39835	0.96 p	
21) 1,1-dichloroethane	9.464	63	60121	0.84 p	
22) Vinyl acetate	9.461	43	26739	0.77 p	
23) Methyl Ethyl Ketone	10.016	43	53396	0.86 p	
24) cis-1,2-dichloroethene	10.394	61	24189	0.74 p	pb 93
25) Hexane	9.995	41	24305	0.77 p	
26) Ethyl acetate	10.584	43	35546	0.80 p	pb 100
27) Chloroform	10.986	83	77939	0.87 p	
28) Tetrahydrofuran	11.256	42	12061	0.73 p	
<pre>29) 1,2-dichloroethane 31) 1,1,1-trichloroethane</pre>	12.007 11.766	62 97	43662 80239	0.80 p 1.02 p	
32) Cyclohexane	12.397		23249	0.86 p	pb # 54
33) Carbon tetrachloride	12.340	117	101613	1.08 p	98 da
34) Benzene	12.310	78	64949m .	0.91 p	
35) 1,4-dioxane	13.799	88	7250m 🔪	1.03 p	
36) 2,2,4-trimethylpentane	13.060	57	85322	0.91 p	pb 97
37) Heptane	13.351	43	25757	0.83 p	
38) Trichloroethene	13.468	130	37687	1.04 p	
39) 1,2-dichloropropane	13.565	63	30712	0.90 p	
40) Bromodichloromethane	13.856	83	81764	1.03 p	
41) cis-1,3-dichloropropene 42) trans-1,3-dichloropropene	14.567	75 75	38335	1.03 p	
43) 1,1,2-trichloroethane	15.228 15.507	75 97	25311 45638	0.91 p 1.03 p	
45) Toluene	15.307	97 92	39245	0.93 p	
46) Methyl Isobutyl Ketone	14.510	43	32606	0.77 p	
47) Dibromochloromethane	16.146	129	70045	0.99 p	
48) Methyl Butyl Ketone	15.678	43	28333	0.82 p	
49) 1,2-dibromoethane	16.374	107	53279	0.93 p	

Data Path : C:\msdchem\1\DATA\
Data File : BD020905.D

Acq On : 9 Feb 2008 Operator : 7:09 pm

Sample : LCS1UT-020908 Misc : 1ugM3 & 0.25T0 Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 14:52:28 2008

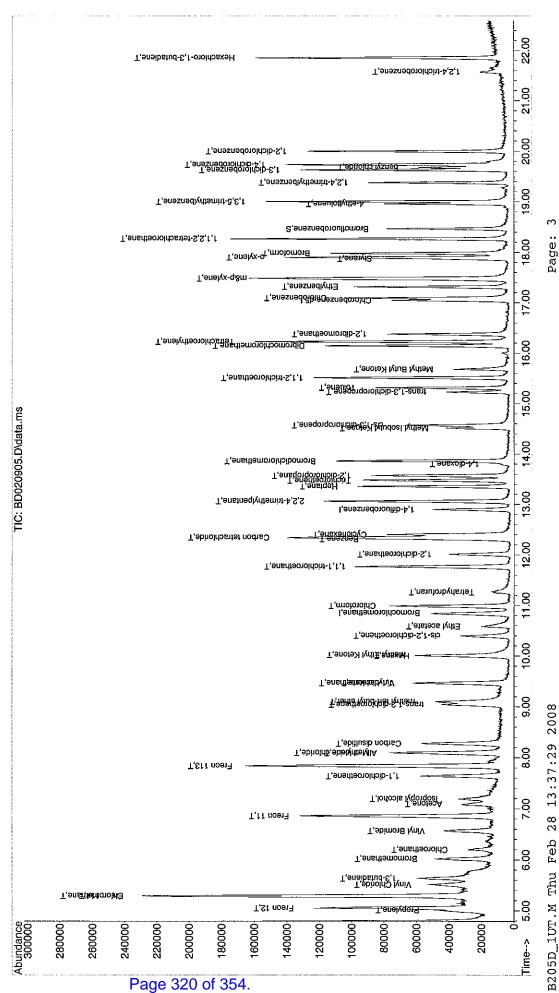
Quant Method : C:\MSDCHEM\1\METHODS\B205D_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Wed Feb 06 11:50:55 2008

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) Tetrachloroethylene	16.227	164	39044	1.02 ppb	99
51) Chlorobenzene	17.092	112	66750	0.92 ppb	98
52) Ethylbenzene	17.317	91	72648	0.94 ppb	99
53) m&p-xylene	17.482	91	146909	1.99 ppb	98
54) Styrene	17.872	104	37826	0.90 ppb	97
55) Bromoform	17.977	173	61242	1.00 ppb	100
56) o-xylene	17.896	91	80062	, 0.97 ppb	98
58) 1,1,2,2-tetrachloroethan	ne 18.266	83	90575 🏅	. № 0.87 ppb	99
59) 4-ethyltoluene	18.956	105	44629m	0.92 ppb	
60) 1,3,5-trimethylbenzene	19.001	105	86003m	0.98 ppb	
61) 1,2,4-trimethylbenzene	19.376	105	48639	0.88 ppb	99
62) 1,3-dichlorobenzene	19.626	146	65999	1.01 ppb	96
63) benzyl chloride	19.677	91	41729	0.92 ppb	99
64) 1,4-dichlorobenzene	19.731	146	66638	0.96 ppb	96
65) 1,2-dichlorobenzene	19.995	146	60913 \	1.02 ppb	96
67) 1,2,4-trichlorobenzene	21.574	180	9455m '		
68) Hexachloro-1,3-butadiene	21.853	225	30114	0.72 ppb	97

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

calibration 0. 13 14:52:28 2008 C:\MSDCHEM\1\METHODS\B205D_1UT.M point Standards for 5 11:50:55 2008 Initial Calibration TO-15 VOA Method Olast Update Response via Title Quant] Quant Quant



GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

INJECTION LOG

Instrument: HP5975 MSD GC Column: J&W DB-5MS, 1.0u, 60M

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Injection

Internal Standard Stock #: AT 3369
Standard Stock #(s) AT 3370
LCS Stock #(s)

Method Reference: Toxic Organic Componds in Ambient Air Jan-99

CD BackUp#			-	<i></i>														·			,				
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Inj. Date	80/50/20	02/06/08						- :	-	-	20/20/20					r			-		,				
Group Number	1									-							-								
MethodQ File	B205D-1U	_				-		-			→							-							
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Data File Name	Bpo2650	. 29	2)	22	23	24 ZH	25	28	30	31.	32								• :					,	
Login Number	BFB	BIUT-1.0	RIVT-0,75			_	RIVT-0,10	}-			, 1													-	
Detection Limit	E Lugh	_			,		-	P		e 3	22		f 3	54						,		-			

Analyzed by:

Page No: 74

Instrument: HP5975 MSD GÇ Column: J&W DB-5MS, 1.0u, 60M

A-MSD
Logbook
njection l

Standard Stock #(s)

Internal Standard Stock #:

LCS Stock #(s)

Method Reference: Toxic Organic Componds in Ambient Air Jan-99

Data File Name Name Name Pb0c2c7cl - Cot Cot Cot Cot Cot Cot Cot Cot Cot Cot	CD BackUp#																		-									
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Data File Dil. Inj MethodQ Group BDOZO70 - - B205D_IUT BDOZO70 - - B205D_IUT Cos - - - - OS - - - - IOX IS - - - IOX IS - - - IOX - - - - - - - - - - - - - - - - -	Inj. Time	╟─┼	_														-							== .				
Data File Dil. Inj MethodΩ Name Factor Vol cc File Shozo70	Inj. Date	02/07/61	_		-		-				02/01/0	02/08/0	-															_
Data File Dil. Inj Name Pactor Vol cc C C C C C C C C C	Group Number																				!	-	- Feb.					
Data File Dil. Inj I	MethodQ File	8205D_1VT																										()
Data File Dil. BDOZO70 - BDOZO70 - OS	Inj Vol cc	11-1		→	1	200	_		う	20	Oħ.	20	70	7.6	20	46	40	200	20	200	20	200	20	7 <u>6</u> 8	97	260	70	
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	Data File Name	10/0200	03	40	05	90	O[12	,																-		2 miles 21
	Login Number		0	51UT-020708	1UT-026708	C020768A	C020708 F	C020 708 F	C1054-013	1 -01310	-015	01 910-	70 910-	01 710 -	-007 10	-010							! -	┿	$\overline{}$		7 -012 10	
	Detection Limit	Tua/m3	13-																							į		

Analyzed by:

Page No:

Page 323 of 354.

Instrûment: HP5975 MSD GC Column: J&W DB-5MS, 1.0u, 60M

Injection Logbook A-MSD

Internal Standard Stock #: AT 3376
Standard Stock #(s) AT 3370
LCS Stock #(s) AT 3367

Method Reference: Toxic Organic Componds in Ambient Air Jan-99

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CD BackUp#									-																
Comments																									
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Group Number	L					i				,	,														
MethodQ File	B2050_1VT		e.)							-	-										
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Analyzed by:

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Instrument: HP5975 MSD GC Column: J&W DB-5MS, 1.0u, 60M

A-MSD
Logbook
Injection

AT 3378 AT 3370 Internal Standard Stock #: Standard Stock #(s)

LCS Stock #(s)

AT 3367

Method Reference: Toxic Organic Componds in Ambient Air Jan-99

Detection	Login	Data File		ini	MethodO	Group	Ē	İni	Comments	CD
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	LCS/UT-020908		١	200						
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	WAC020968B	90	ı)						
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	XOH 600- 1	Hox 11	40	Ŋ						·
	C0802002-002 10X	2 XO	<u>.a</u>	20	_	Ì				
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Analyzed by:_

Page 325 of 354.

Instrument: HP5975 MSD GC Column: J&W DB-5MS, 1.0u, 60M

Injection Logbook A-MSD

AT 3378 AT 3370 AT 3367 Internal Standard Stock #:

Standard Stock #(s)__ LCS Stock #(s)____

Method Reference: Toxic Organic Componds in Ambient Air Jan-99

CD BackUp#		(•												
Comments	ğ	4	+0 (Cozozoo) *														,									
Inj. Time	以 1007 以										-	8 1615									,	,				
Inj. Date	03/10/08	_		_		_			_		1	02/10/08	,	-			٠	,								· .
Group Number																										
MethodQ File	BZOSD-IU		*(2S	567*	*C>							→								,						
Inj Vol cc	20	ઠ	40 (282)*	20 (2557*		1,4			1	-02	5	Ŋ	,	,												
Dil. Factor	0	- 1	1280	2560	10240		1		1	10	ΉÖ	40											•			
Data File Name	X BD020932	OX 33	12x0x 34	2560x 35	10240X 34	,	38		ሳተ		40x 42	ox 43		-										·		
Login Number	100/m34 CO803009-00016X BD020932	1 - cap-	+004	1-00H	100- J	C0802011-001	-003	-005	H00-	X 0 10 0 -	1 -004 40x	CG861054-007 40X			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The factor of the state of		i Androv								
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Detection Limit	m on	· ·						•		, .	326	>		54					-							

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Page No:_

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15

STANDARDS LOG

Centek Laboratories, LLC

GC/MS Calibration Standards Logbook

Chk'd by Stock # Stock conc Initial vol Final vol Final Conc/ppbv Prep by イイ がか かん H. H. ~ 2 50 ppb POM 50 ppp 5000b 50 oph 5000 50ppb 50 pp ada Mod q a **9**00 1000 O. gosiel 45psi.A Spectra Gases 5051G 30ps1A .5psig 30psiA 0,9*0*sid 4*50sid* 45psia 5051G 30ps1A Apsie 45psia ,50516 30PSIA Sco± Gase± Sesex SpsK 30 ps14 800ps 16 Gases 5051G 30ps1A 30ps1A SOC PSIG SCOpside N 0.9psic 50516 गड्ड क्य opw \$0 pap pom DDM 50 pp 5000b DOM Mdd 57 COCO 34/18 2056/2057 STD | 2063/20614 M80730 7065 -CS TO 15 10 1 20 56/20 707/70X EVE AB-18158 2063/204 BFB/ITNT TOL5 2062 2054 2069 2055 - TOIS 18759 2066 LCST01510Tstp2066 2062 evet. TOIS STD CS 7015 Description LCS 7015 **TOIS IS** 7015 75 TO15 117 1015 IVT BFB/INT 7015 5/14/07 5/R/08 5/14/07 5/22/07 5/18/02 5/8/02 Date Prep Date exp 5/14/07 5/B/03 5/6/03 5/14/07 5/14/67 5/14/07 5/15/07 063 5/9/07 5/12/07 5/8/07 5/7/07 2/8/07 2066 15/9/07 5 /lalo7 5/7/07 5/7/07 5/9/07 2064 5/9/07 Std # 2057 2055 2069 065 2058 2992 2056 2060 2072 2068 502 2067 2070 706 1702

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Page#

Chkd by						-												
Prep by	M	9	dul	۶۰	→	7.70	7.7.	₹. ₹.	and		- ,	M		9	e)			9
Final conc/ppbV	50,000	6	10 ppn	1 499	-)	loop	900	(50,000	•	9	lppa			->
finial vol	38 .3	→	30	O.9psic 45psiA	· →	0.90315 450SIA	O. 90sig 45psiA	O. 9 psic 45psiA			- <i>,</i>	30,051/2	,	9	45051			3
Initial vol	1,5ps 4 38.3	9	3,0516	0.90516	- →	0.9816	0.90816	O.Posic			\rightarrow	1,50516		9	1.5051			7
Stock conc Initial vol	Ippr		10000	50 pp	, , ↑	Soon	50.00	50 en			→	1000	, ,,,	7	50000		/	0
Stock #	2064	7.05C/ 7.057	2048	3350	3351	1 1-4	3250	3250	3350			2063	1063,	2056	3362		ı	
Description	TO15 STD	577		TOIS IUT IS	J STB		40.17 T. T. 7.09	17015 111 TS	TOIS IVI TS	AUS	484	1015 IS			i	570	4577	787
Date exp	2/2/5		2/2/08	2/3/08	1/2/08	ĺ	11.60	9/6	1		-,	2/2/2	-					9
Date Prep	20/20/1	-	192/00	M	1/28/08		100	120/00		2	7. 2/3K	2/1/00	- 3/08				→	2/4/08
Std #	13K1	235.7	2252	3264	22.5	22.77	227.0	75.55	335K	3360	1722	2267	32/3	327.11	22/5	22//	33/7	33.68

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Chkd by																•			
Prep by	۶٠ ۶٠	う	7.7,	4.2	7.7	→	7/1	7.7	7	H H	7	9	4:4:) د	7.7		<u> </u>	7
Final conc/ppbV.	Yaa		ррт	50 pp	qed	->	bbo	900	,	And	707		qad		>	ppm	qdd	>	qad
Final	4		4	Ì			1/	_	-7	_	-	17	ğ				_	<u> </u> ,	
finial vol	450sia	->	30 DS 1A	30ps18	45psiA	->	45 psh	450SIA	7	45pc10		<u>a</u>	30 ps 1A	+	>	30ps1/	450816	→	45psu
	0.986	→	3.0psig 30psiA	4.5 psig 30psin	O. 9 psic 45 psi A	· →	0,5 psid 45 psp	0,9816 450SIA	- /	A Prof. HSpeid		HIGH CT SISOL O	.5ps1G	-	,	3,0psig 30psiA	D.9psic 45psiA	-	O.9 psig 45psiA
Stock conc Initial vol	Soon	┼─	ODOM		50ppb (=>	50ppB				†	addos.	ppm	-	>	Оррт	50pp	= >	50 pp
Stock # S	+	23/62	┼═	~	3372	3372	3372	3272	-	3 2 2 2 2	27.50	5372	2062	2063/2064	2054/2057	2098		3381	7385 S77
otion	(8)	e	200	IS	NT IS	INTES	V 97 15	ST TU	3	3	25	Tal 5 WT #5	IS	STD	Lcs))	STA	507
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Date exn		00/01/7	2/12/08	2/12/08	2/12/18	→	2/12/6	2/2/2	20/5/17	1/2/20	2/12/08	2/12/08	2/18/08	·	,	2/12/08	2/18/08	_	\
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# 776	# 010	3369	55/0	2277	2272	וורגג	7225	2/55	5376	3377	3378	3379	3380	7361	3382	2247	2294	2285	3386

GC/MS VOLATILES-WHOLE AIR

METHOD TO-15 CANISTER CLEANING LOG

Maintenance Logbook QC Canister Cleaning &

Canister Number	QC Can Number	Number of Cycles	Date	QC Batch Number	Maintenance	
333	96	20	20/91/10	MACOIKO 84	11.0/10340.75	1 3+0 3 5 TCE, CC/L+VNGL
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Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : BD011606.D

Acq On : 16 Jan 2008 7:41 pm

Operator

: WAC011608A Sample

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 12 Sample Multiplier: 1

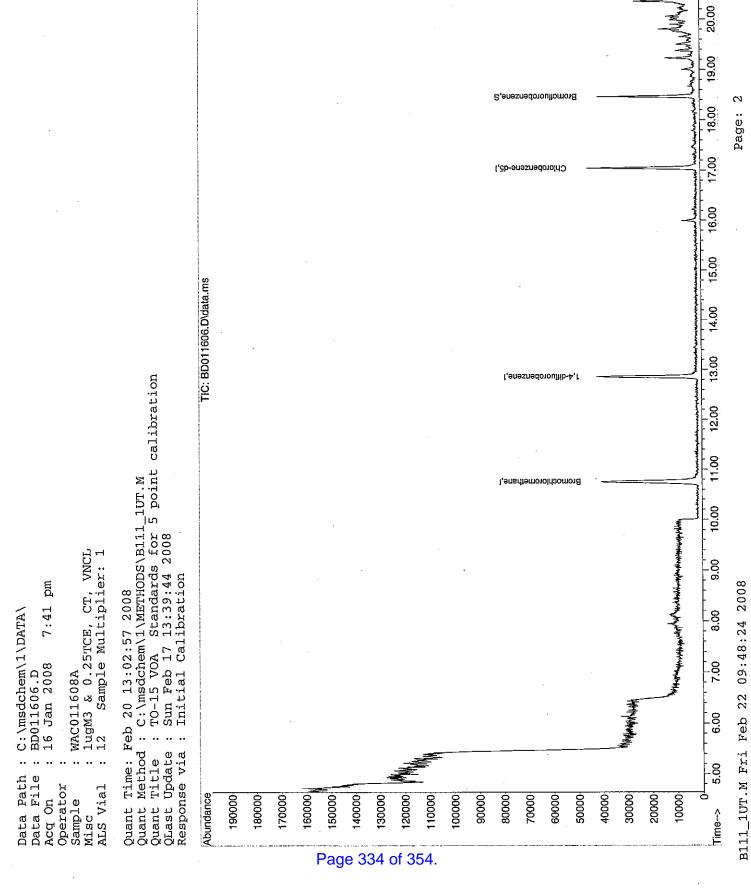
Quant Time: Feb 20 13:02:57 2008

Quant Method : C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for $\overline{5}$ point calibration QLast Update : Sun Feb 17 13:39:44 2008

Compound	R.T.	QIon	Response	Conc Un	its	Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.752 12.857 17.045	128 114 117	18288 41291 31830	1.00 1.00 1.00	ppb	# 0.01 0.00 0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.465 Range 70	95 - 130	12261 Recover	0.96 TY =		0.00 0.08
Target Compounds						Qvalue

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



22.00

21.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File : BD011607.D

: 16 Jan 2008 Acq On 8:15 pm

Operator :

: WAC011608B

Sample : lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 20 13:07:46 2008

Quant Method: C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Sun Feb 17 13:39:44 2008 Response via : Initial Calibration

Compound	R.T.	QIon	Response (Conc Unit:	s Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.752 12.857 17.045	128 114 117	21771 45146 37625	1.00 ppl 1.00 ppl 1.00 ppl	0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.467 Range 70	95 - 130	12190 Recovery	0.80 pp	o 0.00 0.00%
Target Compounds					Qvalue

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

B111_1UT.M Fri

Data Path : C:\msdchem\1\DATA\

Data File : BD011608.D

: 16 Jan 2008 8:48 pm Acq On

Operator :

Sample : WAC011608C

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial: 13 Sample Multiplier: 1

Quant Time: Feb 20 13:10:42 2008

Quant Method: C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Sun Feb 17 13:39:44 2008

Compound	R.T.	QIon	Response	Conc U	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.747 12.860 17.048	128 114 117	19862 44239 34777	1.00 1.00 1.00	dqq	# 0.00 0.00 0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.471 Range 70	95 - 130	12178 Recover	0.87 ry =	ppb 87	0.00
Target Compounds	_					Qvalue

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

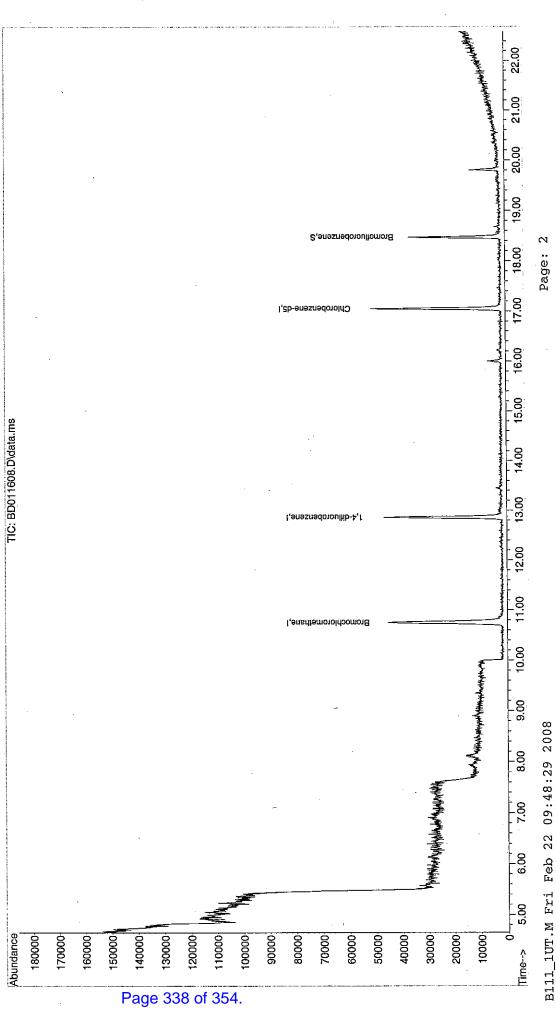
8:48 pm C:\msdchem\1\DATA\
BD011608.D Data File Data Path

16 Jan 2008 Operator Acq On

WAC011608C lugM3 & 0.25TCE, CT, VNCL 13 Sample Multiplier: 1 ALS Vial Sample Misc

TO-15 VOA Standards for 5 point calibration Sun Feb 17 13:39:44 2008 o 20 13:10:42 2008 C:\msdchem\1\METHODS\B111_1UT.M Quant Time: Feb 2 Quant Method : C: Quant Title : TC Qlast Update

Initial Calibration Response via



Data Path : C:\msdchem\1\DATA\

Data File : BD011609.D

Acq On : 16 Jan 2008 9:22 pm

Operator

: WAC011608D Sample

: 1ugM3 & 0.25TCE, CT, VNCL Misc : 14 Sample Multiplier: 1 ALS Vial

Quant Time: Feb 20 13:13:44 2008

Quant Method : C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Sun Feb 17 13:39:44 2008

Compound	R.T. Q	Ion Response	Conc Units Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	12.866	128 17866 114 39827 117 32568	1.00 ppb # 0.00 1.00 ppb 0.00 1.00 ppb 0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.468 Range 70 -	95 11193 130 Recove	0.85 ppb 0.00 ery = 85.00%
Target Compounds			Qvalue

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

9:22 pm 16 Jan 2008 BD011609.D

Acq On Operator

Sample Misc

WAC011608D lugM3 & 0.25TCE, CT, VNCL 14 Sample Multiplier: 1 ALS Vial

Quant Time: Feb 20 13:13:44 2008 Quant Method : C:\msdchem\1\METHODS\B111_1UT.M Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Sun Feb 17 13:39:44 2008 Initial Calibration Response via

22,00 21.00 20.00 19.00 Bromofluorobenzene, S Page: 2 18.00 17.00 Chlorobenzene-d5,l 16.00 15.00 TIC: BD011609.D\data.ms 14.00 13.00 l, en exnedoroutitib-4, l 12.00 11.00 8romochloromethane,1 10.00 9.00 09:48:32 2008 8.00 2.00 Feb 22 9.00 5.00 110000 90000 Abundance 180000 170000 160000 150000 140000 130000 120000 100000 80000 70000 60000 50000 40000 30000 20000 10000 Time--> Page 340 of 354.

B111_1UT.M Fri

Lug/m3+0,25 TCE, CCI4, VNCL Maintenance MACOLLEGE MACOLISOSD WACOII808A WACOIISORC MACOII808B Maintenance Logbook QC Batch Number QC Canister Cleaning & Page#, 20/8/10 Date Number of Cycles QC Can Number Centek Laboratories, LLC 30h 203 366 σ Canister Number 128 203 368 351 158 328 321 408 287 286

Cleaned by:

QC Canister Cleaning & Maintenance Logbook

	49/m3+0,25/TCE, CC)4+VNCL			•									•						-	
	\neg	- 1			-		-	-								-				
QC Batch Number	MACO1180XE	WACOII808 F				>			-											
Date	80/81/10					>	- •							-						
Number of Cycles	20					→				-			-	,	-					
OC Can Number	366	365			-	>														
Canieter Number	3/1/	197	120	102	36.0	3/5	8													

Page#_

Cleaned by:

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File : BD011806.D

Acq On : 18 Jan 2008

Operator

: WAC011808A Sample

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 22 09:56:56 2008

Quant Method : C:\MSDCHEM\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Mon Jan 14 14:58:31 2008

Response via : Initial Calibration

Compound	R.T. Ç	lon Response)	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	12.863	128 17897 114 39057 117 34592	1.00 ppb 1.00 ppb 1.00 ppb	0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.468 Range 70 -		0.95 ppb ery = 95	0.00 .00%
Target Compounds				Qvalue

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

0 0

22.00

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Feb 22 09:57:40 2008

B111_1UT.M Fri

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File: BD011807.D

Acq On : 18 Jan 2008

Operator

: WAC011808B Sample

: 1ugM3 & 0.25TCE, CT, VNCL Misc : 12 Sample Multiplier: 1 ALS Vial

Quant Time: Feb 22 09:58:57 2008

Quant Method : C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Sun Feb 17 13:39:44 2008

Compound	R.T. QIO	n Response	Conc Units De	ev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.738 12: 12.857 11: 17.045 11:	4 42119	1.00 ppb 1.00 ppb 1.00 ppb	0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.465 9 Range 70 - 1		0.88 ppb	0.00
Target Compounds	· -			Qvalue

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

2:38 pm C:\msdchem\1\DATA\ BD011807.D 18 Jan 2008 2:38 Data Path Data File

Operator Sample

Misc

WAC011808B lugM3 & 0.25TCE, CT, VNCL 12 Sample Multiplier: 1 ALS Vial

o 22 09:58:57 2008 C:\msdchem\1\METHODS\B111_1UT.M TO-15 VOA Standards for 5 point calibration Sun Feb 17 13:39:44 2008 Initial Calibration Quant Time: Feb Quant Method : C QLast Update Response via Quant Title

22,00 21.00 20,00 19.00 S.anaznadoroultomora 18,00 Page: 17.00 Chlorobenzene-d5,1 16.00 15.00 TIC: BD011807.D\data.ms 14.00 13,00 1,4-diffuorobenzene,1 12.00 11.00 Bromochloromethane,1 10,00 9.00 8.0 7.00 6.00 5.00 40000 20000 160000 150000 140000 120000 110000 100000 90000 80000 70000 00009 50000 30000 10000 30000 Time-->

09:59:18 2008

B111_1UT.M Fri Feb 22

Page 346 of 354.

Data Path : C:\msdchem\1\DATA\

Data File : BD011808.D

Acq On : 18 Jan 2008 3:11 pm

Operator :

Sample : WAC011808C

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 22 10:00:52 2008

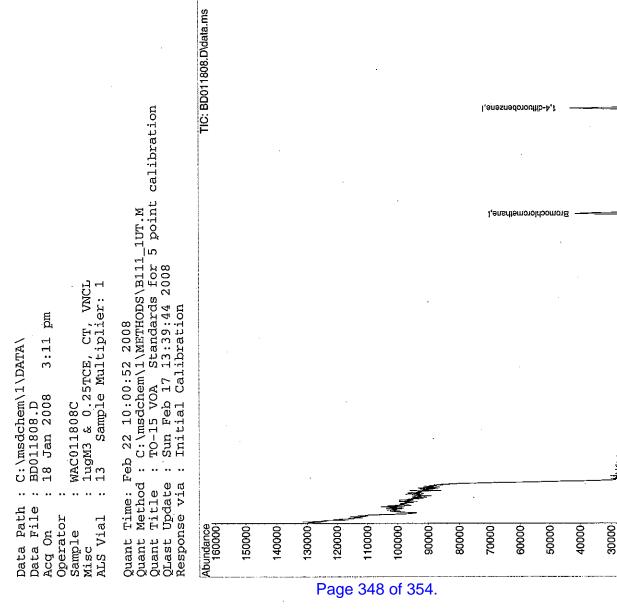
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration

QLast Update : Sun Feb 17 13:39:44 2008

Compound	R.T.	QIon	Response	Conc Ur	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.734 12.854 17.039	128 114 117	18777 39923 32760	1.00 1.00 1.00	ppb	0.00 0.00 0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.462 Range 70	95 - 130	11609 Recover	0.88 y =		0.00
Target Compounds		 -	-			Qvalue

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



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Time-->

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Feb 22 10:01:20 2008

B111_1UT.M Fri

Page: 2

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Вготойцогорелгеле, S

Chlorobenzene-d5,1

Data Path : C:\msdchem\1\DATA\

Data File : BD011809.D

: 18 Jan 2008 Acq On

Operator Sample

: : WAC011808D

: 1ugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 22 10:02:47 2008
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Sun Feb 17 13:39:44 2008 Response via : Initial Calibration

Compound	R.T.	QIon	Response (Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.749 12.863 17.048	128 114 117	16927 36186 27727	1.00 ppl 1.00 ppl 1.00 ppl	0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.464 Range 70	95 - 130	9428 Recovery	0.84 ppl y = 84	0.00 1.00%
Target Compounds					Qvalue

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

22.00

10:03:07 2008

Feb 22

B111_1UT.M Fri

Data Path : C:\msdchem\1\DATA\

Data File : BD011811.D

Acq On : 18 Jan 2008 4:57 pm

Operator

Sample : WAC011808E

Misc : 1ugM3 & 0.25TCE, CT, VNCL ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 22 10:05:43 2008

Quant Method : C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration

QLast Update: Sun Feb 17 13:39:44 2008

Response via : Initial Calibration

Compound	R.T. QIon	Response	Conc Units	Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.740 128 12.863 114 17.044 117	17923 38845 32074	1.00 ppb 1.00 ppb 1.00 ppb	0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.467 95 Range 70 - 130	10672 Recover	0.83 ppb y = 83	0.00
Target Compounds				Qvalue

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

C:\msdchem\1\DATA\ BD011811.D Data Path Data File

18 Jan 2008 Acq On

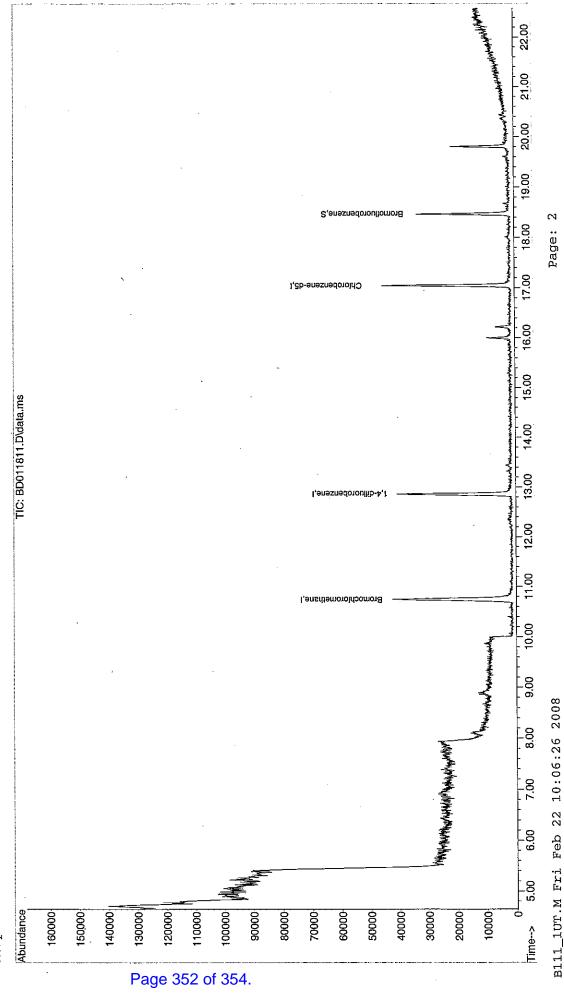
4:57

Operator Sample Misc

ALS Vial

WAC011808E 1ugM3 & 0.25TCE, CT, VNCL 15 Sample Multiplier: 1

Quant Time: Feb 22 10:05:43 2008
Quant Method: C:\msdchem\1\METHODS\B111_1UT.M
Quant Title: TO-15 VOA Standards for 5 point calibration
QLast Update: Sun Feb 17 13:39:44 2008
Response via: Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\

Data File : BD011812.D

Acq On : 18 Jan 2008 5:31 pm

Operator

: : WAC011808F

: lugM3 & 0.25TCE, CT, VNCL Misc ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 22 10:07:33 2008

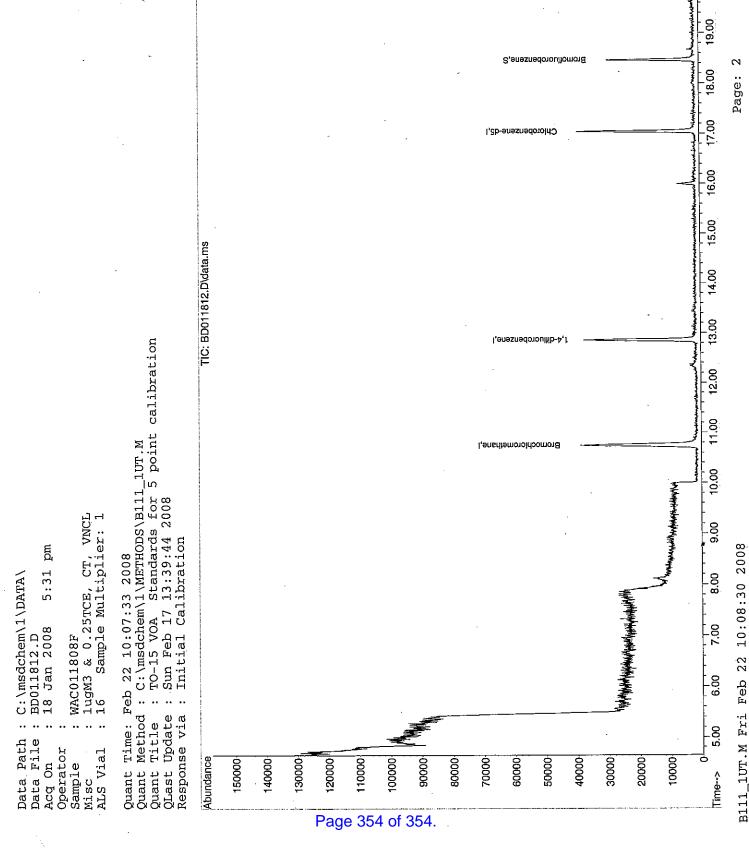
Quant Method : C:\msdchem\1\METHODS\B111_1UT.M

Quant Title : TO-15 VOA Standards for 5 point calibration QLast Update : Sun Feb 17 13:39:44 2008

Response via : Initial Calibration

Compound	R.T.	QIon	Response (Conc U	nits	Dev(Min)
Internal Standards 1) Bromochloromethane 32) 1,4-difluorobenzene 46) Chlorobenzene-d5	10.747 12.860 17.048	128 114 117	16672 35164 28036	1.00 1.00 1.00	ppb	0.00
System Monitoring Compounds 59) Bromofluorobenzene Spiked Amount 1.000	18.468 Range 70	95 - 130	9712 Recover	0.86 Y =	ppb 86.	0.00
Target Compounds	· ·					Qvalue

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



22.00

21.00

20.00



2055 Niagara Falls Blvd., Suite #3 Niagara Falls, New York 14304

Telephone: (716) 297-6150 Fax: (716) 297-2265

www.CRAworld.com

MEMORANDUM

To:

John Blaum [Blaum]P@cdm.com]

REF. NO.:

051681-03

FROM:

Susan Scrocchi/bjw/3555

DATE:

September 2, 2008

E-Mail and Hard Copy if Requested

RE:

Analytical Results and QA/QC Review Town & Country Cleaners D004437-18

Aqueous, Non-Aqueous and Air Monitoring

January 2008

INTRODUCTION

Sixteen (16) groundwater, 12 soil and eight air samples were collected at the Town & Country Cleaners Site #8-28-149. The samples were collected during January 2008. Groundwater and soil samples were submitted to Mitkem Laboratories located in Worick, RI and air samples were submitted to Centek Laboratories, LLC. Located in Syracuse, NY. Samples were analyzed for the following:

Methodology

Volatile Organic Compounds (VOCs)
Volatiles in Air

SW-846-8260¹ TO-15²

The analytical results are summarized in Tables 1A - 1C. The quality assurance/quality control (QA/QC) criteria by which these data have been assessed are outlined in the analytical methods with the "National Functional Guidelines for Organic Data Review," (October 1999).

Level IV data reports, including all raw data, were submitted by the laboratories. Data assessment was based on information obtained from final data sheets, blank data, duplicate results, surrogate recoveries, spike recoveries, blank spike recoveries, internal standard recoveries and calibration results.

QA/QC REVIEW

All samples were prepared and/or analyzed within the method specified holding times. All samples were properly preserved after collection and maintained at 4°C (±2°C).

[&]quot;Test Methods for Solid Waste Physical/Chemical Methods", SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

² Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, January 1999.

The gas chromatograph/mass spectrometer (GC/MS) tuning summaries and raw data were reviewed and all the criteria were met for Method SW-846 8260 and Method TO-15.

Initial calibrations were reviewed for Method SW-846 8260 and Method TO-15. Linearity of the calibration curve and instrument sensitivity were evaluated against the following criteria:

- i) all relative response factors (RRFs) for the GC/MS must be greater than or equal to 0.05; and
- ii) percent relative standard deviation (%RSD) values for GC/MS must not exceed 30 percent or if linear regression is used, the correlation coefficient (R2) value must be at least 0.99.

All analytes showed adequate instrument linearity. All analytes showed adequate instrument sensitivity with the exception of acetone and 2-butanone yielding response factors less than 0.05. All associated positive sample results were qualified as estimated and all associated non-detect results were rejected due to poor analyte sensitivity.

Continuing calibrations were reviewed for Method SW-846 8260 and Method TO-15. The following criteria were employed to evaluate continuing calibration data:

- i) all RRF values for the GC/MS must be greater than or equal to 0.05; and
- ii) GC/MS percent difference (%D) values must not exceed 25 percent SW-846 8260 and 30 percent for TO-15.

All results showed adequate instrument linearity for SW-846 8260 with the exception of carbon disulfide, naphthalene, bromoform and trichlorofluoromethane yielding a %D greater than 25. All associated sample results were qualified as estimated to reflect the implied variability. All results showed adequate instrument sensitivity with the exception of acetone and 2-butanone yielding low response values. All associated positive sample results were qualified as estimated and all associated non-detect results were rejected due to poor analyte sensitivity. All results showed adequate instrument linearity for TO-15 with the exception of bromoform and benzyl chloride yielding a %D greater than 30. All associated sample results were qualified as estimated to reflect the implied variability. All results showed adequate instrument sensitivity.

Surrogates and internal standards were added to all samples, blanks, and QC samples prior to analysis of VOCs in air and groundwater. All surrogate recoveries met the method criteria indicating acceptable analytical efficiency with the exception of a high 4-bromfluorobenzene recovery in sample GP3-SV1. All associated positive sample results were qualified as estimated and all non-detect results would not have been impacted by the implied high bias. Several internal standard recoveries did not meet the method criteria. Method TO-15 recoveries were high and all associated positive sample results were qualified as estimated and all non-detect results would not have been impacted. Method SW-846 8260 yielded some low recoveries and all associated sample results were qualified as estimated.

Method blanks were analyzed for all parameters and all TO-15 results were non-detect. Low levels of acetone, methylene chloride and tetrachloroethene were detected in the SW-846 8260 method blanks. All associated data within five times the tetrachloroethene concentration and ten times within the methylene chloride and acetone concentrations were qualified as non-detect.

Blank spikes (BS) were prepared and analyzed. Some outlying recoveries were observed. The following qualification guidelines were followed:

- i) where a high recovery was observed, all associated positive sample results were qualified as estimated and all non-detect results would not have been impacted; and
- ii) where a low recovery was observed, all associated sample results were qualified as estimated.

Some BSs were prepared in duplicate to assess analytical precision. Some variability between results was observed. All associated sample results were non-detect and would not have been impacted by the implied variability.

To assess the long term accuracy and precision of the analytical methods on various matrices, Matrix spike/Matrix Spike Duplicate (MS/MSD) percent recoveries and relative percent differences (RPD) of the concentrations are determined.

No samples were submitted for MS/MSD analyses.

A trip blank was collected and transported with the investigative samples for volatile analysis by Method SW-846 8260. All trip blank results were non-detect indicating that no analyte of interest was introduced into the samples during sampling, shipment and/or storage.

Some air samples yielded results greater than the calibration range. The laboratory diluted the samples to bring the concentrations in range. The trichloroethene result for sample GP-2/GW-10 and the vinyl chloride result for sample GP-2/GW-1 was above the calibration range in the original analysis but was below the reporting limit in the diluted analysis. The original results were reported and qualified as estimated.

CONCLUSION

Based on the preceding assessment, the data were acceptable with the qualifications and exceptions noted.

TABLEIA

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS TOWN AND COUNTRY CLEANERS D004437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

OI olumb?	NYSDEC		828149-GP1-5501	828149-GP2-581	828149-GP3-SS01	828149-CP4-SS1	828149-GP5-SS1
Lab Sample Number	Recommended Soil		G0125-12A	G0125-13A	G0125-14A	G0125-04A	G0125-10A
Sampling Date	Cleanup Objective (ppb)		01-28-08	01-28-08	01-28-08	01-28-05	01-28-08
Dichlorodifluoromethane		ug/Kg	Π9	Ω9	0 9	Ω9	6.0
Chloromethane		μg/Kg	0.9	0.9	0.9	0 9	n 9
Vinyl Chloride	200	μg/Kg	200	Ω9	0 9	0.9	0 9
Brontomethane		ug/Kg	0.9	0.9	0.9	0.9	n 9
Chloroethane	1900	µg/Kg	0,9	Ω9	0.9	9	0.9
Trichloroffuoromethane		μg/Kg	0.9	Ω9	0 9	Ω9	0.9
1,1-Dichloroethene	400	ug/Kg	16	0.9	0.9	Ω9	0 9
Acetone	200	48/Kg	7 U	Ω9	9 0	22 U	59
Iodomethane		μ8/Kg	0 9	Ω9	n 9	0 9	Ω9
Carbon Disulfide	2700	μ8/Kg	6 UJ	Ω9	Ω9	0 9	0.9
Methylene Chloride	100	µ8/Kg	6 U	Ω9	0.9	0.9	n 9
trans-1,2-Dichloroethene	300	μ8/Kg	6	n 9	0.9	n 9	0.9
Methyl tert-butyl ether		μg/Kg	0.9	0.9	0.9	0.9	N 9
1,1-Dichloroethane	200	u8/K8	0.9	6 U	0.9	0.9	N 9
Vinyl acetate		μg/Kg	0.9	0.9	0.9	Ω9	Ω9
2-Butanone	300	µg/Kg	9 0	∞	0 9	7	25
cis-1,2-Dichloroethene		ug/Kg	2200	200	Ω9	n 9	0 9
2,2-Dichloropropane		μg/Kg	n 9	0 9	0.9	Ω9	Ω9
Bromochloromethane		ug/Kg	Ω9	0.9	Ω9	n 9	0.9
Chloroform	300	µg/Kg	n 9	0.9	n 9	0.9	Ω9
1,1,1-Trichloroethane	800	ug/Kg	η9	0 9	0.9	Ω9	0.9
1,1-Dichloropropene		ug/Kg	Ω9	Ω9	0.9	0.9	0.9
Carbon Tetrachloride	909	µg/Kg	Ω9	0 9	0.9	Ω9	Ω9
1,2-Dichloroethane	100	ня/Кв	n 9	0.9	Ω9	n 9	Ω9
Benzene	09	µg/Kg	Ω9	n 9	Ω,4	Ω9	0 9
Trichloroethene	700	μg/Kg	1100	\$	0.9	n 9	N 9
1,2-Dichdoropropane		ug/Kg	Ω9	Ω9	n 9	Ω9	Ω9
Dibromomethane		н g/К g	Ω9	0.9	Ω 9	Ω9	Ω9
Bronnodichloromethane		ug/Kg	N 9	0.9	0.9	0.9	0.9
cis-1,3-Dichloropropene		μg/Kg	ก 9	0 9	0.9	n 9	0.0
4-Methyl-2-pentanome	1000	ug/Kg	9 0	0.9	61)	6 U	0.9
Toluene	1500	ug/Kg	2.)	n 9	3 J	5.1	4)
trans-1,3-Dichloropropene	300	ug/Kg	0.9	6 11	6.11	n 9	Ω9
1,1,2-Trichloroethane		ug/Kg	0 9	n 9	0.9	n 9	n 9
1,3-Dichloropropane	300	μg/Kg	រា 9	0.9	N 9	n 9	0.9
Tetrachloroethene	1400	μg/Kg	210	480	1.3	Ω9	N 9
2-1 lexanone		µg/Kg	n 9	0 9	a 9	N 9	
Dibromochloromethane	N/N	ug/Kg	9 0	0.9	Ω9	0 9	O 9

TABLEIA

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS TOWN AND COUNTRY CLEANERS D004437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

Sample ID Lab Sample Number Sampling Date	NYSDEC Recommended Soil Cleanup Objective (ppb)		828149-GP7-SS01 G0125-12A 01-28-08	828149-GP2-SS1 G0125-13A U1-28-08	828149-CP3-SS01 G0125-14A 01-28-08	828149-GP4-SS1 G0125-04A 01-28-08	828149-CP5-SS1 G0125-10A f11-28-08
1,2-Dibromoethane		µg/Kg	Ω9	0 9	n 9	0.9	D \$
Chlorobenzene	1700	μg/Kg	0 9	0 y	η9	0.9	n 9
1,1,1,2-Tetrachloroethane		ив/Кв	0.9	0.9	Ω9	n 9	0.9
Ethylbenzene	5500	µg/Kg	0 9	0.9	n 9	0.9	0.9
m,p-Xylene		μg/Kg	0.9	0.9	0 9	0.9	0.9
aua/x/y-o		µg/Kg	N 9	0.9	Ω9	Ω9	n 9
Xylene (Total)	1200	µg/Kg	0.9	n 9	0.9	e uj	6 UJ
Styrene		µg/Kg	0.9	0.9	Ω9	Ω9	0.9
Bromoform		µg/Kg	0.9	0.9	0.9	9 0	Ω9
Isopropylbenzene		ug/Kg	Ω9	0.9	Ω9	0.9	Ω9
1,1,2,2-Tetrachloroethane	009	ug/Kg	0.9	Ω9	Ω9	Ω9	Ω9
Bromobenzene		ug/Kg	0.9	Ω9	Ω9	0.9	0.9
1,2,3-Trichloropropane	400	ug/Kg	Ω9	0.9	0.9	0 9	Ω9
n-Propylbenzene		μg/Kg	0.9	Ω9	6 U	n 9	0.9
2-Chlorotoluenc		μ8/Kg	0.9	Ω9	6 U	Ω9	Ω9
1,3,5-Trimethylbenzene		ug/Kg	Ω9	Ω9	6 U	n 9	Ω9
4-Chlorotoluene		ug/Kg	0.9	Ω9	n 9	Ω9	6 U
tert-Butylbenzene		ug/Kg	Ω9	Ω9	n 9	0.9	n 9
1,2,4-Trimethylbenzene		μg/Kg	Ω9	Ω9	0.8	0.9	Ω9
sec-Butylbenzene		μg/Kg	Ω9	Ω9	6 U	0.9	n 9
4-IsopropyItoluene		μg/Kg	Ω9	Ω9	n 9	0.9	Ω9
1,3-Dichlorobenzene	1600	ug/Kg	Ω9	Ω9	0 9	Ω9	0.9
1,4-Dichlorobenzene	8500	µg/Kg	n 9	N 9	n 9	Ω9	Ω9
n-Butylbenzene		μg/Kg	Ω9	0.9	η 9	Ω9	Ω9
1,2-Dichlorobenzene	7900	ug/Kg	η,	Ω9	O 9	Ω9	Ω9
1,2-Dibromo-3-chloropropane		μg/Kg	Ω9	Ω9	N 9	0.9	0.9
1,2,4-Trichlorobenzene	3400	μg/Kg	Ω9	N 9	N 9	0.9	0.9
Hexachlorobutadiene		ug/Kg	0 9	Ω9	N 9	0.9	Ω9
Naphthalenc		ug/Kg	(n 9	n 9	0.9	11.9	Ω9
1,2,3-Trichlorobenzene		иg/Kg	n 9	N 9	η 9	η 9	n 9

TABLEIA

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS TOWN AND COUNTRY CLEANERS D004437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

Sample ID	NYSDEC	828149-GP6-SSI	828149-GP8-SSI	828149-GP10-SS1	828149-GP100-SS1	828149-CP11-SS1	828149-CP110-SSI
Lab Sample Number Sampling Date	Recommended Soil Cleanup Objective	G0125-11A 01-29-08	G0125-05A 01-29-08	G0125-09A 01-29-08	C0125-07A 07-29-08	C0125-06A 01-29-08	C0125-03A 01-29-08
	(qdd)						
Dichlorodifluoromethane		n 9	n 9	0.9	0.9	D 9	0 9
Chloromethane		0 9	0.9	0.9	0 9	0.9	N 9
Vinyl Chloride	200	0 9	N 9	0 9	0.9	Ω9	N 9
Bromomethane		0 9	0.9	n 9	0.9	n 9	Ω9
Chloroethane	1900	0 9	0.9	0 9	0.9	n 9	n 9
Trichlorofluoromethane		0 9	n 9	0.9	0.9	Ω9	0.9
1,1-Dichloroethene	400	Ω9	Ω9	n 9	0.9	Ω9	n 9
Acetone	200	n 9	0.9	0 9	0.9	Ω9	0.9
Iodomethane		6 U	n 9	6 U	Ω9	Ω9	Ω9
Carbon Disulfide	2700	0.9	0.9	n 9	Ω9	0.9	θυ
Methylene Chloride	100	Ω9	6.0	60	0 9	Ω9	Ω9
trans-1,2-Dichloroethene	300	0.9	6.0	n 9	0.9	Ω9	Ω9
Methyl tert-butyl ether		N 9	0 9	0.9	0.9	Ω9	Ω9
1,1-Dichloroethane	200	n 9	0.9	0 9	n 9	Ω9	Ω9
Vinyl acetate		0.9	0.9	0.9	0.9	Ω9	Ω9
2-Butanone	300	1.]	2.3	0.9	0 9	Ω9	0.9
cis-1,2-Dichloroethene		0.9	0.9	0.9	9	n 9	0 9
2,2-Dichloropropane		0 9	0.9	Ω9	0.9	ກ 9	Ω9
Bromochloromethane		6 U	n 9	Ω9	Ω 9	Ω9	N 9
Chloroform	300	Ω9	Ω9	Ω9		0.9	n 9
1,1,1-Trichloroethane	800	6 U	Ω9	Ω9	0.9	0.9	N 9
1,1-Dichloropropene		0.9	0.9	n 9	0.9	Ω9	Ω9
Carbon Tetrachloride	009	6 U	Ω9	0.9	6.0	Ω9	Ω9
1,2-Dichloroethane	100	0.9	0.9	n 9	0.9	Ω9	0.9
Benzene	. 09	0 9	0.9	n 9	Ω9	Ω9	N 9
Trichloroethene	700	0.9	0.9	Ω9	Ω9	Ω9	n 9
1.2-Dichloropropane		0.9	0.9	0.9	0.9	6 tu	Ω9
Dibromomethane		0.9	0.9	n 9	6.0	Q 9	n 9
Bromodichloromethane		0.9	0.9	Ω9	0 9	Ω9	0.9
cis-1,3-Dichloropropene		6 U	Ω9	n 9	0 9	0.9	0 9
4-Methyl-2-pentanone	1000	n 9	0.9	n 9	0.9	Ω9	n 9
Toluene	1500	2 J	0.9	3 }	2 }	2.3	3.]
trans-1,3-Dichloropropene	300	N 9	0.9	0.9	n 9	0.9	N 9
1,1,2-Trichloroethane		Ω9	0.9	Ω9	0 9	6 U	0 9
1,3-Dichloropropane	300	0.9	6 U	Ω9	N 9	D 9	Ω9
Tetrachloroethene	1400	6 U	Ω9	n 9	n 9	0 9	0 9
2-1-lexanone		6 U	0.9	N 9	N 9	Ω9	3.1
Dibromochloromethane	V/N	Ω9	0.9	0.9	ก 🤋	η 4	Ω9
elfored M Mouro A							

TABLE 1A

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS TOWN AND COUNTRY CLEANERS D004437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

Sample ID Lab Sample Number Sampling Date	NYSDEC Recommended Soil Cleanup Objective (ppb)	828149-CP6-SS1 C0125-11A 01-29-08	626149-CP8-SS1 C0125-05A 01-29-08	828149-GP10-SS1 G0125-09A 01-29-08	628149-GP100-SS1 G0125-07A 01-29-08	828149-GP11-SS1 G0125-06A 01-29-08	828149-CP110-SS1 G0125-03A 01-29-08
1,2-Dibromoethane		0 9	Π9	n 9	0.9	0.0	0.9
Chlorobenzene	1700	0.9	N 9	9 0	0 9	0.9	0.9
1,1,1,2-Tetrachloroethane		0.9	0.9	0 9	Ω9	6 U	Ω9
Ethylbenzene	5500	0.9	Ω9	N 9	Ω9	0 9	Ω9
m,p-Xykene		Ω9	Ω9	n 9	0 9	0 9	0.9
o-Xylene		0.9	Ω9	0 9	0.9	Ω9	0.9
Xylene (Total)	1200	п 9	Ω9	6 UJ	Ω9	0.9	fn 9
Styrene		N 9	n 9	0.9	Ω9	Ω9	Ω9
Bromoform		6 UJ	0 9	0.9	é uj	0 9	n 9
Isopropylbenzene		n 9	n 9	6 U	Ω9	0 9	n 9
1,1,2,2-Tetrachloroethane	009	6 UJ	0 9	0 9	6 UJ	n 9	Ω9
Bromobenzene		Ω9	0 9	0.9	Ω9	Ω9	Ω9
1,2,3-Trichloropropane	400	6 UJ	0 9	Ω9	6 UJ	П9	П9
n-Propylbenzene		6 UJ	Ω9	6 U	6 UJ	n 9	n 9
2-Chlorotoluene		6 UJ	0 9	0.9	é uj	n 9	0.9
1,3,5-Trimethylbenzene		6 UJ	9 n	Ω9	6 UJ	0.9	0.9
4-Chlorotoluene		6 UJ	9 0	0.9	6 UJ	0.9	N 9
tert-Butylbenzene		6 UJ	n 9	Ω9	6 UJ	0 9	Ω9
1,2,4-Trimethylbenzene		6 UJ	6 U	6 U	6 UJ	0.9	n 9
sec-Butylbenzene		6 UJ	9 0	Ω9	(n 9	0.9	0.9
4-Isopropyltoluene		6 UJ	N 9	Ω9	6 UJ	9 0	Ω9
1,3-Dichlorobenzene	1600	é uj	0.9	Ω9	6 UJ	Ω9	D 9
1,4-Dichlorobenzene	8200	6 UJ	0.9	Ω9	6 UJ	Ω9	6 U
n-Butylbenzene		6 UJ	Ω9	0.9	(n 9	0.9	N 9
1,2-Dichlorobenzene	2006	6 UJ	Ω9	Ω9	e uj	Ω9	0 9
1,2-Dibromo-3-chloropropane		6 03	Ω9	0.9	6 UJ	0.9	0.9
1,2,4-Trichlorobenzerve	3400	6 03	0.9	O 9	6 UJ	6.0	2.1
Hexachlorobutadiene		6 UJ	0 9	0 9	6 UJ	η,	D 9
Naphthalene		(n)	n 9	N 9	6 UJ	0.9	3.3
1,2,3-Trichlorobenzene		é UJ	0.9	n 9	6 UJ	0.9	2.3

Sample 1D Lab Sample Number Sampling Date	NYSDEC Recommended Soil Cleanup Objective (ppb)	828149-GP12-SS1 G0125-08A 01-29-08
Dichlorodifluoromethane Chloromethane		
Vinyl Chloride Bromomethane	200	6 U 6 U
Chloroethane	1900	9 0 0
Trichlorofluoromethane 1.1-Dichloroethene	400	0 9 0 9
Acetone	200	
Iodomethane		
Carbon Disulfide	2700	D 9
Methylene Chlonde Frans-1.2-Dichloroethene	3 <u>8</u>	0 9
Methyl tert-butyl ether		0 9
1,1-Dichloroethane	200	0.9
Viny) acetate		0 9
2-Butanone	300	Ω9
cis-1,2-Dichloroethene		Ω9
2,2-Dichloropropane		Ω9
Bromochloromethane		η9
Chloroform	300	D 9
1,1,1-Trichloroethane	800	Ω9
1,1-Dichloropropene		Ω9
Carbon Tetrachloride	009	0.9
1,2-Dichloroethane	100	Ω 9
Benzene	99	Ω9
Trichloroethene	200	
1,2-Dichloropropane		Ω9
Dibromonethane		D 9
Bromodichloromethane		Ω9
cis-1,3-Dichloropropene		n 9
4-Methyl-2-pentanone	1000	Ω9
Toluene	1500	5.)
trans-1,3-Dichloropropene	300	Ω9
1,1,2-Trichloroethane		Ω9
1,3-Dichtoropropane	300	Ω9
Tetrachloroethene	1400	11
2-14exanone		
Dibromochloromethane	<td>0 9</td>	0 9

ANALYTICAL RESULTS SUMMARY - NON-AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sample ID Lab Sample Number Sampling Date	NYSDEC Recommended Soil Cleanup Objective (ppb)	828149-GP12-SS1 G0125-08A 01-29-08
1,2-Dibromoethane Chlorobenzene 1 1 1 7 Wesselvaneth med	1700	9 9 4 D D E
Liller Jedachlorechale Ethylberzene rup-Xylene A-Xylene	2500	1
Cryyeae Vylene (Total) Styrene Bronnform Isommonthenzene	1200	
1,1,2,2-Tetrachloroethane Bromobenzene	009	0 e Uj
1,2,3-Trichloropropane n-Propylbenzene 2-C'hlorololuene 1,3,5-Trimethylbenzene	400	6 UJ 6 UJ 6 UJ 6 UJ
4-Chlorotoluene tert-Butylbenzene 1.24-Trimethylbenzene sec-Butylbenzene 4-isopropyltoluene		. D. D. D. D. D. D. D. D. D. D. D. D. D.
1,3-Dichloroberzene 1,4-Dichloroberzene n-Butylberzene 1,2-Dichloroberzene	8500	6 UJ 6 UJ 6 UJ
1,2-Dibrono-3-chloropropane 1,2,4-Trichloroberzene Hexachlorobutachiene Naphthalene 1,2,3-Trichloroberzene	3400	in 9 in 9 in 9 in 9

Notes:

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Estimated.

Not detected.

Not detected, estimated reporting limit.

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS TOWN AND COUNTRY CLEANERS D004437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

Gl alample ID	Ambient		828149-GP1-GW1	828149-GP2-GW1	828149-GP2-GW10	828149-GP3-GW1	828149-GP4-GW1
Lab Sample Number	Water		G0125-17A	G0125-20A	G0125-21A	G0125-22A	G0125-29A
Sampling Date	Quality Standard		01-29-08	01-29-08	01-29-08	01-29-08	01-29-08
Dichlorodifluoromethane	SN	Hg/L	5 U	5.0	5 U	5 0	ns
Chloromethane	SS	ng/L	5.0	5 U	5 U	5.0	5 U
Viny! Chloride	2	ng/L	1300	220 J	100	1.}	5 U
Bromomethane	NS	μg/L	5.0	5 U	5 U	5.0	5 U
Chloroethane	ß	ng/L	5 U	5 U	5 U	2.0	n s
Trichlorofluoromethane	SN	48/J.	5 U	5 UJ	5 UJ	5 UJ	5 UJ
1,1-Dichloroethene	S	7/8п	ES.	44	23	50	20
Acetone	9	η/βπ	ង	æ	æ	æ	8]
Iodomethane	SN	1/8n	S U	5 U	5 U	3 0	5.0
Carbon Disulfade	ନ	μg/L	5 U)	5 U	5.0	5 U	5 U
Methylene Chloride	ıc	ng/L	5 U	2.]	1]	5 U	5 U
trans-1,2-Dichloroethene	Ŋ	ng/L	79	ឧ	16	2 U	5 ប
Methyl tert-butyl ether	SN	J/8n	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	ß	μg/ľ	3.3	20	16	5 U	5 U
Vinyl acetate	SN	н 8 /1.	2 U	5 U	5 U	ខេប	5 0
2-Butanone	50	π8/L	œ	≅	œ	œ	M
cis-1,2-Dichloroethene	5	η / Γ	2700	3100 J	2600	9	1.3
2,2-Dichloropropane	SN	μ8/L	5 U	3.0	5 U	2.0	5.0
Bronochloromethane	SN	μg/Γ	2.0	2.0	2.0	2.0	5.0
Chloroform	7	ng/L	2.0	2 U	5 U	5 U	3 U
1,1,1-Trichloroethane	S	T/8n	2 U	61	88	5 U	U &
1,1-Dichloropropene	SS	7/8n	5 U	5 U	5 U	s u	5.0
Carbon Tetrachloride	S	7/8н	5 U	5 U	5.0	5.0	5 U
1,2-Dichloroethane	S	ng/L	5 U	S U	5 U	5.0	5 U
Benzene	0.7	Hg/L	3 U	5 U	5.0	5 U	5 U
Trichloroethene	S	1/8n	77.0	1200 J	780 J	26	1 [
1,2-Dichloropropane	SN	µg/L	5 U	2 U	5 U	3.0	2 U
Dibromomethane	SN	ng/L	5 U	2 U	5 U	5 ប	5 U
Bromodichloromethane	SN	ng/L	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	SN	ng/L	5 U	2 U	5 U	5 U	5 U
4-Methyl-2-pentanone	30	µg/L	5.0	5 U	5.0	ខព	5.0
Toluene	Ŋ	ng/L	1.}	3.]	2.5	5. U	3.0
trans-1,3-Dichloropropene	Ś	ηg/L	5.0	2 U	5 U	3 U	ე <u>6</u>
3,3,2-Trichloroethane	ž	ng/L	5.0	5 U	3 U	2 ∪	າ ເ
1,3-Dichloropropane	ı¢:	μg/I.	5.0	5.0	2 U	ខេច	5 U
Tetrachloroethene	S	ng/L	2900	74000	46000	190	9
2-Hexanone	Š	1/8н	5 U	5 U	5 U	2 С	2.0

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS TOWN AND COUNTRY CLEANERS D004437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

Sample II) Lab Sample Number Sampling Date	Ambient Water Quality Standard		828149-GP1-GW1 G0125-17A 01-29-08	828149-GP2-GW1 G0125-20A 01-29-08	828149-GP2-GW10 G0125-21A 01-29-08	828149-GP3-GW1 G0125-22A 01-29-08	828149-GP4-GWI G0125-29A 01-29-08
:	i.	ŧ	ā	:		I v	D 5
Dibromochloromethane	ਨ :	μg/ L) ; n ;				
1,2-Dibromoethane	SZ (μg/L.) II			0 K
Chlorobenzene	ιń	ng/L) <u>.</u>
1,1,1,2-Tetrachloroethane	Š	ng/L	5 U) i
Ethylbenzene	Ŋ	ηg/L	5 U	5 U	5.0) s
n.p-Xvlene	SN	ng/L	5 U	5 U	5 U	5 U	១១
o-Xvlene	SN	Hg/L	5 U	2 U	2.0	5 U	2.0
Xvlene (Total)	S	μg/L	SU	5 U	n s	5.0	2 C
Styrene	SZ	ng/L	SU	5.0	5 U	5 U	5 U
Bromoform	SZ	Lg/L	5.0	5 U	5 U	5 U	s uj
Isopropylbenzene	SZ	ng/L	5.0	2 }	2]	5 U	2.0
1.1.2.2-Tetrachlorcethane	· K	1/Zn	5 0	9.0	5.0	5.0	5 0
Bromobenzene	SN	ng/L	5 U	s u	2 U	2 U	3.0
1.2.3. Trichloropropane	ιń	J/84	5 U	5 U	5 U	5 U	2 U
n-Propylbenzene	SN	7/8n	5 U	5 U	2 U	5 U	5 U
2-Chloropoluene	SZ	ug/L	5 U	2 U	50	5 U	2 U
1.3.5 Trimethylbenzene	SZ	ug/L	S U	SU	5 U	5 U	2 C
4-Chlorotoluene	SZ	n/K	2.0	5 U	5 U	5.0	5 U
tert-Butylbenzene	SN	ηχ/L	5 U	5 U	5 U	5.0	5 U
1.2.4.Trimethylbenzene	SN	ng/L	3.0	n s	5 U	5 U	5 U
sec-Butylbenzene	NS	ng/L	5 U	3 U	5 U		១១
4-Isopropyltoluene	SN	.1/84	5 U	5 U	5 U	5 U	2 U
1.3-Dichlorobenzene	īV	1/8n	5 U	5 U	5.0	5 U	5 0
1.4-Dichlorobenzene	s	ng/L	5 U	5 U	5 U	5 U	5 D
n-Butylbenzene	SN	µg/L	5 U	5 U	5 U	5 U	3 U
1.2-Dichlorobenzene	4.7	1/8 n	5.0	5 U	2.0	5 U	5 U
1.2-Dibromo-3-chloropropane	SN	ng/L	5 U	S U	5 U	2 U	ខ្ម
1.24-Trichlorobenzene	ιn	ng/L	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	SN	μg/L	5 U	S U	n s	5 U	5 U
Naphthalene	SN	J/8n	5 UJ	5.0	3 5 0	2 UJ	
1,2,3-Trichlorobenzene	SS	ng/L	5 U	5.0	D 6	5 U	S C

TABLE 1B

Sample 1D	Ambient	828149-GP5-GWI	828149-GP6-GW1	828149-GP7-GW1	828149-GP9-GW1	828149-GP10-GW1
Lab Sample Number	Water	G0125-15A	G0125-23A	G0125-01A	G0125-27A	G0125-24A
Sampling Date	Quality Standard	01-29-08	01-30-08	07-30-08	01-30-08	01-30-08
Dichlorodifluoromethane	Š	5.0	2.0	5 U	5 U	5 U
Chloromethane	SN	SU	3.0	5 U	5 0	5 U
Vinyl Chloride	2	3.J	5 U	5 U	5.0	5 U
Bromomethane	SN	S U	5 U	5 U	5 U	5 U
Chloroethane	20	2 U	5 U	5 13	5 0	5.0
Trichlorofluoromethane	SN	2 U	5 UJ	5 U	5 03	5 UJ
1,1-Dichloroethene	S	S U	2 U	2.0	5 U	2.0
Acetone	20	4]	49]	18 J	ĸ	~
lodomethane	SS	2 U	5 U	5 U	5 U	5.0
Carbon Disulfide	ß	5 UJ	5 U	5 U	5 0	5 U
Methylene Chloride	5	5 U	5 U	3.0	5 U	5.0
trans-1,2-Dichloroethene	S	S U	3 U	5 U	9 U	5.0
Methyl tert-butyl ether	SN	S U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	S	5.0	5 U	5 U	5 U	2 U
Vinyl acetate	SN	5.0	2 U	5 U	3.0	5 U
2-Butanone	50	ĸ	×	œί	œ	24
cis-1,2-Dichloroethene	Ŋ	31	5.0	5.0	5 U	5 U
2,2-Dichloropropane	SN	5.0	5 U	2.0	5 U	2 U
Bromochloromethane	SN	s u	5 U	5 U	5 U	S U
Chloroform	7	5 U	2 U	ρς	3 U	2 U
1,1,1-Trichloroethane	Ŋ	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	SN	5 U	5 U	υς	ខប	5 U
Carbon Tetrachloride	5	5 U	5 U	3.0	. 5 U	5 U
1,2-Dichloroethane	S	3.0	5 U	5.0	5.0	5.0
Benzene	2.0	5 U	5 U	2.1	5 U	2.J
Trichloroethene	w	3.J	5 U	5 0	2.0	5 U
1,2-Dichloropropane	Š	2.0	5 U	5 U	5 U	5 U
Dibromomethane	SZ	ខព	5 U	2 0	2 Ω	5 U
Broncodichloromethane	SZ	5 U	2 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	SS	5 U	2.0	5 U	5 0	5 U
4-Methyl-2-pentanone	30	5 U	5 U	5 U	5 U	5.0
Toluene	S	5 U	5 U	ı'n	5.0	3).
trans-1,3-Dichloropropene	ıc	5 U	5 U	5 U	5 U	2.0
1,1,2-Trichloroethane	SS	5 U	១១	5 U	2.0	2 U
1,3-Dichlorepropane	Ŋ	5 U	5 0	2 U	5 U	2 U
Tetrachloroethene	Ŋ	5 U	5.0	. s	5 U	
2-i fexanone	SZ	5 U	n s	5.0	5 U	<u>ي</u> د

TABLE 18

Sample ID Lab Sample Number	Ambient Water	828149-GP5-GW7 G0125-15A	828149-GP6-GW1 G0125-23A	828149-GP7-GW1 G0125-01A	828149-GP9-GW1 G0125-27A	528149-GP10-GW1 G0125-24A
Sampling Date	Quality Standard	01-29-08	01-30-08	01-30-08	01-30-08	01-30-08
Dibromochloromethane	20	D S	5 U	5 0	n s	n s
1,2-Dibromoethane	<u>\$</u>	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	S	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	SZ	5 U	5 U	5 U	3 U	. n s
Ethylbenzene	۲C	5 U	5 U	5.0	5 U	2 U
m,p-Xylene	SZ	5 U	5 U	3.5	5 U	2 J
o-Xylene	SZ	5 U	5.0	1.1	5 U	5 U
Xylene (Total)	r.	5 U	5.0	4]	5 U	2 J
Styrene	SN	5 U	5.0	5 U	3.0	S U
Bromoform	SZ	5 U	5 U	5 U	5 U	5.0
Isopropylbenzene	SN	2 U	2.0	5 U	5.0	2.0
1,1,2,2-Tetrachloroethane	S	S U	ъs	5 U	5.0	5 U
Bromobenzene	SN	5 U	5 U	5 U	5 U	ខ្ម
1,2,3-Trichloropropane	Ŋ	5 U	១១	5 U	5 U	5 U
n-Propylbenzene	SN	5 U	5.0	5.0	5 U	5 U
2-(Thlorotoluene	SN	5 U	2.0	5 U	5 U	5 U
1,3,5-Trimethylbenzene	SN	5 U	5 U	5 U	5.0	ខប
4-Chlorotoluene	SN	5 U	5 U	5 U	5.0	3.0
tert-Butylbenzene	SZ	5 U	2.0	5 U	9.0	5 U
1,2,4-Trimethylbenzene	SN	5 U	2.0	1.3	5 U	5 U
sec-Butylbenzene	SN	5 U	D 6	5 U	5 U	2 U
4-lsopropyitoluene	SN	SU	5 U	3 U	5 U	5 U
1,3-Dichlorobenzene	Ŋ	5 U	5 U	5 U	5.0	5 U
1,4-Dichlorobenzene	Ŋ	5 U	5 U	5 U	5.0	50
n-Butylbenzene	SN	5 U	5 U	0 S	5.0	3.0
1,2-Dichlorobenzene	4.7	5 U	2 U	ns	5.0	2.0
1,2-Dibromo-3-chloropropane	NS	5 U	5 U	2 U	2.0	5.0
1,2,4-Trichlorobenzene	S	5 U	2 U	5 U	5 U	5 U
Hexachlorobutadiene	SN	5 U	5 U	5 U	5 U	2 U
Naphthalene	SN	5 UJ	s uj	2 U	s uj	s uj
1,2,3-Trichlorobenzene	SN	2.0	5 U	SU	5 U	9.0

TABLE 1B

Sample ID	Ambient	828149-GP11-GW1	828149-GP12-GW1	828149-GW1	\$28149-GW2	828149-CW204S-01
Lab Sample Number	Water	G0125-26A	G0125-25A	G0125-18A	G0125-16A	G0125-02A
Sampling Date	Quality Standard	01-30-08	01-30-08	01-28-08	01-28-08	01-29-08
Dichlorodifluoromethane	SN	5 U	s u	5 U	5 0	D s
Chloromethane	SS	5.0	5 U	5 U	D 8	5 U
Vinyl Chloride	2	5.0	5 U	190	5 U	7
Вголюные	SN	5.0	5.0	n s	១៩	s u
Chloroethane	90	5.0	5 U	5 U	5 U	5 U
Trichlorofluoromethane	SN	s uj	5 UJ	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	14	5.0	5 U
Acetone	50	14]	ĸ	ਲ	æ	×
Iodomethane	SZ	SU	5 U	s u	5 U	5 U
Carbon Disulfide	33	5.0	5 U	s uj	5 UJ	5 U
Methylene Chloride	Ŋ	5.0	5 U	5 U	n s	5 U
trans-1,2-Dichloroethene	S	2.0	5 U	4 U	5 U	5 U
Methyl tert-butyl ether	SN	5.0	5 U	5 U	5 U	7
1,1-Dichloroethane	S	5 U	5 U	1 U	SU	5 U
Vinyl acetate	SN	5 U	SU	5 U	2.0	2 U
2-Butanone	S	Z.	R	24	ĸ	24
cis-1,2-Dichloroethene	Ŋ	5 U	5 U	200	ಕ	29
2,2-Dichloropropane	SS	5 U	5 U	5 U	5 U	ទេប
Bromochloromethane	SN	5 U	5 U	5 U	9.0	5 U
Chloroform	7	2 j	5 U	5 U	n s	10
1,1,1-Trichloroethane	Ŋ	2 U	5 U	5 U	5 U	ΩS
1,1-Dichloropropene	SN	5 U	5 U	5.0	5 U	5 U
Carbon Tetrachloride	S	5 U	5 U	5 U	S U	5 U
1,2-Dichloroethane	£	5 U	5 U	5 U	5 U	5.0
Benzene	0.7	5 U	5 U	5 U	5 U	2.3
Trichloroethene	ĸ	5.0	5 U	82 }	3.5	2 j
1,2-Dichloropropane	SS	5 U ·	5 U	su	2.0	5.0
Dibromethane	SN	su	5 0	5 U	5 U	50
Bromodichloromethane	NS	5 U	5 U	5 U	5 U	5.0
cis-1,3-Dichloropropene	SN	5 U	5 U	5.0	5.0	5 U
4-Methyl-2-pentanone	50	2.0	5 0	5.0	5 U	5 U
Toluene	ĸ	១៩	5 U	S U	5 0	2 U
trans-1,3-Dichloropropene	ro	2 U	5 U	5 U	5 U	n s
1,1,2-Trichloroethane	NS	n s	5 U	5 U	5 U	5 U
1,3-Dichleropropane	ıo	5 U	5 U	5 U	5 U	5.0
Tetrachloroethene	ıo	5 U	50	19 U	320 U	37
2-l-fexanone	SN	5 U		5 U	0.5	s u

TABLE 1B

ANALYTICAL RESULTS SUMMARY - AQUEOUS
TOWN AND COUNTRY CLEANERS D004437-18
AQUEOUS, NON-AQUEOUS AND AIR MONITORING
JANUARY 2008

Sanple ID Lab Sample Number Sampling Date	Ambieut Water Quality Standard	928149-GP11-GW1 G0125-26A 01-30-08	828149- CP12-CW1 G0125-25A 01-30-08	828149-CW7 G0125-18A U1-28-08	828149-GW2 G0125-16A 01-28-08	828149-GW704S-01 G0125-02A 01-29-08
Dibromochloromethane	જ	5 U	5 U	5 U	υĉ	១១
1.2-Dibromoethane	NS	5 U	S U	នប	5 U	2 U
Chlorobenzene	ιņ	5 U	5 U	5 U	3 ប	5 U
1.1.1.2-Tetrachloroethane	SN	SU	υs	5 U	5 U	2 U
Ethylbenzene	Ŋ	5.0	s U	5 U	5 U	5 U
m.p-Xvlene	SN	5.0	5 U	5 U	3.0	5 U
o-Xvlene	NS	5.0	5 U	5 U	5 0	5 U
Xylene (Total)	ເດ	5 U	5 U	5 U	5 U	2 U
Skyrene	SN	5 U	2 U	5 U	J 52	3 U
Bromoform	SN	5.0	5 U	5 U	ы	s u
Isopropylbenzene	SN	5.0	5 U	5 U	su	5 U
1.1.2.2-Tetrachloroethane	'n	2 U	5 0	5 U	5 U	5.0
Bromobenzene	SN	5.0	su	5 U	5 U	5 U
1,2,3-Trichloropropane	S	5.0	5 U	SU	S U	១៩
n-Propytbenzene	SN	5 U	5 U	5 U	υs	5 U
2-Chlorotoluene	SN	5 U	5 U	5 U	D s	2 U
1,3,5-Tranethylbenzene	SN	5 U	SU	5.0	5 0	3 U
4-Chlorotoluene	NS	5 U	១៩	5.0		3.0
tert-Butylbenzene	SN	5.0	2 0	5 U	5 0	n s
1,2.4-Trimethylbenzene	NS	SU	5 U	5 U	5 U	5 U
sec-Butylbenzene	NS	5 U	5 U	2.0		១១
4-Isopropylkoluene	SZ	5 U	5 U	5 0	១១	ទួប
1,3-Dichlorobenzene	ភេ	5 U	5 U	5 U		5.0
1,4-Dichlorobenzene	ıc	5 U	5 U	3 U		5 U
n-Butvibenzene	SN:	5 U	SU	3 U	5 U	2.0
1,2-Dichlorobenzene	4.7	5 U	5 U	5 U	ns	n s
1,2-Dibromo-3-chloropropane	SN	5 U	5 U	5.0		D S
1,2,4-Trichlorobenzene	īŪ	5 U	50	5 🖰	ខេប	9.0
Hexachlorobutadiene	SZ	2 U	5 U	5 U	5 U	2.0
Naphthalene	NS	5 U)	5 ပျှ	5 UJ		
1,2,3-Trichlorobenzenc	SZ	5 ນ	១១	5 U	3 U	2 C

Sample ID Lab Sample Number	Ambient Water	828149-CW2055-01 G0125-19A	TRIP BLANK G0125-28A
Sampling Date	Quality Standard	01-29-08	01-30-08
Dichlorodifluoromethane	SN	5 U	5 U
Chloromethane	SN	5 U	5.0
Vinyl Chloride	. 2	5 ប	5 U
Bromomethane	SN	5 U	5 U
Chloroethane	50	5 U	5.0
Trichlorofluoromethane	SN	5 UJ	s UJ
1,1-Dichloroethene	ĸ	5 U	×
Acetone	20	œ	œ
Iodomethane	SN	5 U	5 U
Carbon Disulfide	20	5 U	5 U
Methylene Chloride	ĸ	5.0	S U
trans-1,2-Dichloroethene	មា	5 U	5 U
Methyl tert-butyl ether	SN	5.0	2.0
1,1-Dichloroethane	Ŋ	2.0	5 U
Vinyl acetate	SN	5 U	2 0
2-Butanone	20	×	5 U
cis-1,2-Dichloroethene	ι'n	2 J	5 U
2,2-Dichloropropane	SN	s u	5 U
Bromochloromethane	NS	s u	s u
Chloroform	7	2 U	2 U
1,1,1-Trichloroethane	w	5 U	5 U
1,1-Dichloropropene	NS	5 U	55 CL
Carbon Tetrachloride	ιΩ	5 U	5 U
1,2-Dichloroethane	ľ	2 U	3.0
Вепzепе	0.7	5 U	2.0
Trichloroethene	ιń	S U	2.0
1,2-Dichloropropane	SN	5 U	5 U
Dibromoethane	SN	5 U	2 U
Bromodichloromethane	SN	5 U	5 U
cis-1,3-Dichloropropene	SN	5 U	S U
4-Methyl-2-pentanone	<u> </u>	5 U	2.0
Toluene	Ŋ	5 U	5 U
trans-1,3-Dichloropropene	ιń	5 U	2 ∪
1,1,2-Trichloroethane	SN	5 U	2.0
1,3-Dichloropropane	ın	3.0	2 ()
Tetrachloroethene	ıŋ	2 ∪	5 U
2-Hexanone	SS	S U	5.0

Sample ID Lab Sample Number Sampling Date	Ambient Water Quality Standard	828149-GW205S-01 G0125-19A 61-29-08	TRIP BLANK G0125-28A 01-30-08
Dibromochloromethane	20	5 U	s u
1,2-Dibromoethane	SN	5 U	5.0
Chlorobenzene	5	5 U	5 U
1,1,1,2-Tetrachloroethane	SN	ខេប	5 U
Ethylbenzene	5	5 U	5 U
m.p-Xylene	SN	5 U	5 U
o-Xylene	SN	5.0	5 U
Xylene (Total)	ß	SU	su
Styrene	SN	5 U	5 U
Вготоботт	SN	5 U	5 U
Isopropylbenzene	SN	5 U	5 U
1,1,2,2-Tetrachloroethane	Ŋ	5 U	5 U
Bromobenzene	SN	5 U	5 U
1,2,3-Trichloropropane	5	5.0	5 U
n-Propylbenzene	SN	2.0	5 U
2-Chlorotoluene	SN	2.0	5 U
1,3,5-Trimethylbenzene	SN	5 U	5 U
4-Chlorotoluene	SN	5 U	5 U
tert-Butylbenzene	SN	5 U	5 U
1,2,4-Trimethylbenzene	NS	5 U	2 U
sec-Butylbenzene	NS	5 0	5 U
4-Isopropyltoluene	NS	5 U	5 U
1,3-Dichlorobenzene	ഗ	s u	s U
1,4-Dichlorobenzene	ĸ	5 U	5 U
n-Butylbenzene	SN	5 U	2 C
1,2-Dichlorobenzene	4.7	5 U	5 U
1,2-Dibromo-3-chloropropane	SS	5 U	2 0
1,2,4-Trichlorobenzene	5	2 U	5 U
Hexachlorobutadiene	SZ	5.0	5 U
Naphthalene	SN	5 U	5 U
1,2,3-Trichlorobenzene	ŠŠ	5.0	s U

Notes

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Estimated.
Rejected.
Not detected.
Not detected.
Not detected, estimated reporting limit.

TABLE 1C

ANALYTICAL RESULTS SUMMARY - AIR TOWN AND COUNTRY CLEANERS D604437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

	Sample ID	Sample ID 828149-GP11-SVI 1/30/08	\$28149-GP1-SVI 1/29/08	828149-GP3-SVI 1/29/08	828149-GP4-SVI 1/29/08	828149-GP5-SVI 1/29/08	828149-GP6-SVI 1/30/08	828149-GP6-SVIOD 1/30/08	828149-GP8-SVI 1/30/08
TOIS	Units								
1,1,1-Trichloroethane	Em/gu	0.832 U	1.22 J	0.832 U	0.832 U				
1,1,2,2-Tetrachloroethane	µg/ш3	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
1,1,2-Trichloroethane	Fm/SH	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U	0.832 U
1,1-Dichloroethane	Em/gu	0.617 U	30.4	0.617 U	0.617 U	U 219.0	0.617 U	0.617 U	0.617 U
1,1-Dichloroethene	£ш/8п	0.605 U	929	0.605 U	0.605 U				
1,2,4-Trichlorobenzene	£ш/8п	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U	1.13 U
1,2,4-Trimethylbenzene	Em/gu	0.700 J	1.45 J	1.45 J	1.05 J	1.40]	0.749 U	0.749 U	0.749}
1,2-Dibromoethane	hg/m3	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U	1.17 U
1,2-Dichlorobenzene	£ш/8н	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0,917 U	0.917 U	U 216.0
1,2-Dichloroethane	Em/8n	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U	0.617 U
1,2-Dichloropropane	mg/m3	0.705 U	0.705 U	0.705 U	0.705 ປ	0.705 U	0.705 U	0.705 U	0.705 U
1,3,5-Trimethylbenzene	Em/gr	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U
1,3-butadiene	hg/m3	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U	0.337 U
1,3-Dichlorobenzene	Em/gu	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dichlorobenzene	cm/gu	0.917 U	0.917 U	0.917 U	U.917 U	0.917 U	0.917 U	0.917 U	0.917 U
1,4-Dioxane	ру/m3	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U	1.10 U
2,2,4-trimethylpentane	Em/gu	0.712 U	4.27]	0.807 J	0.712]	0.665 J	0.712 U	0.712 U	0.712 U
4-ethyltoluene	µg/m3	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U	0.750 U
Acetone	µg/m3	10.9	43.5	24.9]	31.6	26.8]	13.0	12.6	8.21
Allyl chloride	$\mu g/m^3$	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U	0.477 U
Benzene	£m/grt	0.487 U	9.09]	2.99]	2.37 J	3.86 J	0.649 J	0.779 J	0.487 U
Benzyl chloride	μg/m3	0.877 UJ	0.877 U	0.877 U	0.877 U	0.877 U	0.877 UJ	0.877 UJ	0.877 UJ
Bromodichloromethane	hg/m3	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U	1.02 U
Вготоботт	μg/m3	1.58 UJ	1.58 U	1.58 U	1.58 U	1.58 U	1.58 UJ	1.58 UJ	1.58 UJ
Bromomethane	Em/gn	0.592 U	0.592 U	0.592 U	0,592 U	0.592 U	0.592 U	0.592 U	0.592 U
Carbon disulfide	Em/gu	1.20	42.4	2.75 J	3.73	8.55 J	1.08 J	1.90	0.475
Carbon tetrachloride	рв/т3	0.256 U	0.256 J	0.320 J	0.256]	0.256 J	0.256 U	0.256 U	0.256 U
Chlorobenzene	Em/gu	0.702 U	0.702 U	0.702 U	0.655)	0.702 U	0.702 U	0.702 U	0.702 U
Chloroethane	£т./Вн	0.402 U	4.48]	0.402 U	0.402 U				
Chloroform	8,m/8m	0.744 U	1.09 J	0.943]	0.744 U	1.14	0.744 U	0.744 U	0,744 U
Chloromethane	mg/m3	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U	0.315 U
cis-1,2-Dichloroethene	mg/m3	0.604 U	2840	0.604 U	0.604 U	0.604 U	1.45 J	0.766	0.604 U
cis-1,3-Dichloropropene	tm/gu	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Cyclohexane	Em/gu	3.81	16.8 J	3.85 }	23.4	10.8 J	1.71]	2.17]	0.525 U
Dibromochloromethane	fm/gn	1,30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U
Ethyl acetate	Em/gu	2.20	195	46.5 J	1.50	47.6]	6.26]	2.60	0.879]
Ethylbenzene	Hg/m3	1.32 J	1.10]	1.63 J	0.839]	1.06 J	0.662 U	0.927 J	1.19 J
Freon 11	११४/४४३	0.857	3.94 J	6.00 }	1.09	6.11	0.685 J	1.20	0.685]
Freon 113	£m/84	1,17 U	U.71.1	1.17 U	1.17 U	1.17 U	1.17 U	U 7 L I	1.17 U

ANALYTICAL RESULTS SUMMARY - AIR TOWN AND COUNTRY CLEANERS D004437-18 AQUEOUS, NON-AQUEOUS AND AIR MONITORING JANUARY 2008

	Sample ID	Sample ID 828149-GP11-SV1 1/30/08	828149-GP1-SVI 1/29/08	828149-GP3-SVI 1/29/08	828149-GP4-SVI 1/29/08	828149-GP5-SVI 1/29/08	828149-GP6-SVI 1/30/08	828149-CP6-SVIOD 1/30/08	828149-GP8-SVI 1/30/08
TOIS	Units								
Freon 114	ug/m3	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Freen 12	m/gn		0.754 J	0.754 U	0.754 U	1.41	1.01 J	1.16	1.31
Heptane	m3/m3	0	5.50]	4.96 J	3.12 J	6.33 J	0.625 U	0.458]	0.625 U
Hexachloro-1,3-butadiene	m/Zn	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
Hexane	ng/m3	0.537 U	9.99	8.96 J	51.9	19.0]	0.824]	1.86	0.537 U
[sopropy! alcoho]	μg/m3	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
m&p-Xylene	ng/m3	4.50]	3,44]	5.65 J	2.12 J	3.27.]	0.441]	2.30 J	3.80 J
Methyl Butyl Ketone	m2/m3	1,25 U	1.25 U	1.25 U	1.25 U	1.25 U	1,25 U	1.25 U	1.25 U
Methyl Ethyl Ketone	ng/m3	6.001	0.899 U	Ω 668.0	U 668'0	U 668:0	0.630]	2.52	3.63
Methyl Isobutyl Ketone	ug/m3	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U
Methyl tert-butyl ether	mg/m3	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U	0.550 U
Methylene chloride	μg/m3	1.52	2.12 J	0.847]	0.600	0.459]	0.388 J	90'2'0	0.494]
o-Xylene	ng/m3	1.68 [1.06 J	1.94]	0.706 J	1.10]	0.662 U	0.750 J	1.32 J
Propylene	ng/m3	0,262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
Styrene	m3/m3	4.33 }	4.59]	4.85]	1.39 J	4.33]	0.649 U	126)	2,99 J
Tetrachloroethylene	ug/m3	1.03]	9.24 J	10.3]	1.59 J	1.65]	15.2	1.79 J	1.24 J
Tetrahydrofuran	Em/gn	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U	0.450 U
Toluene	mZ/m3	96.5	13.8	6.51 }	16.1	4.98]	2.45 J	8.81	23.4
trans-1,2-Dichloroethene	ug/m3	0.604 U	145	0.604 U	0.604 U				
trans-1,3-Dichloropropene	пс/m3	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Trichloroethene	m2/m3	0.218 U	395	0.437 J	0.218 J	0.328 J	2.73 J	0.710 J	0.218
Vinyl acetate	ug/m3	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U	0.537 U
Vinyl Bromide	m3	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	0.667 U	O.667 U
Vinyl chloride	hg/m3	0.234	20600	0.104 U	0.104 U	0.831	0.104 U	0.104 U	0.104 U

Notes:) U

Estimated.

Not detected.

Not detected, estimated reporting limit.