

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA EMAIL AND MAIL

September 14, 2009

Ms. GERALYNN Rosser
Suffolk County Department of Health Services
15 Horseblock Place
Farmingville, NY 11738

Re: **Soil Vapor Sampling Results**
1735 Express Drive North, Hauppauge, New York
FPM File No. 894-06-01

Dear GERALYNN:

FPM Group (FPM) has performed soil vapor sampling at the above-referenced facility in accordance with your request on behalf of the New York State Department of Health (NYSDOH). This report documents the soil vapor sampling procedures, laboratory results, and our recommendations. The facility layout and pertinent features are shown on the attached Figure 1.

Site Summary

Leaching pool LP-4 was remediated in July 2006 and November 2007, and properly abandoned in November 2007 in accordance with Suffolk County Department of Health (SCDHS) requirements, as documented in our January 28, 2009 letter. As required, monitoring well MW-1 was subsequently installed to evaluate groundwater downgradient of the former LP-4 location. Total VOC concentrations in well MW-1 steadily declined over four monitoring events, and were significantly reduced over the approximately one year monitoring period, as detailed in our March 25, 2009 report. VOC concentrations in well MW-1 are anticipated to continue to decline and no further monitoring was recommended.

The SCDHS responded on June 3, 2009 indicating that the NYSDOH was concerned about potential soil vapor intrusion and had requested sampling on the facility or on the property to the west. FPM proposed to collect a soil vapor sample on the western boundary of the facility, immediately west of the former LP-4 location. The results would be evaluated to determine if additional soil vapor sampling was warranted on the residential property to the west of the facility. Figure 2 shows an aerial map of the facility and the adjacent property to the west, together with the locations of former leaching pool LP-4 and soil vapor sample SV-1.

Soil Vapor Sampling Procedures and Results

Soil vapor was sampled beneath the asphalt surface at SV-1, which is approximately ten feet west of the former LP-4 location. Sampling was performed using a soil vapor implant in accordance with the procedures in the October 2006 NYSDOH Guidance for Evaluating Soil Vapor Intrusion in New York State. The asphalt surface was penetrated and the implant installed on June 23, 2009 using a stainless-steel hand auger. The implant's stainless steel screen was attached to polyethylene tubing and inserted into the boring; the bottom of the screen was set at 4.5 feet below grade. The annulus around the screen was filled with glass beads from the bottom of the boring to one foot above the screen. The remainder of the annulus was filled with bentonite up to the surface.

The polyethylene tubing was routed through an enclosure sealed to the asphalt surface with bentonite. The enclosure was filled with helium gas and the presence of helium in the enclosure was confirmed using a helium meter. Prior to sampling, the soil gas in the polyethylene tubing was purged and monitored with a helium detector to ensure that surface air in the enclosure around the implant was not being drawn into the sample; no helium was detected during this test. Sufficient air was purged through the polyethylene tubing so as to ensure that a sample of soil vapor from the targeted depth was obtained.

Following purging, a soil vapor sample was directed into a Summa canister equipped with a one-hour flow controller. The filled canister was sealed, labeled, and transported to Centek Laboratories, LLC. (Centek) of Syracuse, New York, a NYSDOH-certified lab, to be analyzed for volatile organic compounds (VOCs) using the TO-15 method.

The sample data summary package provided by Centek is attached and the soil vapor sample results are summarized in Table 1. In general, the majority of detected VOCs were noted to be at relatively low concentrations. However, several chlorinated VOCs were detected at elevated concentrations.

Conclusions and Recommendations

Chlorinated solvents were found in both the soil samples collected from leaching pool LP-4 prior to remediation and in the groundwater samples collected from well MW-1. Therefore, the chlorinated VOCs appear to be related to former impacts within LP-4.

As previously noted, the source material was largely removed during the remediation and abandonment of LP-4, which is reflected in the subsequent improvement of groundwater quality in MW-1. Therefore, it appears that the chlorinated solvents detected in the soil vapor represent remnant vapors that are trapped beneath the asphalt surface in the immediate vicinity of former leaching pool LP-4.

As shown on Figure 2, there is an extensive unpaved vegetated area between the SV-1 location and the adjoining residence to the west. In addition, the distance between SV-1 and the adjoining residence is approximately 200 feet. Therefore, it is likely that VOC concentrations in soil vapor decrease significantly in the direction of the residence.

We recommend that an additional soil vapor sample be collected from the residential property at the approximate location (SV-2) shown in Figure 2 to evaluate whether there is the potential for soil vapors to affect the residence. Sampling will be performed using a soil vapor implant and the same procedures as during the SV-1 sampling. The proposed sampling will require access from the

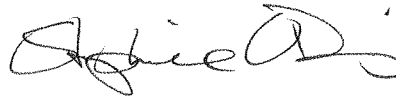
residential property owner. FPM will contact the SCDHS at least five days in advance of the sampling to coordinate oversight.

Please confirm whether the proposed additional sampling is acceptable. Should you have any questions, please do not hesitate to call us at 737-6200.

Sincerely,



John S. Bukoski
Hydrogeologist



Stephanie Davis
Senior Hydrogeologist
Department Manager

JSB/SOD:tac
Attachments

cc: James Maggio

S:\Maggio\SoilVaporReport.Doc

TABLE 1
SOIL VAPOR ANALYTICAL DATA
1735 EXPRESS DRIVE NORTH, HAUPPAUGE, NEW YORK

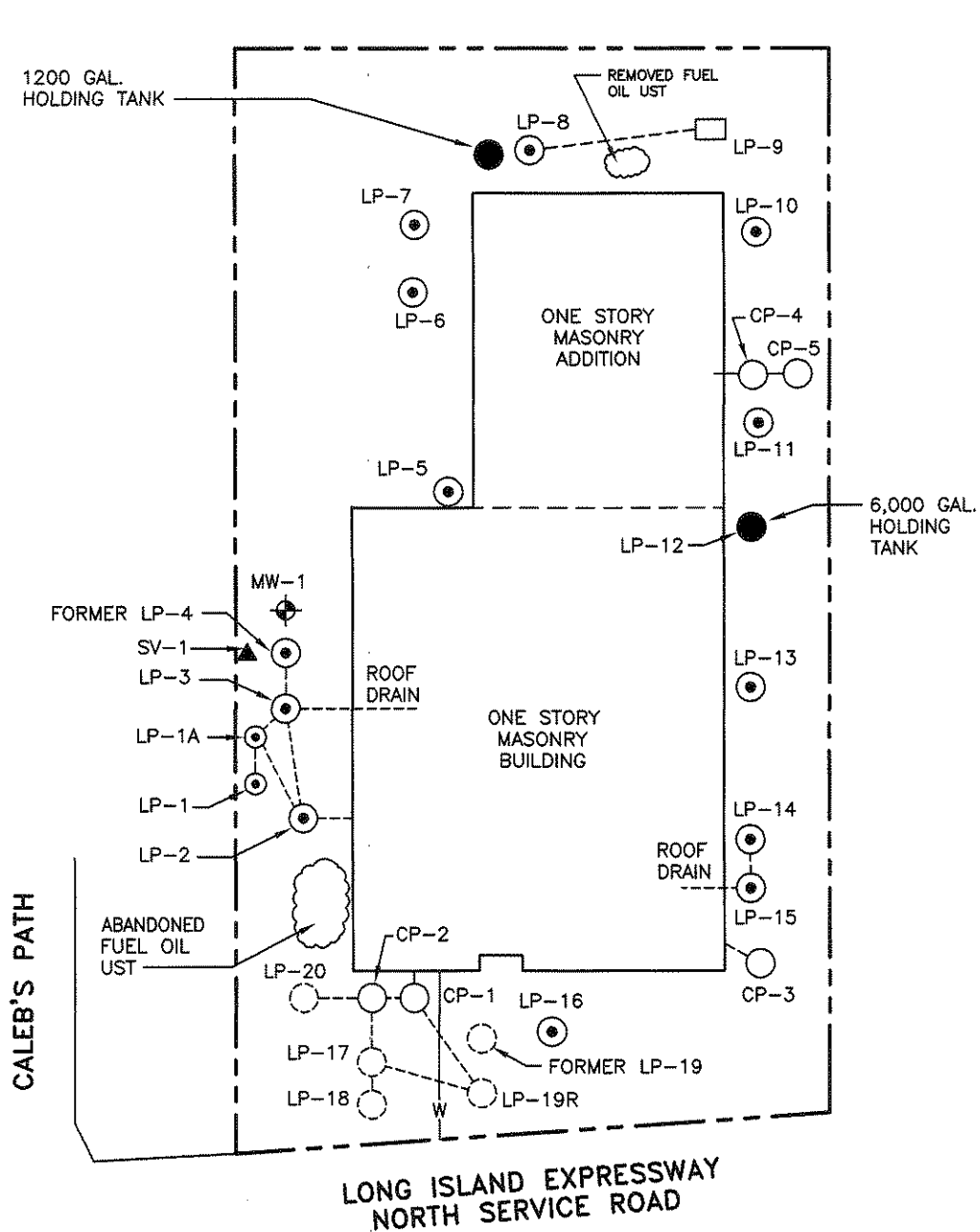
Sample Name	SV-1
Sample Date	June 23, 2009
Volatile Organic Compounds (ug/m³)	
Chloromethane	0.38
Carbon tetrachloride	560
Chloroethane	1.3
Acetone	88
Isopropyl alcohol	30
Carbon Disulfide	0.54
Methylene chloride	0.74
Methyl Ethyl Ketone	31
1,1-Dichloroethene	25
cis-1,2-Dichloroethene	2,300
trans-1,2-Dichloroethene	280
1,1-Dichloroethane	170
4-ethyltoluene	1.3
Chloroform	190
1,1,1-Trichloroethane	14,000
Benzene	8.1
Trichloroethene	26,000
Toluene	100
Styrene	2.1
Tetrachloroethylene	6,400
Tetrahydrofuran	6.1
Ethylbenzene	2.1
m,p-Xylene	5.1
o-Xylene	2.3
1,3,5-Trimethylbenzene	2.1
1,2,4-Trimethylbenzene	4.1
Freon 11	21
Freon 113	16
Freon 12	1.8

Notes:

Only detected analytes are summarized herein. See lab report for the complete data.

ug/m³ = micrograms per cubic meter

FPM



LEGEND:

- ⊕ = GROUNDWATER MONITORING WELL
- = CESSPOOL/SEPTIC TANK
- = SANITARY WASTE LEACHING POOL
- ⊙ = STORMWATER LEACHING POOL
- = SOLID-BOTTOM CATCH BASIN
- = FORMER USTs
- W— = WATER SERVICE CONNECTION
- ▲ = SOIL VAPOR SAMPLING LOCATION

NOT TO SCALE

FPM GROUP

**FIGURE 1
SITE PLAN**

**1735 EXPRESSWAY DRIVE NORTH
HAUPPAUGE, NEW YORK**

Drawn By: H.C. | Checked By: J.B. | Date: 7/30/09

FIGURE 2
AERIAL MAP



CENTEK LABORATORIES, LLC

148 Midler Park Drive * Syracuse, NY 13206

Phone (315) 431-9730 * Fax (315) 431-9731 * Emergency 24/7 (315) 416-2751

NELAC Certificate No. 11830



www.CentekLabs.com

Wednesday, July 01, 2009

John Bukoski
FPM Group
909 Marconi Avenue
Ronkonkoma, NY 11779

TEL: (631) 737-6200

FAX

RE: 1735 Express Drive

Dear John Bukoski:

Order No.: C0906044

Centek Laboratories, LLC received 1 sample(s) on 6/25/2009 for the analyses presented in the following report.

Analytical results relate to samples as received at laboratory. We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services.

Centek Laboratories is distinctively qualified to meet your needs for precise and timely volatile organic compound analysis. We perform all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service.

Please contact your client service representative, Michael Palmer at (315) 431-9730, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

Michael Palmer

Director of Client Services

Centek Laboratories, LLC

Date: 02-Jul-09

CLIENT: FPM Group
Project: 1735 Express Drive
Lab Order: C0906044

CASE NARRATIVE

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.

Centek Laboratories, LLC

Date: 01-Jul-09

CLIENT: FPM Group
 Lab Order: C0906044
 Project: 1735 Express Drive
 Lab ID: C0906044-001A

Client Sample ID: SV-1
 Tag Number: 162,445
 Collection Date: 6/23/2009
 Matrix: AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	14000	2100		ug/m3	2560	6/26/2009 7:57:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	6/26/2009 5:36:00 AM
1,1,2-Trichloroethane	< 0.83	0.83		ug/m3	1	6/26/2009 5:36:00 AM
1,1-Dichloroethane	170	25		ug/m3	40	6/26/2009 6:46:00 AM
1,1-Dichloroethene	25	6.0		ug/m3	10	6/26/2009 6:11:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	6/26/2009 5:36:00 AM
1,2,4-Trimethylbenzene	4.1	0.75		ug/m3	1	6/26/2009 5:36:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	6/26/2009 5:36:00 AM
1,2-Dichlorobenzene	< 0.92	0.92		ug/m3	1	6/26/2009 5:36:00 AM
1,2-Dichloroethane	< 0.62	0.62		ug/m3	1	6/26/2009 5:36:00 AM
1,2-Dichloropropane	< 0.70	0.70		ug/m3	1	6/26/2009 5:36:00 AM
1,3,5-Trimethylbenzene	2.1	0.75		ug/m3	1	6/26/2009 5:36:00 AM
1,3-butadiene	< 0.34	0.34		ug/m3	1	6/26/2009 5:36:00 AM
1,3-Dichlorobenzene	< 0.92	0.92		ug/m3	1	6/26/2009 5:36:00 AM
1,4-Dichlorobenzene	< 0.92	0.92		ug/m3	1	6/26/2009 5:36:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	6/26/2009 5:36:00 AM
2,2,4-trimethylpentane	< 0.71	0.71		ug/m3	1	6/26/2009 5:36:00 AM
4-ethyltoluene	1.3	0.75		ug/m3	1	6/26/2009 5:36:00 AM
Acetone	88	29		ug/m3	40	6/26/2009 6:46:00 AM
Allyl chloride	< 0.48	0.48		ug/m3	1	6/26/2009 5:36:00 AM
Benzene	8.1	4.9		ug/m3	10	6/26/2009 6:11:00 AM
Benzyl chloride	< 0.88	0.88		ug/m3	1	6/26/2009 5:36:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	6/26/2009 5:36:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	6/26/2009 5:36:00 AM
Bromomethane	< 0.59	0.59		ug/m3	1	6/26/2009 5:36:00 AM
Carbon disulfide	0.54	0.47		ug/m3	1	6/26/2009 5:36:00 AM
Carbon tetrachloride	560	490		ug/m3	512	6/26/2009 8:33:00 PM
Chlorobenzene	< 0.70	0.70		ug/m3	1	6/26/2009 5:36:00 AM
Chloroethane	1.3	0.40		ug/m3	1	6/26/2009 5:36:00 AM
Chloroform	190	30		ug/m3	40	6/26/2009 6:46:00 AM
Chloromethane	0.38	0.31		ug/m3	1	6/26/2009 5:36:00 AM
cis-1,2-Dichloroethene	2300	310		ug/m3	512	6/26/2009 8:33:00 PM
cis-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	6/26/2009 5:36:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	6/26/2009 5:36:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	6/26/2009 5:36:00 AM
Ethyl acetate	< 0.92	0.92		ug/m3	1	6/26/2009 5:36:00 AM
Ethylbenzene	2.1	0.66		ug/m3	1	6/26/2009 5:36:00 AM
Freon 11	21	8.6		ug/m3	10	6/26/2009 6:11:00 AM
Freon 113	16	1.2		ug/m3	1	6/26/2009 5:36:00 AM
Freon 114	< 1.1	1.1		ug/m3	1	6/26/2009 5:36:00 AM

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
 ** Reporting Limit

E Value above quantitation range
 J Analyte detected at or below quantitation limits
 ND Not Detected at the Reporting Limit
 . Results reported are not blank corrected

Centek Laboratories, LLC

Date: 01-Jul-09

CLIENT:	FPM Group	Client Sample ID:	SV-1
Lab Order:	C0906044	Tag Number:	162, 445
Project:	1735 Express Drive	Collection Date:	6/23/2009
Lab ID:	C0906044-001A	Matrix:	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15				TO-15		Analyst: LL
Freon 12	1.8	0.75		ug/m3	1	6/26/2009 5:36:00 AM
Heptane	< 0.62	0.62		ug/m3	1	6/26/2009 5:36:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	6/26/2009 5:36:00 AM
Hexane	< 0.54	0.54		ug/m3	1	6/26/2009 5:36:00 AM
Isopropyl alcohol	30	3.7		ug/m3	10	6/26/2009 6:11:00 AM
m&p-Xylene	5.1	1.3		ug/m3	1	6/26/2009 5:36:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	6/26/2009 5:36:00 AM
Methyl Ethyl Ketone	31	9.0		ug/m3	10	6/26/2009 6:11:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	6/26/2009 5:36:00 AM
Methyl tert-butyl ether	< 0.55	0.55		ug/m3	1	6/26/2009 5:36:00 AM
Methylene chloride	0.74	0.53		ug/m3	1	6/26/2009 5:36:00 AM
o-Xylene	2.3	0.66		ug/m3	1	6/26/2009 5:36:00 AM
Propylene	< 0.26	0.26		ug/m3	1	6/26/2009 5:36:00 AM
Styrene	2.1	0.65		ug/m3	1	6/26/2009 5:36:00 AM
Tetrachloroethylene	6400	2600		ug/m3	2560	6/26/2009 7:57:00 PM
Tetrahydrofuran	6.1	0.45		ug/m3	1	6/26/2009 5:36:00 AM
Toluene	100	23		ug/m3	40	6/26/2009 6:46:00 AM
trans-1,2-Dichloroethene	280	24		ug/m3	40	6/26/2009 6:46:00 AM
trans-1,3-Dichloropropene	< 0.69	0.69		ug/m3	1	6/26/2009 5:36:00 AM
Trichloroethene	26000	2100		ug/m3	2560	6/26/2009 7:57:00 PM
Vinyl acetate	< 0.54	0.54		ug/m3	1	6/26/2009 5:36:00 AM
Vinyl Bromide	< 0.67	0.67		ug/m3	1	6/26/2009 5:36:00 AM
Vinyl chloride	< 0.39	0.39		ug/m3	1	6/26/2009 5:36:00 AM

NOTES:

* Based on the chromatographic evidence, it appears that the contamination is from interfering compounds.
Surrogate reported in original analysis and dilutions.

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte; Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		Results reported are not blank corrected
	**	Reporting Limit		

Centek Laboratories, LLC

Date: 07-Aug-09

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group

Work Order: C0906044

Project: 1735 Express Drive

TestCode: 1ugM3_TO15

Sample ID: MB1UT-062509		Samp Type: MBLK		TestCode: 1ugM3_TO15		Units: ppbV		Prep Date:		RunNo: 2601	
Client ID: ZZZZZ		Batch ID: R2601		TestNo: TO-15				Analysis Date: 6/25/2009		SeqNo: 32865	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.15	0.15									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									

Qualifiers:	Results reported are not blank corrected		E		Value above quantitation range		H		Holding times for preparation or analysis exceeded	
	J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	R	RPD outside accepted recovery limits		
S		Spike Recovery outside accepted recovery limits								

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group
 Work Order: C0906044
 Project: 1735 Express Drive

TestCode: 1ugM3_TO15

Sample ID: MB1UT-062509	SampType: MBLK	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 2601						
Client ID: ZZZZZ	Batch ID: R2601	TestNo: TO-15		Analysis Date: 6/25/2009	SeqNo: 32865						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.15	0.15									

Qualifiers:	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group

Work Order: C0906044

Project: 1735 Express Drive

TestCode: 1ugM3_TO15

Sample ID: MB1UT-062509	SampType: MBLK	TestCode: 1ugM3_TO15	Units: ppbv	Prep Date:	RunNo: 2601						
Client ID: ZZZZZ	Batch ID: R2601	TestNo: TO-15		Analysis Date: 6/25/2009	SeqNo: 32865						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.15	0.15									
Surr: Bromofluorobenzene	0.9100	0	1	0	91.0	70	130				

Sample ID: MB1UT-062609	Samp Type: MBLK	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 2602						
Client ID: ZZZZZ	Batch ID: R2602	TestNo: TO-15		Analysis Date: 6/26/2009	SeqNo: 32871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									

Qualifiers:	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group
Work Order: C0906044
Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: MB1UT-062609		SampType: MBLK		TestCode: 1ugM3_TO15		Units: ppbV		Prep Date:		RunNo: 2602			
Client ID: ZZZZZ		Batch ID: R2602		TestNo: TO-15				Analysis Date: 6/26/2009		SeqNo: 32871			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride		< 0.15		0.15									
Bromodichloromethane		< 0.15		0.15									
Bromoform		< 0.15		0.15									
Bromomethane		< 0.15		0.15									
Carbon disulfide		< 0.15		0.15									
Carbon tetrachloride		< 0.15		0.15									
Chlorobenzene		< 0.15		0.15									
Chloroethane		< 0.15		0.15									
Chloroform		< 0.15		0.15									
Chloromethane		< 0.15		0.15									
cis-1,2-Dichloroethene		< 0.15		0.15									
cis-1,3-Dichloropropene		< 0.15		0.15									
Cyclohexane		< 0.15		0.15									
Dibromochloromethane		< 0.15		0.15									
Ethyl acetate		< 0.25		0.25									
Ethylbenzene		< 0.15		0.15									
Freon 11		< 0.15		0.15									
Freon 113		< 0.15		0.15									
Freon 114		< 0.15		0.15									
Freon 12		< 0.15		0.15									
Heptane		< 0.15		0.15									
Hexachloro-1,3-butadiene		< 0.15		0.15									
Hexane		< 0.15		0.15									
Isopropyl alcohol		< 0.15		0.15									
m&p-Xylene		< 0.30		0.30									
Methyl Butyl Ketone		< 0.30		0.30									
Methyl Ethyl Ketone		< 0.30		0.30									
Methyl Isobutyl Ketone		< 0.30		0.30									
Methyl tert-butyl ether		< 0.15		0.15									
Methylene chloride		< 0.15		0.15									
o-Xylene		< 0.15		0.15									

Qualifiers:

J	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
S	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group
Work Order: C0906044
Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: MB1UT-062609	SampType: MBLK	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 2602						
Client ID: ZZZZZ	Batch ID: R2602	TestNo: TO-15		Analysis Date: 6/26/2009	SeqNo: 32871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.15	0.15									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.15	0.15									
Surr: Bromofluorobenzene	0.8700	0	1	0	0	87.0	70	130			

Sample ID: LCS1UT-062509	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbv	Prep Date:	RunNo: 2601						
Client ID: ZZZZZ	Batch ID: R2601	TestNo: TO-15		Analysis Date: 6/25/2009	SeqNo: 32866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	0.8300	0.15	1	0	83.0	70	130				
1,1,2,2-Tetrachloroethane	0.8200	0.15	1	0	82.0	70	130				
1,1,2-Trichloroethane	0.7200	0.15	1	0	72.0	70	130				
1,1-Dichloroethane	0.7300	0.15	1	0	73.0	70	130				
1,1-Dichloroethene	0.7400	0.15	1	0	74.0	70	130				
1,2,4-Trichlorobenzene	2.150	0.15	1	0	215	70	130				S
1,2,4-Trimethylbenzene	0.9100	0.15	1	0	91.0	70	130				
1,2-Dibromoethane	0.7900	0.15	1	0	79.0	70	130				
1,2-Dichlorobenzene	1.020	0.15	1	0	102	70	130				
1,2-Dichloroethane	0.8200	0.15	1	0	82.0	70	130				
1,2-Dichloropropane	0.7000	0.15	1	0	70.0	70	130				
1,3,5-Trimethylbenzene	0.9200	0.15	1	0	92.0	70	130				
1,3-butadiene	0.9500	0.15	1	0	95.0	70	130				

Qualifiers:

J	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
S	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group
 Work Order: C0906044
 Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: LCS1UT-062509	SampleType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 2601						
Client ID: ZZZZZ	Batch ID: R2601	TestNo: TO-15		Analysis Date: 6/25/2009	SeqNo: 32866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	1.010	0.15	1	0	101	70	130				
1,4-Dichlorobenzene	1.030	0.15	1	0	103	70	130				
1,4-Dioxane	0.7300	0.30	1	0	73.0	70	130				
2,2,4-trimethylpentane	0.7100	0.15	1	0	71.0	70	130				
4-ethyltoluene	0.9000	0.15	1	0	90.0	70	130				
Acetone	1.010	0.30	1	0	101	70	130				
Allyl chloride	0.8600	0.15	1	0	86.0	70	130				
Benzene	0.7500	0.15	1	0	75.0	70	130				
Benzyl chloride	1.060	0.15	1	0	106	70	130				
Bromodichloromethane	0.8800	0.15	1	0	88.0	70	130				
Bromoform	1.070	0.15	1	0	107	70	130				
Bromomethane	0.8000	0.15	1	0	80.0	70	130				
Carbon disulfide	0.9400	0.15	1	0	94.0	70	130				
Carbon tetrachloride	0.8400	0.15	1	0	84.0	70	130				
Chlorobenzene	0.8000	0.15	1	0	80.0	70	130				
Chloroethane	0.7800	0.15	1	0	78.0	70	130				
Chloroform	0.7800	0.15	1	0	78.0	70	130				
Chloromethane	0.9000	0.15	1	0	90.0	70	130				
cis- 1,2-Dichloroethene	0.7300	0.15	1	0	73.0	70	130				
cis- 1,3-Dichloropropene	0.7000	0.15	1	0	70.0	70	130				
Cyclohexane	0.7300	0.15	1	0	73.0	70	130				
Dibromochloromethane	0.9500	0.15	1	0	95.0	70	130				
Ethyl acetate	0.7500	0.25	1	0	75.0	70	130				
Ethylbenzene	0.7300	0.15	1	0	73.0	70	130				
Freon 11	0.8600	0.15	1	0	86.0	70	130				
Freon 113	0.7900	0.15	1	0	79.0	70	130				
Freon 114	0.8800	0.15	1	0	88.0	70	130				
Freon 12	0.8800	0.15	1	0	88.0	70	130				
Heptane	0.7000	0.15	1	0	70.0	70	130				
Hexachloro-1,3-butadiene	1.360	0.15	1	0	136	70	130				S
Hexane	0.7700	0.15	1	0	77.0	70	130				

Qualifiers: J Results reported are not blank corrected
 S Analyte detected at or below quantitation limits
 ND Spike Recovery outside accepted recovery limits
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group

Work Order: C0906044

Project: 1735 Express Drive

TestCode: 1ugM3_TO15

Sample ID: LCS1UT-062509	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbv	Prep Date:	RunNo: 2601						
Client ID: ZZZZZ	Batch ID: R2601	TestNo: TO-15		Analysis Date: 6/25/2009	SeqNo: 32866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Isopropyl alcohol	0.8600	0.15	1	0	86.0	70	130				
m&p-Xylene	1.680	0.30	2	0	84.0	70	130				
Methyl Butyl Ketone	0.7700	0.30	1	0	77.0	70	130				
Methyl Ethyl Ketone	0.7500	0.30	1	0	75.0	70	130				
Methyl Isobutyl Ketone	0.7800	0.30	1	0	78.0	70	130				
Methyl tert-butyl ether	0.8600	0.15	1	0	86.0	70	130				
Methylene chloride	0.8000	0.15	1	0	80.0	70	130				
o-Xylene	0.9100	0.15	1	0	91.0	70	130				
Propylene	0.8200	0.15	1	0	82.0	70	130				
Styrene	0.8000	0.15	1	0	80.0	70	130				
Tetrachloroethylene	0.8300	0.15	1	0	83.0	70	130				
Tetrahydrofuran	0.7300	0.15	1	0	73.0	70	130				
Toluene	0.7900	0.15	1	0	79.0	70	130				
trans-1,2-Dichloroethene	0.9100	0.15	1	0	91.0	70	130				
trans-1,3-Dichloropropene	0.7000	0.15	1	0	70.0	70	130				
Trichloroethene	0.7900	0.15	1	0	79.0	70	130				
Vinyl acetate	0.7300	0.15	1	0	73.0	70	130				
Vinyl Bromide	0.8400	0.15	1	0	84.0	70	130				
Vinyl chloride	0.8400	0.15	1	0	84.0	70	130				
Surr: Bromofluorobenzene	1.170	0	1	0	117	70	130				

Sample ID: LCS1UT-062609	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbv	Prep Date:	RunNo: 2602						
Client ID: ZZZZZ	Batch ID: R2602	TestNo: TO-15		Analysis Date: 6/26/2009	SeqNo: 32872						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	1.040	0.15	1	0	104	70	130				
1,1,2,2-Tetrachloroethane	0.8500	0.15	1	0	85.0	70	130				
1,1,2-Trichloroethane	0.9400	0.15	1	0	94.0	70	130				
1,1-Dichloroethane	0.7000	0.15	1	0	70.0	70	130				
1,1-Dichloroethene	0.7000	0.15	1	0	70.0	70	130				

Qualifiers:	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group
 Work Order: C0906044
 Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: LCS1UT-062609	SampType: LCS	TestCode: 1ugM3_TO15				Units: ppbV	Prep Date:		RunNo: 2602		
Client ID: ZZZZZ	Batch ID: R2602	TestNo: TO-15					Analysis Date: 6/26/2009		SeqNo: 32872		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.7900	0.15	1	0	79.0	70	130				
1,2,4-Trimethylbenzene	0.7100	0.15	1	0	71.0	70	130				
1,2-Dibromoethane	0.7700	0.15	1	0	77.0	70	130				
1,2-Dichlorobenzene	0.8300	0.15	1	0	83.0	70	130				
1,2-Dichloroethane	0.7900	0.15	1	0	79.0	70	130				
1,2-Dichloropropane	0.8200	0.15	1	0	82.0	70	130				
1,3,5-Trimethylbenzene	0.7000	0.15	1	0	70.0	70	130				
1,3-butadiene	0.8600	0.15	1	0	86.0	70	130				
1,3-Dichlorobenzene	0.8600	0.15	1	0	86.0	70	130				
1,4-Dichlorobenzene	0.9100	0.15	1	0	91.0	70	130				
1,4-Dioxane	0.8200	0.30	1	0	82.0	70	130				
2,2,4-trimethylpentane	0.7500	0.15	1	0	75.0	70	130				
4-ethyltoluene	0.7500	0.15	1	0	75.0	70	130				
Acetone	0.8400	0.30	1	0	84.0	70	130				
Allyl chloride	0.7100	0.15	1	0	71.0	70	130				
Benzene	0.8200	0.15	1	0	82.0	70	130				
Benzyl chloride	0.9000	0.15	1	0	90.0	70	130				
Bromodichloromethane	1.100	0.15	1	0	110	70	130				
Bromoform	1.100	0.15	1	0	110	70	130				
Bromomethane	0.7300	0.15	1	0	73.0	70	130				
Carbon disulfide	0.7700	0.15	1	0	77.0	70	130				
Carbon tetrachloride	1.100	0.15	1	0	110	70	130				
Chlorobenzene	0.7500	0.15	1	0	75.0	70	130				
Chloroethane	0.7500	0.15	1	0	75.0	70	130				
Chloroform	0.7700	0.15	1	0	77.0	70	130				
Chloromethane	0.8600	0.15	1	0	86.0	70	130				
cis-1,2-Dichloroethene	0.7300	0.15	1	0	73.0	70	130				
cis-1,3-Dichloropropene	0.7700	0.15	1	0	77.0	70	130				
Cyclohexane	0.7500	0.15	1	0	75.0	70	130				
Dibromochloromethane	0.9600	0.15	1	0	96.0	70	130				
Ethyl acetate	0.7300	0.25	1	0	73.0	70	130				

Qualifiers: J Results reported are not blank corrected
 S Analyte detected at or below quantitation limits
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group

Work Order: C0906044

Project: 1735 Express Drive

TestCode: 1ugM3_TO15

Sample ID: LCS1UT-062609	SampType: LCS	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 2602						
Client ID: ZZZZZ	Batch ID: R2602	TestNo: TO-15		Analysis Date: 6/26/2009	SeqNo: 32872						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Ethylbenzene	0.7300	0.15	1	0	73.0	70	130				
Freon 11	0.8400	0.15	1	0	84.0	70	130				
Freon 113	0.7800	0.15	1	0	78.0	70	130				
Freon 114	0.8600	0.15	1	0	86.0	70	130				
Freon 12	0.9000	0.15	1	0	90.0	70	130				
Heptane	0.7700	0.15	1	0	77.0	70	130				
Hexachloro-1,3-butadiene	1.040	0.15	1	0	104	70	130				
Hexane	0.7200	0.15	1	0	72.0	70	130				
Isopropyl alcohol	0.7300	0.15	1	0	73.0	70	130				
m&p-Xylene	1.430	0.30	2	0	71.5	70	130				
Methyl Butyl Ketone	0.7200	0.30	1	0	72.0	70	130				
Methyl Ethyl Ketone	0.7000	0.30	1	0	70.0	70	130				
Methyl Isobutyl Ketone	0.7600	0.30	1	0	76.0	70	130				
Methyl tert-butyl ether	0.7100	0.15	1	0	71.0	70	130				
Methylene chloride	0.7600	0.15	1	0	76.0	70	130				
o-Xylene	0.7000	0.15	1	0	70.0	70	130				
Propylene	0.7000	0.15	1	0	70.0	70	130				
Styrene	0.7200	0.15	1	0	72.0	70	130				
Tetrachloroethylene	0.8700	0.15	1	0	87.0	70	130				
Tetrahydrofuran	0.8900	0.15	1	0	89.0	70	130				
Toluene	0.7000	0.15	1	0	70.0	70	130				
trans-1,2-Dichloroethene	0.8100	0.15	1	0	81.0	70	130				
trans-1,3-Dichloropropene	0.8000	0.15	1	0	80.0	70	130				
Trichloroethene	0.9200	0.15	1	0	92.0	70	130				
Vinyl acetate	0.7000	0.15	1	0	70.0	70	130				
Vinyl Bromide	0.7100	0.15	1	0	71.0	70	130				
Vinyl chloride	0.7100	0.15	1	0	71.0	70	130				
Surr: Bromofluorobenzene	1.070	0	1	0	107	70	130				

Qualifiers:	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group
Work Order: C0906044
Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: LCSD1UT-062509		SampType: LCSD		TestCode: 1ugM3_TO15		Units: ppbV		Prep Date:		RunNo: 2601	
Client ID: ZZZZZ		Batch ID: R2601		TestNo: TO-15		Analysis Date: 6/26/2009		SeqNo: 32867			
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.180	0.15	1	0	118	70	130	0.83	34.8	30	R
1,1,2,2-Tetrachloroethane	0.9800	0.15	1	0	98.0	70	130	0.82	17.8	30	
1,1,2-Trichloroethane	1.010	0.15	1	0	101	70	130	0.72	33.5	30	R
1,1-Dichloroethane	0.8500	0.15	1	0	85.0	70	130	0.73	15.2	30	
1,1-Dichloroethene	0.8100	0.15	1	0	81.0	70	130	0.74	9.03	30	
1,2,4-Trichlorobenzene	1.240	0.15	1	0	124	70	130	2.15	53.7	30	R
1,2,4-Trimethylbenzene	0.8200	0.15	1	0	82.0	70	130	0.91	10.4	30	
1,2-Dibromoethane	0.8300	0.15	1	0	83.0	70	130	0.79	4.94	30	
1,2-Dichlorobenzene	1.000	0.15	1	0	100	70	130	1.02	1.98	30	
1,2-Dichloroethane	0.9100	0.15	1	0	91.0	70	130	0.82	10.4	30	
1,2-Dichloropropane	0.9100	0.15	1	0	91.0	70	130	0.7	26.1	30	
1,3,5-Trimethylbenzene	0.8800	0.15	1	0	88.0	70	130	0.92	4.44	30	
1,3-butadiene	1.070	0.15	1	0	107	70	130	0.95	11.9	30	
1,3-Dichlorobenzene	1.010	0.15	1	0	101	70	130	1.01	0	30	
1,4-Dichlorobenzene	0.9900	0.15	1	0	99.0	70	130	1.03	3.96	30	
1,4-Dioxane	1.010	0.30	1	0	101	70	130	0.73	32.2	30	R
2,2,4-trimethylpentane	0.8900	0.15	1	0	89.0	70	130	0.71	22.5	30	
4-ethyltoluene	0.8800	0.15	1	0	88.0	70	130	0.9	2.25	30	
Acetone	1.050	0.30	1	0	105	70	130	1.01	3.88	30	
Allyl chloride	0.9100	0.15	1	0	91.0	70	130	0.86	5.65	30	
Benzene	0.9200	0.15	1	0	92.0	70	130	0.75	20.4	30	
Benzyl chloride	1.100	0.15	1	0	110	70	130	1.06	3.70	30	
Bromodichloromethane	1.190	0.15	1	0	119	70	130	0.88	30.0	30	
Bromoform	1.270	0.15	1	0	127	70	130	1.07	17.1	30	
Bromomethane	0.9200	0.15	1	0	92.0	70	130	0.8	14.0	30	
Carbon disulfide	0.9600	0.15	1	0	96.0	70	130	0.94	2.11	30	
Carbon tetrachloride	1.190	0.15	1	0	119	70	130	0.84	34.5	30	R
Chlorobenzene	0.8100	0.15	1	0	81.0	70	130	0.8	1.24	30	
Chloroethane	0.9400	0.15	1	0	94.0	70	130	0.78	18.6	30	
Chloroform	0.9300	0.15	1	0	93.0	70	130	0.78	17.5	30	
Chloromethane	1.070	0.15	1	0	107	70	130	0.9	17.3	30	

Qualifiers: J Results reported are not blank corrected
S Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

CLIENT: FPM Group
Work Order: C0906044
Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: LCSD1UT-062509	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbV	Prep Date:	RunNo: 2601						
Client ID: ZZZZZ	Batch ID: R2601	TestNo: TO-15		Analysis Date: 6/26/2009	SeqNo: 32867						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.7600	0.15	1	0	76.0	70	130	0.73	4.03	30	
cis-1,3-Dichloropropene	0.9100	0.15	1	0	91.0	70	130	0.7	26.1	30	
Cyclohexane	0.8700	0.15	1	0	87.0	70	130	0.73	17.5	30	
Dibromochloromethane	1.120	0.15	1	0	112	70	130	0.95	16.4	30	
Ethyl acetate	0.7900	0.25	1	0	79.0	70	130	0.75	5.19	30	
Ethylbenzene	0.7500	0.15	1	0	75.0	70	130	0.73	2.70	30	
Freon 11	1.020	0.15	1	0	102	70	130	0.86	17.0	30	
Freon 113	0.9800	0.15	1	0	98.0	70	130	0.79	21.5	30	
Freon 114	1.010	0.15	1	0	101	70	130	0.88	13.8	30	
Freon 12	1.050	0.15	1	0	105	70	130	0.88	17.6	30	
Heptane	0.8400	0.15	1	0	84.0	70	130	0.7	18.2	30	
Hexachloro-1,3-butadiene	1.330	0.15	1	0	133	70	130	1.36	2.23	30	S
Hexane	0.8400	0.15	1	0	84.0	70	130	0.77	8.70	30	
Isopropyl alcohol	0.9400	0.15	1	0	94.0	70	130	0.86	8.89	30	
m&p-Xylene	1.700	0.30	2	0	85.0	70	130	1.68	1.18	30	
Methyl Butyl Ketone	0.8000	0.30	1	0	80.0	70	130	0.77	3.82	30	
Methyl Ethyl Ketone	0.8500	0.30	1	0	85.0	70	130	0.75	12.5	30	
Methyl Isobutyl Ketone	0.8800	0.30	1	0	88.0	70	130	0.78	12.0	30	
Methyl tert-butyl ether	0.8700	0.15	1	0	87.0	70	130	0.86	1.16	30	
Methylene chloride	0.9700	0.15	1	0	97.0	70	130	0.8	19.2	30	
o-Xylene	0.8900	0.15	1	0	89.0	70	130	0.91	2.22	30	
Propylene	0.7000	0.15	1	0	70.0	70	130	0.82	15.8	30	
Styrene	0.8100	0.15	1	0	81.0	70	130	0.8	1.24	30	
Tetrachloroethylene	0.9500	0.15	1	0	95.0	70	130	0.83	13.5	30	
Tetrahydrofuran	0.7000	0.15	1	0	70.0	70	130	0.73	4.20	30	
Toluene	0.7800	0.15	1	0	78.0	70	130	0.79	1.27	30	
trans-1,2-Dichloroethene	1.050	0.15	1	0	105	70	130	0.91	14.3	30	
trans-1,3-Dichloropropene	0.8200	0.15	1	0	82.0	70	130	0.7	15.8	30	
Trichloroethene	1.110	0.15	1	0	111	70	130	0.79	33.7	30	R
Vinyl acetate	0.7400	0.15	1	0	74.0	70	130	0.73	1.36	30	
Vinyl Bromide	0.8300	0.15	1	0	83.0	70	130	0.84	1.20	30	

Qualifiers:

J	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
S	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group
Work Order: C0906044
Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: LCSD1UT-062509	Samp Type: LCSD	TestCode: 1ugM3_TO15	Units: ppbv	Prep Date:	RunNo: 2601						
Client ID: ZZZZZ	Batch ID: R2601	TestNo: TO-15		Analysis Date: 6/26/2009	SeqNo: 32867						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Vinyl chloride	0.8600	0.15	1	0	86.0	70	130	0.84	2.35	30	
Surr: Bromofluorobenzene	1.100	0	1	0	110	70	130	0	0	30	

Sample ID: LCSD1UT-062609	SampType: LCSD	TestCode: 1ugM3_TO15	Units: ppbv	Prep Date:	RunNo: 2602						
Client ID: ZZZZZ	Batch ID: R2602	TestNo: TO-15		Analysis Date: 6/27/2009	SeqNo: 32873						
Analyte:	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	1.170	0.15	1	0	117	70	130	1.04	11.8	30	
1,1,2,2-Tetrachloroethane	0.8900	0.15	1	0	89.0	70	130	0.85	4.60	30	
1,1,2-Trichloroethane	0.9800	0.15	1	0	98.0	70	130	0.94	4.17	30	
1,1-Dichloroethane	0.7900	0.15	1	0	79.0	70	130	0.7	12.1	30	
1,1-Dichloroethene	0.8000	0.15	1	0	80.0	70	130	0.7	13.3	30	
1,2,4-Trichlorobenzene	1.330	0.15	1	0	133	70	130	0.79	50.9	30	SR
1,2,4-Trimethylbenzene	0.7500	0.15	1	0	75.0	70	130	0.71	5.48	30	
1,2-Dibromoethane	0.8200	0.15	1	0	82.0	70	130	0.77	6.29	30	
1,2-Dichlorobenzene	0.8900	0.15	1	0	89.0	70	130	0.83	6.98	30	
1,2-Dichloroethane	0.8600	0.15	1	0	86.0	70	130	0.79	8.48	30	
1,2-Dichloropropane	0.8000	0.15	1	0	80.0	70	130	0.82	2.47	30	
1,3,5-Trimethylbenzene	0.8100	0.15	1	0	81.0	70	130	0.7	14.6	30	
1,3-butadiene	1.020	0.15	1	0	102	70	130	0.86	17.0	30	
1,3-Dichlorobenzene	0.9500	0.15	1	0	95.0	70	130	0.86	9.94	30	
1,4-Dichlorobenzene	0.9800	0.15	1	0	98.0	70	130	0.91	7.41	30	
1,4-Dioxane	0.9700	0.30	1	0	97.0	70	130	0.82	16.8	30	
2,2,4-trimethylpentane	0.8200	0.15	1	0	82.0	70	130	0.75	8.92	30	
4-ethyltoluene	0.8100	0.15	1	0	81.0	70	130	0.75	7.69	30	
Acetone	1.160	0.30	1	0	116	70	130	0.84	32.0	30	R
Allyl chloride	0.8800	0.15	1	0	88.0	70	130	0.71	21.4	30	
Benzene	0.8800	0.15	1	0	88.0	70	130	0.82	7.06	30	
Benzyl chloride	1.020	0.15	1	0	102	70	130	0.9	12.5	30	
Bromodichloromethane	1.150	0.15	1	0	115	70	130	1.1	4.44	30	

Qualifiers:	J	S	Results reported are not blank corrected	E	H	Holding times for preparation or analysis exceeded
			Analyte detected at or below quantitation limits	ND	R	RPD outside accepted recovery limits
			Spike Recovery outside accepted recovery limits			

CLIENT: FPM Group
Work Order: C0906044
Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: LCSD1UT-062609		Samp Type: LCSD		TestCode: 1ugM3_TO15		Units: ppbV		Prep Date:		RunNo: 2602	
Client ID: ZZZZZ		Batch ID: R2602		TestNo: TO-15				Analysis Date: 6/27/2009		SeqNo: 32873	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Bromoform	1.140	0.15	1	0	114	70	130	1.1	3.57	30	30
Bromomethane	0.8900	0.15	1	0	89.0	70	130	0.73	19.8	30	30
Carbon disulfide	0.9400	0.15	1	0	94.0	70	130	0.77	19.9	30	30
Carbon tetrachloride	1.170	0.15	1	0	117	70	130	1.1	6.17	30	30
Chlorobenzene	0.8200	0.15	1	0	82.0	70	130	0.75	8.92	30	30
Chloroethane	0.8400	0.15	1	0	84.0	70	130	0.75	11.3	30	30
Chloroform	0.8700	0.15	1	0	87.0	70	130	0.77	12.2	30	30
Chloromethane	1.000	0.15	1	0	100	70	130	0.86	15.1	30	30
cis-1,2-Dichloroethene	0.7000	0.15	1	0	70.0	70	130	0.73	4.20	30	30
cis-1,3-Dichloropropene	0.8500	0.15	1	0	85.0	70	130	0.77	9.88	30	30
Cyclohexane	0.8200	0.15	1	0	82.0	70	130	0.75	8.92	30	30
Dibromochloromethane	1.030	0.15	1	0	103	70	130	0.96	7.04	30	30
Ethyl acetate	0.7800	0.25	1	0	78.0	70	130	0.73	6.62	30	30
Ethylbenzene	0.7000	0.15	1	0	70.0	70	130	0.73	4.20	30	30
Freon 11	1.000	0.15	1	0	100	70	130	0.84	17.4	30	30
Freon 113	0.9700	0.15	1	0	97.0	70	130	0.78	21.7	30	30
Freon 114	0.9800	0.15	1	0	98.0	70	130	0.86	13.0	30	30
Freon 12	1.010	0.15	1	0	101	70	130	0.9	11.5	30	30
Heptane	0.8200	0.15	1	0	82.0	70	130	0.77	6.29	30	30
Hexachloro-1,3-butadiene	1.300	0.15	1	0	130	70	130	1.04	22.2	30	30
Hexane	0.7800	0.15	1	0	78.0	70	130	0.72	8.00	30	30
Isopropyl alcohol	0.9300	0.15	1	0	93.0	70	130	0.73	24.1	30	30
m&p-Xylene	1.590	0.30	2	0	79.5	70	130	1.43	10.6	30	30
Methyl Butyl Ketone	0.7800	0.30	1	0	78.0	70	130	0.72	8.00	30	30
Methyl Ethyl Ketone	0.8000	0.30	1	0	80.0	70	130	0.7	13.3	30	30
Methyl isobutyl Ketone	0.8100	0.30	1	0	81.0	70	130	0.76	6.37	30	30
Methyl tert-butyl ether	0.9100	0.15	1	0	91.0	70	130	0.71	24.7	30	30
Methylene chloride	0.9600	0.15	1	0	96.0	70	130	0.76	23.3	30	30
o-Xylene	0.8100	0.15	1	0	81.0	70	130	0.7	14.6	30	30
Propylene	0.7000	0.15	1	0	70.0	70	130	0.7	0	30	30
Styrene	0.7600	0.15	1	0	76.0	70	130	0.72	5.41	30	30

Qualifiers:

J	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
S	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group
Work Order: C0906044
Project: 1735 Express Drive

ANALYTICAL QC SUMMARY REPORT

TestCode: 1ugM3_TO15

Sample ID: LCSD1UT-062609		SampType: LCSD		TestCode: 1ugM3_TO15		Units: ppbV		Prep Date:		RunNo: 2602	
Client ID: ZZZZZ		Batch ID: R2602		TestNo: TO-15				Analysis Date: 6/27/2009		SeqNo: 32873	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethylene	0.9200	0.15	1	0	92.0	70	130	0.87	5.59	30	
Tetrahydrofuran	0.7000	0.15	1	0	70.0	70	130	0.89	23.9	30	
Toluene	0.7400	0.15	1	0	74.0	70	130	0.7	5.56	30	
trans-1,2-Dichloroethene	1.030	0.15	1	0	103	70	130	0.81	23.9	30	
trans-1,3-Dichloropropene	0.7800	0.15	1	0	78.0	70	130	0.8	2.53	30	
Trichloroethene	0.9300	0.15	1	0	93.0	70	130	0.92	1.08	30	
Vinyl acetate	0.7000	0.15	1	0	70.0	70	130	0.7	0	30	
Vinyl Bromide	0.8000	0.15	1	0	80.0	70	130	0.71	11.9	30	
Vinyl chloride	0.8300	0.15	1	0	83.0	70	130	0.71	15.6	30	
Surr: Bromofluorobenzene	1.070	0	1	0	107	70	130	0	0	30	

Qualifiers:	Results reported are not blank corrected		Value above quantitation range		Holding times for preparation or analysis exceeded	
	J	S	ND	E	R	H
	Analytic detected at or below quantitation limits		Not Detected at the Reporting Limit		RPD outside accepted recovery limits	
	Spike Recovery outside accepted recovery limits					

Page 14 of 14

[illegible]