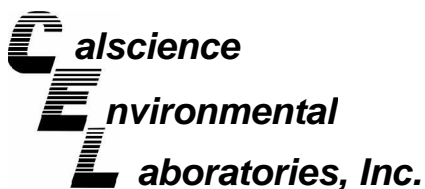




## APPENDIX C

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LABORATORY ANALYTICAL REPORTS AND  
CHAIN-OF-CUSTODY DOCUMENTS  
FEBRUARY 2008 SENTRY EVENT



February 19, 2008

Mary Lucas  
Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Subject: **CalScience Work Order No.: 08-02-0667**  
**Client Reference: DFSP NORWALK GWM / 743447**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/9/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard CalScience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads 'Ranjit K. F. Clarke'.

CalScience Environmental  
Laboratories, Inc.  
Ranjit Clarke  
Project Manager

### Work Order Case Narrative

**Project Name:** DFSP NORWALK GWM / 743447  
**CalScience Work Order Number:** 08-02-0667

1. Volatile Organic Compounds + Oxygenates – EPA 8260B:

Methylene Chloride was detected in all samples, including the Trip Blank. It should be noted that Methylene Chloride is a common laboratory contaminant. There were no detections of this compound, however, in the Method Blanks associated with these samples. No further qualification of the data is necessary.



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GMW-61-0208</b>	<b>08-02-0667-1-E</b>	<b>02/07/08 09:05</b>	<b>Aqueous</b>	<b>GC 22</b>	<b>02/12/08</b>	<b>02/12/08 18:04</b>	<b>080212B01</b>

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	2600	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	139	38-134		2	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GMW-60-0208</b>	<b>08-02-0667-2-E</b>	<b>02/07/08 09:32</b>	<b>Aqueous</b>	<b>GC 22</b>	<b>02/12/08</b>	<b>02/12/08 17:28</b>	<b>080212B01</b>

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1700	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	147	38-134		2	

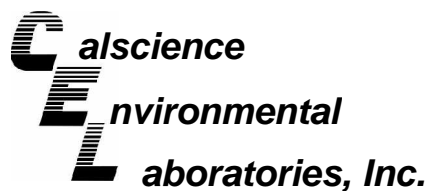
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GMW-47-0208</b>	<b>08-02-0667-3-D</b>	<b>02/07/08 09:49</b>	<b>Aqueous</b>	<b>GC 22</b>	<b>02/12/08</b>	<b>02/12/08 18:39</b>	<b>080212B01</b>

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	90	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GMW-57-0208</b>	<b>08-02-0667-4-D</b>	<b>02/07/08 10:30</b>	<b>Aqueous</b>	<b>GC 22</b>	<b>02/12/08</b>	<b>02/12/08 19:13</b>	<b>080212B01</b>

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	150	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	101	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-58-0208	08-02-0667-5-E	02/07/08 10:52	Aqueous	GC 22	02/12/08	02/12/08 19:47	080212B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1100	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	157	38-134		2	

GMW-59-0208	08-02-0667-6-E	02/07/08 11:10	Aqueous	GC 22	02/12/08	02/12/08 20:21	080212B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	3200	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	136	38-134		2	

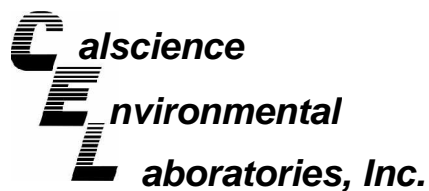
MW-14-0208	08-02-0667-7-E	02/07/08 12:35	Aqueous	GC 22	02/12/08	02/12/08 20:55	080212B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	180	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	90	38-134			

EXP-3-0208	08-02-0667-8-D	02/07/08 13:00	Aqueous	GC 22	02/12/08	02/12/08 23:12	080212B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	81	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-62-0208	08-02-0667-9-E	02/07/08 13:48	Aqueous	GC 22	02/12/08	02/12/08 23:46	080212B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	4100	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	126	38-134			

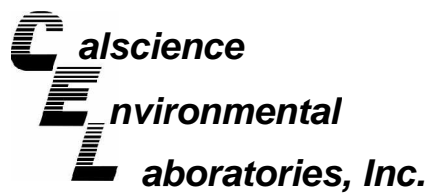
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14DUP-0208	08-02-0667-11-F	02/07/08 12:40	Aqueous	GC 22	02/12/08	02/13/08 00:20	080212B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	200	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	89	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-247-1,548	N/A	Aqueous	GC 22	02/12/08	02/12/08 12:30	080212B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	77	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-61-0208	08-02-0667-1-G	02/07/08 09:05	Aqueous	GC 23	02/12/08	02/12/08 22:08	080212B07

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	890	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	83	68-140			

GMW-60-0208	08-02-0667-2-G	02/07/08 09:32	Aqueous	GC 23	02/12/08	02/12/08 22:18	080212B07
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Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	290	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	68-140			

GMW-47-0208	08-02-0667-3-G	02/07/08 09:49	Aqueous	GC 23	02/12/08	02/15/08 23:07	080212B07
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Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	290	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	113	68-140			

GMW-57-0208	08-02-0667-4-G	02/07/08 10:30	Aqueous	GC 23	02/12/08	02/12/08 22:36	080212B07
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Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	720	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	82	68-140			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-58-0208	08-02-0667-5-G	02/07/08 10:52	Aqueous	GC 23	02/12/08	02/12/08 22:45	080212B07

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	5000	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	131	68-140			

GMW-59-0208	08-02-0667-6-G	02/07/08 11:10	Aqueous	GC 23	02/12/08	02/15/08 23:16	080212B07
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Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	3900	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	104	68-140			

MW-14-0208	08-02-0667-7-G	02/07/08 12:35	Aqueous	GC 23	02/12/08	02/12/08 23:04	080212B07
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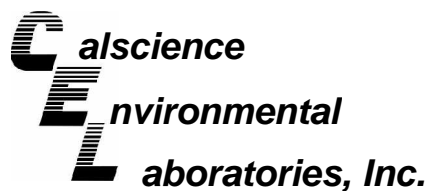
Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	1400	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	99	68-140			

EXP-3-0208	08-02-0667-8-G	02/07/08 13:00	Aqueous	GC 23	02/12/08	02/12/08 23:13	080212B07
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Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	80	68-140			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-62-0208	08-02-0667-9-G	02/07/08 13:48	Aqueous	GC 23	02/12/08	02/12/08 23:22	080212B07

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	1400	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	88	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14DUP-0208	08-02-0667-11-G	02/07/08 12:40	Aqueous	GC 23	02/12/08	02/12/08 23:31	080212B07

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	1200	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	80	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-382-22	N/A	Aqueous	GC 23	02/12/08	02/12/08 21:41	080212B07

Parameter	Result	RL	DF	Qual	Units
TPH as Fuel Product	ND	100	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	68-140			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

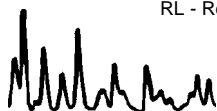
Project: DFSP NORWALK GWM / 743447

Page 1 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-61-0208	08-02-0667-1-A	02/07/08 09:05	Aqueous	GC/MS X	02/13/08	02/14/08 05:01	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	250	5		c-1,3-Dichloropropene	ND	2.5	5	
Benzene	330	2.5	5		t-1,3-Dichloropropene	ND	2.5	5	
Bromobenzene	ND	5.0	5		Ethylbenzene	70	2.5	5	
Bromochloromethane	ND	5.0	5		2-Hexanone	ND	50	5	
Bromodichloromethane	ND	5.0	5		Isopropylbenzene	16	5.0	5	
Bromoform	ND	5.0	5		p-Isopropyltoluene	ND	5.0	5	
Bromomethane	ND	25	5		Methylene Chloride	36	25	5	
2-Butanone	ND	50	5		4-Methyl-2-Pentanone	ND	50	5	
n-Butylbenzene	ND	5.0	5		Naphthalene	ND	50	5	
sec-Butylbenzene	ND	5.0	5		n-Propylbenzene	15	5.0	5	
tert-Butylbenzene	ND	5.0	5		Styrene	ND	5.0	5	
Carbon Disulfide	ND	50	5		1,1,1,2-Tetrachloroethane	ND	5.0	5	
Carbon Tetrachloride	ND	2.5	5		1,1,2,2-Tetrachloroethane	ND	5.0	5	
Chlorobenzene	ND	5.0	5		Tetrachloroethene	ND	5.0	5	
Chloroethane	ND	5.0	5		Toluene	8.6	2.5	5	
Chloroform	ND	5.0	5		1,2,3-Trichlorobenzene	ND	5.0	5	
Chloromethane	ND	25	5		1,2,4-Trichlorobenzene	ND	5.0	5	
2-Chlorotoluene	ND	5.0	5		1,1,1-Trichloroethane	ND	5.0	5	
4-Chlorotoluene	ND	5.0	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	5	
Dibromochloromethane	ND	5.0	5		1,1,2-Trichloroethane	ND	5.0	5	
1,2-Dibromo-3-Chloropropane	ND	25	5		Trichloroethene	ND	5.0	5	
1,2-Dibromoethane	ND	5.0	5		Trichlorofluoromethane	ND	50	5	
Dibromomethane	ND	5.0	5		1,2,3-Trichloropropane	ND	25	5	
1,2-Dichlorobenzene	ND	5.0	5		1,2,4-Trimethylbenzene	110	5.0	5	
1,3-Dichlorobenzene	ND	5.0	5		1,3,5-Trimethylbenzene	21	5.0	5	
1,4-Dichlorobenzene	ND	5.0	5		Vinyl Acetate	ND	50	5	
Dichlorodifluoromethane	ND	5.0	5		Vinyl Chloride	ND	2.5	5	
1,1-Dichloroethane	ND	5.0	5		p/m-Xylene	290	2.5	5	
1,2-Dichloroethane	ND	2.5	5		o-Xylene	73	2.5	5	
1,1-Dichloroethene	ND	5.0	5		Methyl-t-Butyl Ether (MTBE)	ND	2.5	5	
c-1,2-Dichloroethene	ND	5.0	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
t-1,2-Dichloroethene	ND	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
1,2-Dichloropropane	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
1,3-Dichloropropane	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
2,2-Dichloropropane	ND	5.0	5		Ethanol	ND	500	5	
1,1-Dichloropropene	ND	5.0	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>
		<u>Limits</u>					<u>Limits</u>		
Dibromofluoromethane	98	74-140			1,2-Dichloroethane-d4	97	74-146		
Toluene-d8	95	88-112			1,4-Bromofluorobenzene	91	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

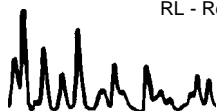
Project: DFSP NORWALK GWM / 743447

Page 2 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-60-0208	08-02-0667-2-A	02/07/08 09:32	Aqueous	GC/MS X	02/13/08	02/14/08 02:01	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	270	5.0	10		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	65	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	35	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	1.7	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	6.6	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	2.1	1.0	1		Naphthalene	32	10	1	
sec-Butylbenzene	6.8	1.0	1		n-Propylbenzene	33	1.0	1	
tert-Butylbenzene	1.0	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	0.80	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	5.8	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	34	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	43	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	4.9	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	109	74-140			1,2-Dichloroethane-d4	105	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	104	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

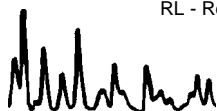
Project: DFSP NORWALK GWM / 743447

Page 3 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-47-0208	08-02-0667-3-A	02/07/08 09:49	Aqueous	GC/MS X	02/13/08	02/14/08 05:31	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	1.7	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	3.3	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	6.0	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	100	74-146		
Toluene-d8	95	88-112			1,4-Bromofluorobenzene	96	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

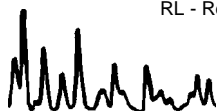
Project: DFSP NORWALK GWM / 743447

Page 4 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-57-0208	08-02-0667-4-A	02/07/08 10:30	Aqueous	GC/MS X	02/13/08	02/14/08 06:02	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	4.0	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	8.6	1.0	1	
Bromofom	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	5.6	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	1.2	1.0	1		n-Propylbenzene	1.4	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	99	74-140			1,2-Dichloroethane-d4	94	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	97	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

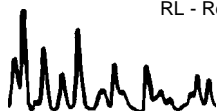
Project: DFSP NORWALK GWM / 743447

Page 5 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-58-0208	08-02-0667-5-A	02/07/08 10:52	Aqueous	GC/MS X	02/13/08	02/14/08 06:32	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	100	2		c-1,3-Dichloropropene	ND	1.0	2	
Benzene	270	1.0	2		t-1,3-Dichloropropene	ND	1.0	2	
Bromobenzene	ND	2.0	2		Ethylbenzene	1.8	1.0	2	
Bromochloromethane	ND	2.0	2		2-Hexanone	ND	20	2	
Bromodichloromethane	ND	2.0	2		Isopropylbenzene	39	2.0	2	
Bromoform	ND	2.0	2		p-Isopropyltoluene	3.0	2.0	2	
Bromomethane	ND	10	2		Methylene Chloride	13	10	2	
2-Butanone	ND	20	2		4-Methyl-2-Pentanone	ND	20	2	
n-Butylbenzene	ND	2.0	2		Naphthalene	ND	20	2	
sec-Butylbenzene	5.9	2.0	2		n-Propylbenzene	24	2.0	2	
tert-Butylbenzene	ND	2.0	2		Styrene	ND	2.0	2	
Carbon Disulfide	ND	20	2		1,1,1,2-Tetrachloroethane	ND	2.0	2	
Carbon Tetrachloride	ND	1.0	2		1,1,2,2-Tetrachloroethane	ND	2.0	2	
Chlorobenzene	ND	2.0	2		Tetrachloroethene	ND	2.0	2	
Chloroethane	ND	2.0	2		Toluene	ND	1.0	2	
Chloroform	ND	2.0	2		1,2,3-Trichlorobenzene	ND	2.0	2	
Chloromethane	ND	10	2		1,2,4-Trichlorobenzene	ND	2.0	2	
2-Chlorotoluene	ND	2.0	2		1,1,1-Trichloroethane	ND	2.0	2	
4-Chlorotoluene	ND	2.0	2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20	2	
Dibromochloromethane	ND	2.0	2		1,1,2-Trichloroethane	ND	2.0	2	
1,2-Dibromo-3-Chloropropane	ND	10	2		Trichloroethene	ND	2.0	2	
1,2-Dibromoethane	ND	2.0	2		Trichlorofluoromethane	ND	20	2	
Dibromomethane	ND	2.0	2		1,2,3-Trichloropropane	ND	10	2	
1,2-Dichlorobenzene	ND	2.0	2		1,2,4-Trimethylbenzene	2.4	2.0	2	
1,3-Dichlorobenzene	ND	2.0	2		1,3,5-Trimethylbenzene	ND	2.0	2	
1,4-Dichlorobenzene	ND	2.0	2		Vinyl Acetate	ND	20	2	
Dichlorodifluoromethane	ND	2.0	2		Vinyl Chloride	ND	1.0	2	
1,1-Dichloroethane	ND	2.0	2		p/m-Xylene	6.4	1.0	2	
1,2-Dichloroethane	ND	1.0	2		o-Xylene	ND	1.0	2	
1,1-Dichloroethene	ND	2.0	2		Methyl-t-Butyl Ether (MTBE)	ND	1.0	2	
c-1,2-Dichloroethene	ND	2.0	2		Tert-Butyl Alcohol (TBA)	ND	20	2	
t-1,2-Dichloroethene	ND	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
1,2-Dichloropropane	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
1,3-Dichloropropane	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
2,2-Dichloropropane	ND	2.0	2		Ethanol	ND	200	2	
1,1-Dichloropropene	ND	2.0	2						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	99	74-140			1,2-Dichloroethane-d4	96	74-146		
Toluene-d8	99	88-112			1,4-Bromofluorobenzene	96	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

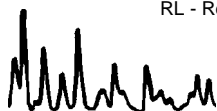
Project: DFSP NORWALK GWM / 743447

Page 6 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-59-0208	08-02-0667-6-A	02/07/08 11:10	Aqueous	GC/MS X	02/13/08	02/14/08 07:02	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	250	5		c-1,3-Dichloropropene	ND	2.5	5	
Benzene	490	2.5	5		t-1,3-Dichloropropene	ND	2.5	5	
Bromobenzene	ND	5.0	5		Ethylbenzene	3.8	2.5	5	
Bromochloromethane	ND	5.0	5		2-Hexanone	ND	50	5	
Bromodichloromethane	ND	5.0	5		Isopropylbenzene	26	5.0	5	
Bromoform	ND	5.0	5		p-Isopropyltoluene	ND	5.0	5	
Bromomethane	ND	25	5		Methylene Chloride	37	25	5	
2-Butanone	ND	50	5		4-Methyl-2-Pentanone	ND	50	5	
n-Butylbenzene	ND	5.0	5		Naphthalene	ND	50	5	
sec-Butylbenzene	ND	5.0	5		n-Propylbenzene	26	5.0	5	
tert-Butylbenzene	ND	5.0	5		Styrene	ND	5.0	5	
Carbon Disulfide	ND	50	5		1,1,1,2-Tetrachloroethane	ND	5.0	5	
Carbon Tetrachloride	ND	2.5	5		1,1,2,2-Tetrachloroethane	ND	5.0	5	
Chlorobenzene	ND	5.0	5		Tetrachloroethene	ND	5.0	5	
Chloroethane	ND	5.0	5		Toluene	ND	2.5	5	
Chloroform	ND	5.0	5		1,2,3-Trichlorobenzene	ND	5.0	5	
Chloromethane	ND	25	5		1,2,4-Trichlorobenzene	ND	5.0	5	
2-Chlorotoluene	ND	5.0	5		1,1,1-Trichloroethane	ND	5.0	5	
4-Chlorotoluene	ND	5.0	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	5	
Dibromochloromethane	ND	5.0	5		1,1,2-Trichloroethane	ND	5.0	5	
1,2-Dibromo-3-Chloropropane	ND	25	5		Trichloroethene	ND	5.0	5	
1,2-Dibromoethane	ND	5.0	5		Trichlorofluoromethane	ND	50	5	
Dibromomethane	ND	5.0	5		1,2,3-Trichloropropane	ND	25	5	
1,2-Dichlorobenzene	ND	5.0	5		1,2,4-Trimethylbenzene	ND	5.0	5	
1,3-Dichlorobenzene	ND	5.0	5		1,3,5-Trimethylbenzene	ND	5.0	5	
1,4-Dichlorobenzene	ND	5.0	5		Vinyl Acetate	ND	50	5	
Dichlorodifluoromethane	ND	5.0	5		Vinyl Chloride	ND	2.5	5	
1,1-Dichloroethane	ND	5.0	5		p/m-Xylene	ND	2.5	5	
1,2-Dichloroethane	ND	2.5	5		o-Xylene	ND	2.5	5	
1,1-Dichloroethene	ND	5.0	5		Methyl-t-Butyl Ether (MTBE)	2.7	2.5	5	
c-1,2-Dichloroethene	ND	5.0	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
t-1,2-Dichloroethene	ND	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
1,2-Dichloropropane	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
1,3-Dichloropropane	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
2,2-Dichloropropane	ND	5.0	5		Ethanol	ND	500	5	
1,1-Dichloropropene	ND	5.0	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	99	74-140			1,2-Dichloroethane-d4	95	74-146		
Toluene-d8	100	88-112			1,4-Bromofluorobenzene	97	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

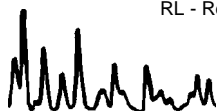
Project: DFSP NORWALK GWM / 743447

Page 7 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14-0208	08-02-0667-7-A	02/07/08 12:35	Aqueous	GC/MS X	02/13/08	02/14/08 07:32	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromofom	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	5.9	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	0.86	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	5.2	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	28	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	105	74-140			1,2-Dichloroethane-d4	101	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	102	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

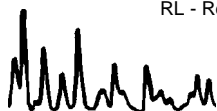
Project: DFSP NORWALK GWM / 743447

Page 8 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EXP-3-0208	08-02-0667-8-A	02/07/08 13:00	Aqueous	GC/MS X	02/13/08	02/14/08 08:02	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	5.7	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	99	74-140			1,2-Dichloroethane-d4	96	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	95	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

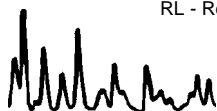
Project: DFSP NORWALK GWM / 743447

Page 9 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-62-0208	08-02-0667-9-A	02/07/08 13:48	Aqueous	GC/MS X	02/13/08	02/14/08 08:32	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	500	10		c-1,3-Dichloropropene	ND	5.0	10	
Benzene	2100	50	100		t-1,3-Dichloropropene	ND	5.0	10	
Bromobenzene	ND	10	10		Ethylbenzene	450	5.0	10	
Bromochloromethane	ND	10	10		2-Hexanone	ND	100	10	
Bromodichloromethane	ND	10	10		Isopropylbenzene	44	10	10	
Bromoform	ND	10	10		p-Isopropyltoluene	10	10	10	
Bromomethane	ND	50	10		Methylene Chloride	74	50	10	
2-Butanone	ND	100	10		4-Methyl-2-Pentanone	ND	100	10	
n-Butylbenzene	ND	10	10		Naphthalene	ND	100	10	
sec-Butylbenzene	ND	10	10		n-Propylbenzene	45	10	10	
tert-Butylbenzene	ND	10	10		Styrene	ND	10	10	
Carbon Disulfide	ND	100	10		1,1,1,2-Tetrachloroethane	ND	10	10	
Carbon Tetrachloride	ND	5.0	10		1,1,2,2-Tetrachloroethane	ND	10	10	
Chlorobenzene	ND	10	10		Tetrachloroethene	ND	10	10	
Chloroethane	ND	10	10		Toluene	190	5.0	10	
Chloroform	ND	10	10		1,2,3-Trichlorobenzene	ND	10	10	
Chloromethane	ND	50	10		1,2,4-Trichlorobenzene	ND	10	10	
2-Chlorotoluene	ND	10	10		1,1,1-Trichloroethane	ND	10	10	
4-Chlorotoluene	ND	10	10		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	100	10	
Dibromochloromethane	ND	10	10		1,1,2-Trichloroethane	ND	10	10	
1,2-Dibromo-3-Chloropropane	ND	50	10		Trichloroethene	ND	10	10	
1,2-Dibromoethane	ND	10	10		Trichlorofluoromethane	ND	100	10	
Dibromomethane	ND	10	10		1,2,3-Trichloropropane	ND	50	10	
1,2-Dichlorobenzene	ND	10	10		1,2,4-Trimethylbenzene	220	10	10	
1,3-Dichlorobenzene	ND	10	10		1,3,5-Trimethylbenzene	41	10	10	
1,4-Dichlorobenzene	ND	10	10		Vinyl Acetate	ND	100	10	
Dichlorodifluoromethane	ND	10	10		Vinyl Chloride	ND	5.0	10	
1,1-Dichloroethane	ND	10	10		p/m-Xylene	310	5.0	10	
1,2-Dichloroethane	ND	5.0	10		o-Xylene	300	5.0	10	
1,1-Dichloroethene	ND	10	10		Methyl-t-Butyl Ether (MTBE)	ND	5.0	10	
c-1,2-Dichloroethene	ND	10	10		Tert-Butyl Alcohol (TBA)	ND	100	10	
t-1,2-Dichloroethene	ND	10	10		Diisopropyl Ether (DIPE)	ND	20	10	
1,2-Dichloropropane	ND	10	10		Ethyl-t-Butyl Ether (ETBE)	ND	20	10	
1,3-Dichloropropane	ND	10	10		Tert-Amyl-Methyl Ether (TAME)	ND	20	10	
2,2-Dichloropropane	ND	10	10		Ethanol	ND	1000	10	
1,1-Dichloropropene	ND	10	10						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control</u>		<u>Qual</u>
		<u>Limits</u>					<u>Limits</u>		
Dibromofluoromethane	104	74-140			1,2-Dichloroethane-d4	99	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	99	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

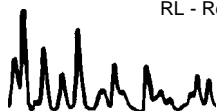
Project: DFSP NORWALK GWM / 743447

Page 10 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TRIP BLANK	08-02-0667-10-A	02/07/08 00:00	Aqueous	GC/MS X	02/13/08	02/14/08 09:02	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	5.3	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	103	74-140			1,2-Dichloroethane-d4	98	74-146		
Toluene-d8	95	88-112			1,4-Bromofluorobenzene	93	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

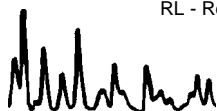
Project: DFSP NORWALK GWM / 743447

Page 11 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-14DUP-0208	08-02-0667-11-A	02/07/08 12:40	Aqueous	GC/MS X	02/13/08	02/14/08 09:32	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	0.50	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	5.0	1		Methylene Chloride	6.1	5.0	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	0.50	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	5.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	0.50	1	
1,2-Dichloroethane	0.78	0.50	1		o-Xylene	ND	0.50	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	5.1	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	30	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	108	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	94	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

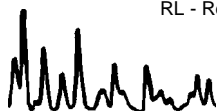
Project: DFSP NORWALK GWM / 743447

Page 12 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-24,427	N/A	Aqueous	GC/MS X	02/13/08	02/14/08 01:30	080213L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	100	74-140			1,2-Dichloroethane-d4	95	74-146		
Toluene-d8	94	88-112			1,4-Bromofluorobenzene	90	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

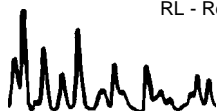
Project: DFSP NORWALK GWM / 743447

Page 13 of 13

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-24,456	N/A	Aqueous	GC/MS X	02/16/08	02/16/08 12:36	080216L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	1.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	98	74-146		
Toluene-d8	98	88-112			1,4-Bromofluorobenzene	94	74-110		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





## Quality Control - Spike/Spike Duplicate



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

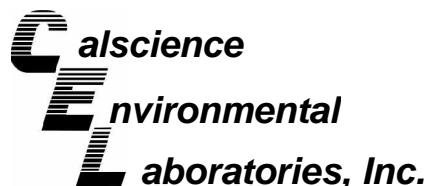
Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project DFSP NORWALK GWM / 743447

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GMW-61-0208	Aqueous	GC 22	02/12/08	02/12/08	080212S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	105	100	68-122	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - Spike/Spike Duplicate



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B

Project DFSP NORWALK GWM / 743447

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GMW-60-0208	Aqueous	GC/MS X	02/13/08	02/14/08	080213S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	76	82	88-118	1	0-7	3
Carbon Tetrachloride	89	87	67-145	2	0-11	
Chlorobenzene	92	94	88-118	2	0-7	
1,2-Dibromoethane	98	98	70-130	0	0-30	
1,2-Dichlorobenzene	95	93	86-116	2	0-8	
1,1-Dichloroethene	85	96	70-130	12	0-25	
Ethylbenzene	90	93	70-130	1	0-30	
Toluene	94	98	87-123	4	0-8	
Trichloroethene	91	93	79-127	2	0-10	
Vinyl Chloride	77	78	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	115	113	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	120	111	36-168	8	0-45	
Diisopropyl Ether (DIPE)	107	109	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	108	108	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	109	72-126	2	0-12	
Ethanol	107	97	53-149	10	0-31	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - Spike/Spike Duplicate



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

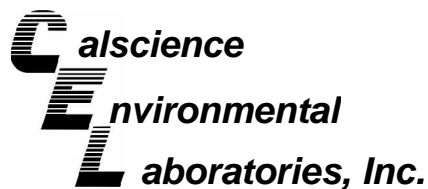
Date Received: 02/09/08  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B

Project DFSP NORWALK GWM / 743447

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-0825-3	Aqueous	GC/MS X	02/16/08	02/16/08	080216S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	89	88-118	10	0-7	4
Carbon Tetrachloride	89	76	67-145	15	0-11	4
Chlorobenzene	101	95	88-118	6	0-7	
1,2-Dibromoethane	101	97	70-130	4	0-30	
1,2-Dichlorobenzene	101	96	86-116	5	0-8	
1,1-Dichloroethene	85	90	70-130	5	0-25	
Ethylbenzene	104	91	70-130	13	0-30	
Toluene	105	96	87-123	9	0-8	4
Trichloroethene	100	89	79-127	11	0-10	4
Vinyl Chloride	102	90	69-129	13	0-13	
Methyl-t-Butyl Ether (MTBE)	107	102	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	95	105	36-168	10	0-45	
Diisopropyl Ether (DIPE)	108	104	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	105	100	72-126	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	108	103	72-126	5	0-12	
Ethanol	105	119	53-149	13	0-31	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

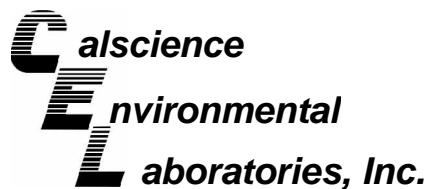
Date Received: N/A  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-247-1,548	Aqueous	GC 22	02/12/08	02/12/08	080212B01

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Gasoline	100	103	78-120	3	0-10	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

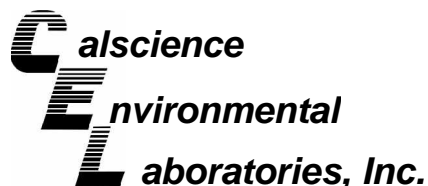
Date Received: N/A  
Work Order No: 08-02-0667  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: DFSP NORWALK GWM / 743447

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-382-22	Aqueous	GC 23	02/12/08	02/12/08	080212B07

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Fuel Product	92	92	75-117	0	0-13	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

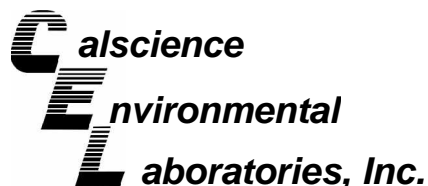
Date Received: N/A  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B

Project: DFSP NORWALK GWM / 743447

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,427	Aqueous	GC/MS X	02/13/08	02/13/08	080213L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	94	84-120	2	0-8	
Carbon Tetrachloride	93	90	63-147	3	0-10	
Chlorobenzene	98	96	89-119	2	0-7	
1,2-Dibromoethane	102	98	80-120	4	0-20	
1,2-Dichlorobenzene	95	94	89-119	1	0-9	
1,1-Dichloroethene	101	98	77-125	3	0-16	
Ethylbenzene	100	98	80-120	2	0-20	
Toluene	102	98	83-125	4	0-9	
Trichloroethene	100	98	89-119	1	0-8	
Vinyl Chloride	79	76	63-135	3	0-13	
Methyl-t-Butyl Ether (MTBE)	108	102	82-118	5	0-13	
Tert-Butyl Alcohol (TBA)	122	109	46-154	11	0-32	
Diisopropyl Ether (DIPE)	108	103	81-123	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	105	99	74-122	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	101	76-124	4	0-10	
Ethanol	119	105	60-138	13	0-32	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Parsons, Inc.  
100 West Walnut Street  
Pasadena, CA 91124-0002

Date Received: N/A  
Work Order No: 08-02-0667  
Preparation: EPA 5030B  
Method: EPA 8260B

Project: DFSP NORWALK GWM / 743447

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,456	Aqueous	GC/MS X	02/16/08	02/16/08	080216L01

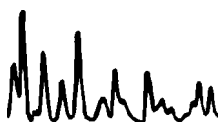
Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	98	84-120	2	0-8	
Carbon Tetrachloride	84	91	63-147	8	0-10	
Chlorobenzene	98	100	89-119	2	0-7	
1,2-Dibromoethane	94	95	80-120	1	0-20	
1,2-Dichlorobenzene	100	102	89-119	1	0-9	
1,1-Dichloroethene	97	100	77-125	2	0-16	
Ethylbenzene	100	104	80-120	4	0-20	
Toluene	104	104	83-125	0	0-9	
Trichloroethene	94	99	89-119	5	0-8	
Vinyl Chloride	92	100	63-135	9	0-13	
Methyl-t-Butyl Ether (MTBE)	101	105	82-118	4	0-13	
Tert-Butyl Alcohol (TBA)	99	101	46-154	2	0-32	
Diisopropyl Ether (DIPE)	107	112	81-123	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	100	105	74-122	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	106	76-124	1	0-10	
Ethanol	110	112	60-138	2	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 08-02-0667

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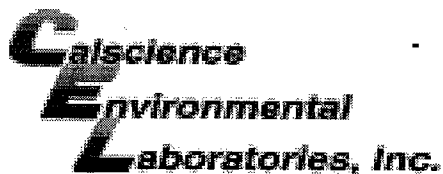
<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.











WORK ORDER #: 08 - 02 - 0667

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: PARSONS

DATE: 2/19/08

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
°C Temperature blank.

LABORATORY (Other than CalScience Courier):

- °C Temperature blank.
3.0 °C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Present: [check]

Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: [Signature]

COMMENTS:

Blank lines for comments.





# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474  
Date Received 02/23/08

Job#: KMEP-Norwalk

Total Petroleum Hydrocarbons - Extractable (TPH-E) EPA Method SW8015B  
Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID : <b>GMW-0-16</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/25/08
Lab ID : GMT08022522-01A	Surr: Nonane	99	(46-148) %REC	02/20/08	02/25/08
	TPH-P (GRO)	ND	0.050 mg/L	02/20/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC	02/20/08	02/27/08
	Surr: Toluene-d8	100	(80-120) %REC	02/20/08	02/27/08
	Surr: 4-Bromofluorobenzene	97	(80-120) %REC	02/20/08	02/27/08
Client ID : <b>GMW-36</b>	TPH-E (Fuel Product)	9.1	0.10 mg/L	02/20/08	02/26/08
Lab ID : GMT08022522-02A	Surr: Nonane	129	(46-148) %REC	02/20/08	02/26/08
	TPH-P (GRO)	34	5.0 mg/L	02/20/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	82	(75-128) %REC	02/20/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/20/08	02/27/08
	Surr: 4-Bromofluorobenzene	99	(80-120) %REC	02/20/08	02/27/08
Client ID : <b>MW-8</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/26/08
Lab ID : GMT08022522-03A	Surr: Nonane	102	(46-148) %REC	02/20/08	02/26/08
	TPH-P (GRO)	ND	0.050 mg/L	02/20/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	84	(75-128) %REC	02/20/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/20/08	02/27/08
	Surr: 4-Bromofluorobenzene	96	(80-120) %REC	02/20/08	02/27/08
Client ID : <b>GMW-39</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/26/08
Lab ID : GMT08022522-04A	Surr: Nonane	105	(46-148) %REC	02/20/08	02/26/08
	TPH-P (GRO)	0.11	0.050 mg/L	02/20/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC	02/20/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/20/08	02/27/08
	Surr: 4-Bromofluorobenzene	99	(80-120) %REC	02/20/08	02/27/08
Client ID : <b>EXP-1</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/26/08
Lab ID : GMT08022522-05A	Surr: Nonane	107	(46-148) %REC	02/20/08	02/26/08
	TPH-P (GRO)	ND	0.050 mg/L	02/20/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC	02/20/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/20/08	02/27/08
	Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/20/08	02/27/08
Client ID : <b>GMW-0-14</b>	TPH-E (Fuel Product)	7.7	0.10 mg/L	02/20/08	02/26/08
Lab ID : GMT08022522-06A	Surr: Nonane	108	(46-148) %REC	02/20/08	02/26/08
	TPH-P (GRO)	35	10 mg/L	02/20/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC	02/20/08	02/27/08
	Surr: Toluene-d8	96	(80-120) %REC	02/20/08	02/27/08
	Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/20/08	02/27/08
Client ID : <b>PZ-5</b>	TPH-E (Fuel Product)	0.56	0.10 mg/L	02/20/08	02/26/08
Lab ID : GMT08022522-07A	Surr: Nonane	106	(46-148) %REC	02/20/08	02/26/08
	TPH-P (GRO)	0.94	0.20 mg/L	02/20/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC	02/20/08	02/27/08
	Surr: Toluene-d8	99	(80-120) %REC	02/20/08	02/27/08
	Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/20/08	02/27/08



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Client ID :	<b>EXP-5</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/26/08
Lab ID :	GMT08022522-08A	Surr: Nonane	101	(46-148) %REC	02/20/08	02/26/08
		TPH-P (GRO)	ND	0.050 mg/L	02/20/08	02/27/08
		Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC	02/20/08	02/27/08
		Surr: Toluene-d8	99	(80-120) %REC	02/20/08	02/27/08
		Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/20/08	02/27/08
Client ID :	<b>GMW-0-3</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/26/08
Lab ID :	GMT08022522-09A	Surr: Nonane	101	(46-148) %REC	02/20/08	02/26/08
		TPH-P (GRO)	0.096	0.050 mg/L	02/20/08	02/27/08
		Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC	02/20/08	02/27/08
		Surr: Toluene-d8	98	(80-120) %REC	02/20/08	02/27/08
		Surr: 4-Bromofluorobenzene	100	(80-120) %REC	02/20/08	02/27/08
Client ID :	<b>GMW-0-2</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/26/08
Lab ID :	GMT08022522-10A	Surr: Nonane	104	(46-148) %REC	02/20/08	02/26/08
		TPH-P (GRO)	ND	0.050 mg/L	02/20/08	02/27/08
		Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC	02/20/08	02/27/08
		Surr: Toluene-d8	98	(80-120) %REC	02/20/08	02/27/08
		Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/20/08	02/27/08
Client ID :	<b>GMW-0-1</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/20/08	02/26/08
Lab ID :	GMT08022522-11A	Surr: Nonane	106	(46-148) %REC	02/20/08	02/26/08
		TPH-P (GRO)	ND	0.050 mg/L	02/20/08	02/27/08
		Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC	02/20/08	02/27/08
		Surr: Toluene-d8	99	(80-120) %REC	02/20/08	02/27/08
		Surr: 4-Bromofluorobenzene	100	(80-120) %REC	02/20/08	02/27/08
Client ID :	<b>ZDS-1</b>	TPH-E (Fuel Product)	11	**	0.10 mg/L	02/20/08
Lab ID :	GMT08022522-12A	Surr: Nonane	119		(46-148) %REC	02/20/08
		TPH-P (GRO)	35		10 mg/L	02/20/08
		Surr: 1,2-Dichloroethane-d4	84		(75-128) %REC	02/20/08
		Surr: Toluene-d8	97		(80-120) %REC	02/20/08
		Surr: 4-Bromofluorobenzene	100		(80-120) %REC	02/20/08
Client ID :	<b>ZDS-2</b>	TPH-E (Fuel Product)	0.53	*	0.10 mg/L	02/20/08
Lab ID :	GMT08022522-13A	Surr: Nonane	113		(46-148) %REC	02/20/08
		TPH-P (GRO)	1.0		0.20 mg/L	02/20/08
		Surr: 1,2-Dichloroethane-d4	83		(75-128) %REC	02/20/08
		Surr: Toluene-d8	98		(80-120) %REC	02/20/08
		Surr: 4-Bromofluorobenzene	98		(80-120) %REC	02/20/08

\* Note: Reported TPH-E (Fuel Product) is composed primarily of diesel range hydrocarbons.

\*\*Note: Reported TPH-E (Fuel Product) may contain undifferentiated diesel range hydrocarbons.

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

*Roger Scholl*      *Randy Gardner*      *Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer

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Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

3/4/08

Report Date



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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-01A  
Client I.D. Number: GMW-0-16

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	0.68	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	100	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	97	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-02A  
Client I.D. Number: GMW-36

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	50 µg/L	36 2-Hexanone	ND	500 µg/L
2 Chloromethane	ND	200 µg/L	37 Dibromochloromethane	ND	50 µg/L
3 Vinyl chloride	ND	50 µg/L	38 1,2-Dibromoethane (EDB)	ND	200 µg/L
4 Chloroethane	ND	50 µg/L	39 Tetrachloroethene	ND	50 µg/L
5 Bromomethane	ND	200 µg/L	40 1,1,1,2-Tetrachloroethane	ND	50 µg/L
6 Trichlorofluoromethane	ND	50 µg/L	41 Chlorobenzene	ND	50 µg/L
7 Acetone	ND	1,000 µg/L	42 Ethylbenzene	750	25 µg/L
8 1,1-Dichloroethene	ND	50 µg/L	43 m,p-Xylene	3,100	25 µg/L
9 Dichloromethane	ND	200 µg/L	44 Bromoform	ND	50 µg/L
10 Freon-113	ND	50 µg/L	45 Styrene	ND	50 µg/L
11 Carbon disulfide	ND	250 µg/L	46 o-Xylene	1,500	25 µg/L
12 trans-1,2-Dichloroethene	ND	50 µg/L	47 1,1,2,2-Tetrachloroethane	ND	50 µg/L
13 Methyl tert-butyl ether (MTBE)	43	25 µg/L	48 1,2,3-Trichloropropane	ND	200 µg/L
14 1,1-Dichloroethane	ND	50 µg/L	49 Isopropylbenzene	ND	50 µg/L
15 Vinyl acetate	ND	5,000 µg/L	50 Bromobenzene	ND	50 µg/L
16 2-Butanone (MEK)	ND	1,000 µg/L	51 n-Propylbenzene	ND	50 µg/L
17 cis-1,2-Dichloroethene	ND	50 µg/L	52 4-Chlorotoluene	ND	50 µg/L
18 Bromochloromethane	ND	50 µg/L	53 2-Chlorotoluene	ND	50 µg/L
19 Chloroform	ND	50 µg/L	54 1,3,5-Trimethylbenzene	340	50 µg/L
20 2,2-Dichloropropane	ND	50 µg/L	55 tert-Butylbenzene	ND	50 µg/L
21 1,2-Dichloroethane	ND	50 µg/L	56 1,2,4-Trimethylbenzene	990	50 µg/L
22 1,1,1-Trichloroethane	ND	50 µg/L	57 sec-Butylbenzene	ND	50 µg/L
23 1,1-Dichloropropene	ND	50 µg/L	58 1,3-Dichlorobenzene	ND	50 µg/L
24 Carbon tetrachloride	ND	50 µg/L	59 1,4-Dichlorobenzene	ND	50 µg/L
25 Benzene	3,900	25 µg/L	60 4-Isopropyltoluene	ND	50 µg/L
26 Dibromomethane	ND	50 µg/L	61 1,2-Dichlorobenzene	ND	50 µg/L
27 1,2-Dichloropropane	ND	50 µg/L	62 n-Butylbenzene	ND	50 µg/L
28 Trichloroethene	ND	50 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	300 µg/L
29 Bromodichloromethane	ND	50 µg/L	64 1,2,4-Trichlorobenzene	ND	200 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	250 µg/L	65 Naphthalene	300	200 µg/L
31 cis-1,3-Dichloropropene	ND	50 µg/L	66 1,2,3-Trichlorobenzene	ND	200 µg/L
32 trans-1,3-Dichloropropene	ND	50 µg/L	67 Surr: 1,2-Dichloroethane-d4	82	(75-128) %REC
33 1,1,2-Trichloroethane	ND	50 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	6,000	25 µg/L	69 Surr: 4-Bromofluorobenzene	99	(80-120) %REC
35 1,3-Dichloropropane	ND	50 µg/L			

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

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## ANALYTICAL REPORT

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Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-03A  
Client I.D. Number: MW-8

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	1.7	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	84	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	96	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

3/4/08

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Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-04A  
Client I.D. Number: GMW-39

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	2.9	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	99	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

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# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-05A  
Client I.D. Number: EXP-1

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethane	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

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3/4/08

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# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-06A  
Client I.D. Number: GMW-0-14

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	100 µg/L	36 2-Hexanone	ND	1,000 µg/L
2 Chloromethane	ND	400 µg/L	37 Dibromochloromethane	ND	100 µg/L
3 Vinyl chloride	ND	100 µg/L	38 1,2-Dibromoethane (EDB)	ND	400 µg/L
4 Chloroethane	ND	100 µg/L	39 Tetrachloroethene	ND	100 µg/L
5 Bromomethane	ND	400 µg/L	40 1,1,1,2-Tetrachloroethane	ND	100 µg/L
6 Trichlorofluoromethane	ND	100 µg/L	41 Chlorobenzene	ND	100 µg/L
7 Acetone	ND	2,000 µg/L	42 Ethylbenzene	1,200	50 µg/L
8 1,1-Dichloroethene	ND	100 µg/L	43 m,p-Xylene	2,000	50 µg/L
9 Dichloromethane	ND	400 µg/L	44 Bromoform	ND	100 µg/L
10 Freon-113	ND	100 µg/L	45 Styrene	ND	100 µg/L
11 Carbon disulfide	ND	500 µg/L	46 o-Xylene	1,400	50 µg/L
12 trans-1,2-Dichloroethene	ND	100 µg/L	47 1,1,2,2-Tetrachloroethane	ND	100 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	50 µg/L	48 1,2,3-Trichloropropane	ND	400 µg/L
14 1,1-Dichloroethane	ND	100 µg/L	49 Isopropylbenzene	ND	100 µg/L
15 Vinyl acetate	ND	10,000 µg/L	50 Bromobenzene	ND	100 µg/L
16 2-Butanone (MEK)	ND	2,000 µg/L	51 n-Propylbenzene	110	100 µg/L
17 cis-1,2-Dichloroethene	ND	100 µg/L	52 4-Chlorotoluene	ND	100 µg/L
18 Bromochloromethane	ND	100 µg/L	53 2-Chlorotoluene	ND	100 µg/L
19 Chloroform	ND	100 µg/L	54 1,3,5-Trimethylbenzene	130	100 µg/L
20 2,2-Dichloropropane	ND	100 µg/L	55 tert-Butylbenzene	ND	100 µg/L
21 1,2-Dichloroethane	ND	100 µg/L	56 1,2,4-Trimethylbenzene	1,200	100 µg/L
22 1,1,1-Trichloroethane	ND	100 µg/L	57 sec-Butylbenzene	ND	100 µg/L
23 1,1-Dichloropropene	ND	100 µg/L	58 1,3-Dichlorobenzene	ND	100 µg/L
24 Carbon tetrachloride	ND	100 µg/L	59 1,4-Dichlorobenzene	ND	100 µg/L
25 Benzene	7,900	50 µg/L	60 4-Isopropyltoluene	ND	100 µg/L
26 Dibromomethane	ND	100 µg/L	61 1,2-Dichlorobenzene	ND	100 µg/L
27 1,2-Dichloropropane	ND	100 µg/L	62 n-Butylbenzene	ND	100 µg/L
28 Trichloroethene	ND	100 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	600 µg/L
29 Bromodichloromethane	ND	100 µg/L	64 1,2,4-Trichlorobenzene	ND	400 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	500 µg/L	65 Naphthalene	ND	400 µg/L
31 cis-1,3-Dichloropropene	ND	100 µg/L	66 1,2,3-Trichlorobenzene	ND	400 µg/L
32 trans-1,3-Dichloropropene	ND	100 µg/L	67 Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC
33 1,1,2-Trichloroethane	ND	100 µg/L	68 Surr: Toluene-d8	96	(80-120) %REC
34 Toluene	1,900	50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	100 µg/L			

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-07A  
Client I.D. Number: PZ-5

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	2.0 µg/L	36 2-Hexanone	ND	20 µg/L
2 Chloromethane	ND	8.0 µg/L	37 Dibromochloromethane	ND	2.0 µg/L
3 Vinyl chloride	ND	2.0 µg/L	38 1,2-Dibromoethane (EDB)	ND	8.0 µg/L
4 Chloroethane	ND	2.0 µg/L	39 Tetrachloroethene	ND	2.0 µg/L
5 Bromomethane	ND	8.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	2.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	2.0 µg/L
7 Acetone	ND	40 µg/L	42 Ethylbenzene	ND	1.0 µg/L
8 1,1-Dichloroethene	ND	2.0 µg/L	43 m,p-Xylene	ND	1.0 µg/L
9 Dichloromethane	ND	8.0 µg/L	44 Bromoform	ND	2.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	2.0 µg/L
11 Carbon disulfide	ND	10 µg/L	46 o-Xylene	ND	1.0 µg/L
12 trans-1,2-Dichloroethene	ND	2.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	2.0 µg/L
13 Methyl tert-butyl ether (MTBE)	750	1.0 µg/L	48 1,2,3-Trichloropropane	ND	8.0 µg/L
14 1,1-Dichloroethane	ND	2.0 µg/L	49 Isopropylbenzene	ND	2.0 µg/L
15 Vinyl acetate	ND	200 µg/L	50 Bromobenzene	ND	2.0 µg/L
16 2-Butanone (MEK)	ND	40 µg/L	51 n-Propylbenzene	ND	2.0 µg/L
17 cis-1,2-Dichloroethene	ND	2.0 µg/L	52 4-Chlorotoluene	ND	2.0 µg/L
18 Bromochloromethane	ND	2.0 µg/L	53 2-Chlorotoluene	ND	2.0 µg/L
19 Chloroform	ND	2.0 µg/L	54 1,3,5-Trimethylbenzene	ND	2.0 µg/L
20 2,2-Dichloropropane	ND	2.0 µg/L	55 tert-Butylbenzene	ND	2.0 µg/L
21 1,2-Dichloroethane	ND	2.0 µg/L	56 1,2,4-Trimethylbenzene	ND	2.0 µg/L
22 1,1,1-Trichloroethane	ND	2.0 µg/L	57 sec-Butylbenzene	ND	2.0 µg/L
23 1,1-Dichloropropene	ND	2.0 µg/L	58 1,3-Dichlorobenzene	ND	2.0 µg/L
24 Carbon tetrachloride	ND	2.0 µg/L	59 1,4-Dichlorobenzene	ND	2.0 µg/L
25 Benzene	ND	1.0 µg/L	60 4-Isopropyltoluene	ND	2.0 µg/L
26 Dibromomethane	ND	2.0 µg/L	61 1,2-Dichlorobenzene	ND	2.0 µg/L
27 1,2-Dichloropropane	ND	2.0 µg/L	62 n-Butylbenzene	ND	2.0 µg/L
28 Trichloroethene	ND	2.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	12 µg/L
29 Bromodichloromethane	ND	2.0 µg/L	64 1,2,4-Trichlorobenzene	ND	8.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	2.0 µg/L	66 1,2,3-Trichlorobenzene	ND	8.0 µg/L
32 trans-1,3-Dichloropropene	ND	2.0 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	2.0 µg/L	68 Surr: Toluene-d8	99	(80-120) %REC
34 Toluene	ND	1.0 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	2.0 µg/L			

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-08A  
Client I.D. Number: EXP-5

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	99	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-09A  
Client I.D. Number: GMW-0-3

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethane	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	100	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

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# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-10A  
Client I.D. Number: GMW-0-2

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

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Page 1 of 1



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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-11A  
Client I.D. Number: GMW-0-1

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	99	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	100	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

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# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-12A  
Client I.D. Number: ZDS-1

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	100 µg/L	36 2-Hexanone	ND	1,000 µg/L
2 Chloromethane	ND	400 µg/L	37 Dibromochloromethane	ND	100 µg/L
3 Vinyl chloride	ND	100 µg/L	38 1,2-Dibromoethane (EDB)	ND	400 µg/L
4 Chloroethane	ND	100 µg/L	39 Tetrachloroethene	ND	100 µg/L
5 Bromomethane	ND	400 µg/L	40 1,1,1,2-Tetrachloroethane	ND	100 µg/L
6 Trichlorofluoromethane	ND	100 µg/L	41 Chlorobenzene	ND	100 µg/L
7 Acetone	2,000 µg/L		42 Ethylbenzene	1,200	50 µg/L
8 1,1-Dichloroethene	ND	100 µg/L	43 m,p-Xylene	2,000	50 µg/L
9 Dichloromethane	ND	400 µg/L	44 Bromoform	ND	100 µg/L
10 Freon-113	ND	100 µg/L	45 Styrene	ND	100 µg/L
11 Carbon disulfide	ND	500 µg/L	46 o-Xylene	1,400	50 µg/L
12 trans-1,2-Dichloroethene	ND	100 µg/L	47 1,1,2,2-Tetrachloroethane	ND	100 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	50 µg/L	48 1,2,3-Trichloropropane	ND	400 µg/L
14 1,1-Dichloroethane	ND	100 µg/L	49 Isopropylbenzene	ND	100 µg/L
15 Vinyl acetate	ND	10,000 µg/L	50 Bromobenzene	ND	100 µg/L
16 2-Butanone (MEK)	ND	2,000 µg/L	51 n-Propylbenzene	100	100 µg/L
17 cis-1,2-Dichloroethene	ND	100 µg/L	52 4-Chlorotoluene	ND	100 µg/L
18 Bromochloromethane	ND	100 µg/L	53 2-Chlorotoluene	ND	100 µg/L
19 Chloroform	ND	100 µg/L	54 1,3,5-Trimethylbenzene	140	100 µg/L
20 2,2-Dichloropropane	ND	100 µg/L	55 tert-Butylbenzene	ND	100 µg/L
21 1,2-Dichloroethane	ND	100 µg/L	56 1,2,4-Trimethylbenzene	1,200	100 µg/L
22 1,1,1-Trichloroethane	ND	100 µg/L	57 sec-Butylbenzene	ND	100 µg/L
23 1,1-Dichloropropene	ND	100 µg/L	58 1,3-Dichlorobenzene	ND	100 µg/L
24 Carbon tetrachloride	ND	100 µg/L	59 1,4-Dichlorobenzene	ND	100 µg/L
25 Benzene	7,700	50 µg/L	60 4-Isopropyltoluene	ND	100 µg/L
26 Dibromomethane	ND	100 µg/L	61 1,2-Dichlorobenzene	ND	100 µg/L
27 1,2-Dichloropropane	ND	100 µg/L	62 n-Butylbenzene	ND	100 µg/L
28 Trichloroethene	ND	100 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	600 µg/L
29 Bromodichloromethane	ND	100 µg/L	64 1,2,4-Trichlorobenzene	ND	400 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	500 µg/L	65 Naphthalene	ND	400 µg/L
31 cis-1,3-Dichloropropene	ND	100 µg/L	66 1,2,3-Trichlorobenzene	ND	400 µg/L
32 trans-1,3-Dichloropropene	ND	100 µg/L	67 Surr: 1,2-Dichloroethane-d4	84	(75-128) %REC
33 1,1,2-Trichloroethane	ND	100 µg/L	68 Surr: Toluene-d8	97	(80-120) %REC
34 Toluene	1,900	50 µg/L	69 Surr: 4-Bromofluorobenzene	100	(80-120) %REC
35 1,3-Dichloropropane	ND	100 µg/L			

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022522-13A  
Client I.D. Number: ZDS-2

Sampled: 02/20/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	2.0 µg/L	36 2-Hexanone	ND	20 µg/L
2 Chloromethane	ND	8.0 µg/L	37 Dibromochloromethane	ND	2.0 µg/L
3 Vinyl chloride	ND	2.0 µg/L	38 1,2-Dibromoethane (EDB)	ND	8.0 µg/L
4 Chloroethane	ND	2.0 µg/L	39 Tetrachloroethene	ND	2.0 µg/L
5 Bromomethane	ND	8.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	2.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	2.0 µg/L
7 Acetone	ND	40 µg/L	42 Ethylbenzene	ND	1.0 µg/L
8 1,1-Dichloroethene	ND	2.0 µg/L	43 m,p-Xylene	ND	1.0 µg/L
9 Dichloromethane	ND	8.0 µg/L	44 Bromoform	ND	2.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	2.0 µg/L
11 Carbon disulfide	ND	10 µg/L	46 o-Xylene	ND	1.0 µg/L
12 trans-1,2-Dichloroethene	ND	2.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	2.0 µg/L
13 Methyl tert-butyl ether (MTBE)	780	1.0 µg/L	48 1,2,3-Trichloropropane	ND	8.0 µg/L
14 1,1-Dichloroethane	ND	2.0 µg/L	49 Isopropylbenzene	ND	2.0 µg/L
15 Vinyl acetate	ND	200 µg/L	50 Bromobenzene	ND	2.0 µg/L
16 2-Butanone (MEK)	ND	40 µg/L	51 n-Propylbenzene	ND	2.0 µg/L
17 cis-1,2-Dichloroethene	ND	2.0 µg/L	52 4-Chlorotoluene	ND	2.0 µg/L
18 Bromochloromethane	ND	2.0 µg/L	53 2-Chlorotoluene	ND	2.0 µg/L
19 Chloroform	ND	2.0 µg/L	54 1,3,5-Trimethylbenzene	ND	2.0 µg/L
20 2,2-Dichloropropane	ND	2.0 µg/L	55 tert-Butylbenzene	ND	2.0 µg/L
21 1,2-Dichloroethane	ND	2.0 µg/L	56 1,2,4-Trimethylbenzene	ND	2.0 µg/L
22 1,1,1-Trichloroethane	ND	2.0 µg/L	57 sec-Butylbenzene	ND	2.0 µg/L
23 1,1-Dichloropropene	ND	2.0 µg/L	58 1,3-Dichlorobenzene	ND	2.0 µg/L
24 Carbon tetrachloride	ND	2.0 µg/L	59 1,4-Dichlorobenzene	ND	2.0 µg/L
25 Benzene	ND	1.0 µg/L	60 4-Isopropyltoluene	ND	2.0 µg/L
26 Dibromomethane	ND	2.0 µg/L	61 1,2-Dichlorobenzene	ND	2.0 µg/L
27 1,2-Dichloropropane	ND	2.0 µg/L	62 n-Butylbenzene	ND	2.0 µg/L
28 Trichloroethene	ND	2.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	12 µg/L
29 Bromodichloromethane	ND	2.0 µg/L	64 1,2,4-Trichlorobenzene	ND	8.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	2.0 µg/L	66 1,2,3-Trichlorobenzene	ND	8.0 µg/L
32 trans-1,3-Dichloropropene	ND	2.0 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	2.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	1.0 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	2.0 µg/L			

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

  
3/4/08

Report Date



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## VOC Sample Preservation Report

Work Order: GMT08022522

Project: KMEP-Norwalk

Alpha's Sample ID	Client's Sample ID	Matrix	pH
08022522-01A	GMW-0-16	Aqueous	2
08022522-02A	GMW-36	Aqueous	2
08022522-03A	MW-8	Aqueous	2
08022522-04A	GMW-39	Aqueous	2
08022522-05A	EXP-1	Aqueous	2
08022522-06A	GMW-0-14	Aqueous	2
08022522-07A	PZ-5	Aqueous	2
08022522-08A	EXP-5	Aqueous	2
08022522-09A	GMW-0-3	Aqueous	2
08022522-10A	GMW-0-2	Aqueous	2
08022522-11A	GMW-0-1	Aqueous	2
08022522-12A	ZDS-1	Aqueous	2
08022522-13A	ZDS-2	Aqueous	2

3/4/08

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
03-Mar-08

## QC Summary Report

Work Order:  
08022522

### Method Blank

Method Blank		Type	Test Code: EPA Method SW8015							
File ID:		MBLK	Batch ID: 19345				Analysis Date: 02/25/2008 16:24			
Sample ID:	MBLK-19345	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (Fuel Product)	ND	0.1								
Surr: Nonane	98.4		100		98	46	148			

### Laboratory Control Spike

Laboratory Control Spike		Type	Test Code: EPA Method SW8015							
File ID:		LCS	Batch ID: 19345				Analysis Date: 02/25/2008 16:48			
Sample ID:	LCS-19345	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2.4	0.5	2.5		96	65	130			
Surr: Nonane	106		100		106	46	148			

### Sample Matrix Spike

Sample Matrix Spike		Type	Test Code: EPA Method SW8015							
File ID:		MS	Batch ID: 19345				Analysis Date: 02/25/2008 17:38			
Sample ID:	08022523-01AMS	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2.56	0.5	2.5	0	102	37	164			
Surr: Nonane	101		100		101	46	148			

### Sample Matrix Spike Duplicate

Sample Matrix Spike Duplicate		Type	Test Code: EPA Method SW8015							
File ID:		MSD	Batch ID: 19345				Analysis Date: 02/25/2008 18:02			
Sample ID:	08022523-01AMSD	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2.41	0.5	2.5	0	96	37	164	2.56	6.0(20)	
Surr: Nonane	104		100		104	46	148			

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
03-Mar-08

## QC Summary Report

Work Order:  
08022522

### Method Blank

File ID: 08022705.D

Type **MBLK** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 11:00**

Sample ID: **MBLK MS08W0227B**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	0.05								
Surr: 1,2-Dichloroethane-d4	0.00817		0.01		82	75	128			
Surr: Toluene-d8	0.00979		0.01		98	80	120			
Surr: 4-Bromofluorobenzene	0.00947		0.01		95	80	120			

### Laboratory Control Spike

File ID: 08022707.D

Type **LCS** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 11:43**

Sample ID: **GLCS MS08W0227B**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.414	0.05	0.4		104	70	130			
Surr: 1,2-Dichloroethane-d4	0.0082		0.01		82	75	128			
Surr: Toluene-d8	0.00969		0.01		97	80	120			
Surr: 4-Bromofluorobenzene	0.00961		0.01		96	80	120			

### Sample Matrix Spike

File ID: 08022712.D

Type **MS** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 13:40**

Sample ID: **08022522-01AGS**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.01	0.25	2	0	101	60	131			
Surr: 1,2-Dichloroethane-d4	0.0418		0.05		84	75	128			
Surr: Toluene-d8	0.0485		0.05		97	80	120			
Surr: 4-Bromofluorobenzene	0.0476		0.05		95	80	120			

### Sample Matrix Spike Duplicate

File ID: 08022713.D

Type **MSD** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 14:01**

Sample ID: **08022522-01AGSD**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1.96	0.25	2	0	98	60	131	2.012	2.4(20)	
Surr: 1,2-Dichloroethane-d4	0.0422		0.05		84	75	128			
Surr: Toluene-d8	0.0488		0.05		98	80	120			
Surr: 4-Bromofluorobenzene	0.0479		0.05		96	80	120			

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
03-Mar-08

## QC Summary Report

Work Order:  
08022522

### Method Blank

Type **MBLK** Test Code: **EPA Method 624/SW8260B**

File ID: **08022705.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 11:00**

Sample ID: **MBLK MS08W0227A**

Units : **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dichlorodifluoromethane	ND		1							
Chloromethane	ND		2							
Vinyl chloride	ND		0.5							
Chloroethane	ND		1							
Bromomethane	ND		2							
Trichlorofluoromethane	ND		10							
Acetone	ND		10							
1,1-Dichloroethene	ND		1							
Dichloromethane	ND		5							
Freon-113	ND		10							
Carbon disulfide	ND		2.5							
trans-1,2-Dichloroethene	ND		1							
Methyl tert-butyl ether (MTBE)	ND		0.5							
1,1-Dichloroethane	ND		1							
Vinyl acetate	ND		50							
2-Butanone (MEK)	ND		10							
cis-1,2-Dichloroethene	ND		1							
Bromochloromethane	ND		1							
Chloroform	ND		1							
2,2-Dichloropropane	ND		1							
1,2-Dichloroethane	ND		0.5							
1,1,1-Trichloroethane	ND		1							
1,1-Dichloropropene	ND		1							
Carbon tetrachloride	ND		1							
Benzene	ND		0.5							
Dibromomethane	ND		1							
1,2-Dichloropropane	ND		1							
Trichloroethene	ND		1							
Bromodichloromethane	ND		1							
4-Methyl-2-pentanone (MIBK)	ND		10							
cis-1,3-Dichloropropene	ND		0.5							
trans-1,3-Dichloropropene	ND		0.5							
1,1,2-Trichloroethane	ND		1							
Toluene	ND		0.5							
1,3-Dichloropropane	ND		1							
2-Hexanone	ND		5							J
Dibromochloromethane	ND		1							
1,2-Dibromoethane (EDB)	ND		2							
Tetrachloroethene	ND		1							
1,1,1,2-Tetrachloroethane	ND		1							
Chlorobenzene	ND		1							
Ethylbenzene	ND		0.5							
m,p-Xylene	ND		0.5							
Bromoform	ND		1							
Styrene	ND		1							
o-Xylene	ND		0.5							
1,1,2,2-Tetrachloroethane	ND		1							
1,2,3-Trichloropropane	ND		2							
Isopropylbenzene	ND		1							
Bromobenzene	ND		1							
n-Propylbenzene	ND		1							
4-Chlorotoluene	ND		1							
2-Chlorotoluene	ND		1							
1,3,5-Trimethylbenzene	ND		1							
tert-Butylbenzene	ND		1							
1,2,4-Trimethylbenzene	ND		1							
sec-Butylbenzene	ND		1							
1,3-Dichlorobenzene	ND		1							
1,4-Dichlorobenzene	ND		1							
4-Isopropyltoluene	ND		1							
1,2-Dichlorobenzene	ND		1							
n-Butylbenzene	ND		1							
1,2-Dibromo-3-chloropropane (DBCP)	ND		5							
1,2,4-Trichlorobenzene	ND		2							
Naphthalene	ND		10							



# Alpha Analytical, Inc.

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Date:  
03-Mar-08

## QC Summary Report

Work Order:  
08022522

1,2,3-Trichlorobenzene	ND	2							
Surr: 1,2-Dichloroethane-d4	8.17		10	82	75	128			
Surr: Toluene-d8	9.79		10	98	80	120			
Surr: 4-Bromofluorobenzene	9.47		10	95	80	120			

### Laboratory Control Spike

Type **LCS**

Test Code: **EPA Method 624/SW8260B**

File ID: **08022706.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 11:22**

Sample ID: **LCS MS08W0227A**

Units : **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	8.03	1	10		80	80	120			
Methyl tert-butyl ether (MTBE)	10.8	0.5	10		108	70	130			
Benzene	9.57	0.5	10		96	70	130			
Trichloroethene	9.48	1	10		95	70	130			
Toluene	9.16	0.5	10		92	80	120			
Chlorobenzene	8.96	1	10		90	70	130			
Ethylbenzene	8.93	0.5	10		89	80	120			
m,p-Xylene	8.98	0.5	10		90	70	130			
o-Xylene	9.54	0.5	10		95	70	130			
Surr: 1,2-Dichloroethane-d4	8.55		10		86	75	128			
Surr: Toluene-d8	9.7		10		97	80	120			
Surr: 4-Bromofluorobenzene	9.94		10		99	80	120			

### Sample Matrix Spike

Type **MS**

Test Code: **EPA Method 624/SW8260B**

File ID: **08022709.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 12:36**

Sample ID: **08022522-01AMS**

Units : **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	34.8	2.5	50		0	70	66	132		
Methyl tert-butyl ether (MTBE)	56.3	1.3	50	0.68	111	62	139			
Benzene	48.5	1.3	50		0	97	70	130		
Trichloroethene	46.4	2.5	50		0	93	69	130		
Toluene	46.3	1.3	50		0	93	67	130		
Chlorobenzene	45.8	2.5	50		0	92	70	130		
Ethylbenzene	44.4	1.3	50		0	89	70	130		
m,p-Xylene	45.1	1.3	50		0	90	69	130		
o-Xylene	49.2	1.3	50		0	98	70	130		
Surr: 1,2-Dichloroethane-d4	42.6		50			85	75	128		
Surr: Toluene-d8	48		50			96	80	120		
Surr: 4-Bromofluorobenzene	48		50			96	80	120		

### Sample Matrix Spike Duplicate

Type **MSD**

Test Code: **EPA Method 624/SW8260B**

File ID: **08022710.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 12:57**

Sample ID: **08022522-01AMSD**

Units : **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	43.1	2.5	50		0	86	66	132	34.79	21.3(20) R5
Methyl tert-butyl ether (MTBE)	56.7	1.3	50	0.68	112	62	139	56.33	0.7(20)	
Benzene	49	1.3	50		0	98	70	130	48.51	1.1(20)
Trichloroethene	46.4	2.5	50		0	93	69	130	46.41	0.0(20)
Toluene	46.1	1.3	50		0	92	67	130	46.28	0.3(20)
Chlorobenzene	46.4	2.5	50		0	93	70	130	45.8	1.3(20)
Ethylbenzene	44.6	1.3	50		0	89	70	130	44.37	0.5(20)
m,p-Xylene	45.1	1.3	50		0	90	69	130	45.07	0.0(20)
o-Xylene	48.5	1.3	50		0	97	70	130	49.19	1.5(20)
Surr: 1,2-Dichloroethane-d4	42.6		50			85	75	128		
Surr: Toluene-d8	48		50			96	80	120		
Surr: 4-Bromofluorobenzene	49.8		50			99.6	80	120		

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

R5 = MS/MSD RPD exceed the laboratory control limit. Recovery met acceptance criteria.

# CHAIN-OF-CUSTODY RECORD

# CA

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778  
 TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : GMTC08022522

Report Due By : 5:00 PM On : 05-Mar-08

**Report Attention** Phone Number EMail Address  
 Shioh-Whei Chou (949) 642-0245 x swchou@geomatrix.com

**Client:**  
 Geomatrix Consultants  
 510 Superior Avenue, Suite 200

Newport Beach, CA 92663-3627

PO : KMEP-Norwalk

Client's COC # : 10087

Job : KMEP-Norwalk

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

EDD Required : Yes

Sampled by : Angie Wagner

Cooler Temp Samples Received

23-Feb-08

Date Printed

25-Feb-08

4 °C

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests			Sample Remarks
				Alpha	Sub	TAT	TPHE_W	TPHIP_W	VOC_W	
GMT08022522-01A	GMW-0-16	AQ	02/20/08 00:00	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-02A	GMW-36	AQ	02/20/08 13:00	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-03A	MW-8	AQ	02/20/08 13:25	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-04A	GMW-39	AQ	02/20/08 14:15	7	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-05A	EXP-1	AQ	02/20/08 14:40	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-06A	GMW-0-14	AQ	02/20/08 00:00	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-07A	PZ-5	AQ	02/20/08 16:00	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-08A	EXP-5	AQ	02/20/08 16:30	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	

**Comments:** Samples rec'd Saturday 2/23/08, kept cold and secure until login on Monday. No security seals. Frozen ice. Results to Shioh-Whei Chou in hard copy, EDD and PDF format. Per Angie, all voas preserved w/ HCL.

Signature: *K Murray* Print Name: K Murray Company: Alpha Analytical, Inc. Date/Time: 2/25/08 0935

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report. Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

# CHAIN-OF-CUSTODY RECORD

# CA

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778  
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : GMTCC08022522

Report Due By : 5:00 PM On : 05-Mar-08

**Report Attention** Phone Number EMail Address  
Shiow-Whei Chou (949) 642-0245 x swchou@geomatrix.com

**Client:**  
Geomatrix Consultants  
510 Superior Avenue, Suite 200

Newport Beach, CA 92663-3627

PO : KMEP-Norwalk

Client's COC # : 10087

Job : KMEP-Norwalk

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

EDD Required : Yes

Sampled by : Angie Wagner

Cooler Temp Samples Received Date Printed  
4 °C 23-Feb-08 25-Feb-08

### Requested Tests

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles		TAT	Requested Tests			Sample Remarks
				Alpha	Sub		TPHE_W +Vinyl acetate	TPHIP_W +Vinyl acetate	VOC_W +Vinyl acetate	
GMT08022522-09A	GMW-0-3	AQ	02/20/08 16:45	8	0	7	TPHE(0.10) +Vinyl acetate	TPHIP(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-10A	GMW-0-2	AQ	02/20/08 17:00	8	0	7	TPHE(0.10) +Vinyl acetate	TPHIP(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-11A	GMW-0-1	AQ	02/20/08 17:20	8	0	7	TPHE(0.10) +Vinyl acetate	TPHIP(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-12A	ZDS-1	AQ	02/20/08 00:00	8	0	7	TPHE(0.10) +Vinyl acetate	TPHIP(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022522-13A	ZDS-2	AQ	02/20/08 00:00	8	0	7	TPHE(0.10) +Vinyl acetate	TPHIP(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	

**Comments:** Samples rec'd Saturday 2/23/08, kept cold and secure until login on Monday. No security seals. Frozen ice. Results to Shiow-Whei Chou in hard copy, EDD and PDF format. Per Angie, all voas preserved w/ HCl.

**Logged in by:** *K Murray*      **Signature**      **Print Name**      **Company**      **Date/Time**  
*K Murray*      Alpha Analytical, Inc.      2/25/08 0935

**NOTE:** Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report. Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)      Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other



**Billing Information:**

Name Kinder Morgan Energy Partners  
 Address 1100 Town and Country  
 City, State, Zip Orange, CA 92630  
 Phone Number \_\_\_\_\_ Fax \_\_\_\_\_

**Alpha Analytical, Inc.**  
 255 Glendale Avenue, Suite 21  
 Sparks, Nevada 89431-5778  
 Phone (775) 355-1044  
 Fax (775) 355-0406



Samples Collected From Which State?  
 AZ \_\_\_\_\_ CA  NV \_\_\_\_\_ WA \_\_\_\_\_  
 ID \_\_\_\_\_ OR \_\_\_\_\_ OTHER \_\_\_\_\_

Page # \_\_\_\_\_ of \_\_\_\_\_

Analyses Required

10087

Time Sampled	Date Sampled	Matrix* See Key Below	Office Use Only	Sampled by	Lab ID Number	Sample Description	Report Attention	Total and type of containers		Vocs w/MTBE (82608)	TPH <sub>9</sub> (8015M)	TPH <sub>TP</sub> (8015M)	Required QC Level?				REMARKS	
								TAT	Field Filtered				I	II	III	IV		
				Angie Wagner			Shaw-Wei Chou e geochemistic											
	2/20/08	AQ	GM108022522-01			GMW-0-16		N	No	X	X	X						
1300			02			GMW-36				X	X	X						
1325			03			MW-8				X	X	X						
1415			04			GMW-39				X	X	X						
1440			05			EXP-1				X	X	X						
			06			GMW-0-14				X	X	X						Alpha Analytical Sample Receipt
1600			07			PZ-5				X	X	X						Security Sealed? YES
1630			08			EXP-5				X	X	X						Frozen Ice? YES
1645			09			GMW-0-3				X	X	X						Temperature 4 °C
1700			10			GMW-0-2				X	X	X						
1720			11			GMW-0-1				X	X	X						
-			12			ZDS-1				X	X	X						
-			13			ZDS-2				X	X	X						

**ADDITIONAL INSTRUCTIONS:**

Signature	Print Name	Company	Date	Time
<i>Angie Wagner</i>	Angie Wagner	SECOR	2/20/08	19:00
<i>Pablo Cortez</i>	Pablo Cortez	SECOR	2/20/08	19:00
<i>Pablo Cortez</i>	Pablo Cortez	SECOR	2/21/08	19:00
<i>FEDEX AIR BILL NO. 86231059 9936</i>				
<i>K Murray</i>	K Murray	AAI	2/25/08	0830

\*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other  
 L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other  
 NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474  
Date Received : 02/23/08

Job#: KMED-Norwalk

Total Petroleum Hydrocarbons - Extractable (TPH-E) EPA Method SW8015B  
Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID : <b>WCW-13</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/21/08	02/25/08
Lab ID : GMT08022523-01A	Surr: Nonane	99	(46-148) %REC	02/21/08	02/25/08
	TPH-P (GRO)	ND	0.050 mg/L	02/21/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC	02/21/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/21/08	02/27/08
	Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/21/08	02/27/08
Client ID : <b>MW-SF-1</b>	TPH-E (Fuel Product)	5.6 **	0.10 mg/L	02/21/08	02/25/08
Lab ID : GMT08022523-02A	Surr: Nonane	117	(46-148) %REC	02/21/08	02/25/08
	TPH-P (GRO)	23	10 mg/L	02/21/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	82	(75-128) %REC	02/21/08	02/27/08
	Surr: Toluene-d8	96	(80-120) %REC	02/21/08	02/27/08
	Surr: 4-Bromofluorobenzene	97	(80-120) %REC	02/21/08	02/27/08
Client ID : <b>PZ-10</b>	TPH-E (Fuel Product)	0.51 **	0.10 mg/L	02/21/08	02/25/08
Lab ID : GMT08022523-03A	Surr: Nonane	98	(46-148) %REC	02/21/08	02/25/08
	TPH-P (GRO)	ND O	0.20 mg/L	02/21/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	82	(75-128) %REC	02/21/08	02/27/08
	Surr: Toluene-d8	97	(80-120) %REC	02/21/08	02/27/08
	Surr: 4-Bromofluorobenzene	101	(80-120) %REC	02/21/08	02/27/08
Client ID : <b>EXP-2</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/21/08	02/25/08
Lab ID : GMT08022523-04A	Surr: Nonane	102	(46-148) %REC	02/21/08	02/25/08
	TPH-P (GRO)	ND	0.050 mg/L	02/21/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	84	(75-128) %REC	02/21/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/21/08	02/27/08
	Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/21/08	02/27/08
Client ID : <b>WCW-7</b>	TPH-E (Fuel Product)	0.11	0.10 mg/L	02/21/08	02/25/08
Lab ID : GMT08022523-05A	Surr: Nonane	98	(46-148) %REC	02/21/08	02/25/08
	TPH-P (GRO)	ND	0.050 mg/L	02/21/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	86	(75-128) %REC	02/21/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/21/08	02/27/08
	Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/21/08	02/27/08
Client ID : <b>WCW-3</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/21/08	02/25/08
Lab ID : GMT08022523-06A	Surr: Nonane	102	(46-148) %REC	02/21/08	02/25/08
	TPH-P (GRO)	ND	0.050 mg/L	02/21/08	02/27/08
	Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC	02/21/08	02/27/08
	Surr: Toluene-d8	98	(80-120) %REC	02/21/08	02/27/08
	Surr: 4-Bromofluorobenzene	98	(80-120) %REC	02/21/08	02/27/08
Client ID : <b>EXP-3</b>	TPH-E (Fuel Product)	ND	0.10 mg/L	02/21/08	02/25/08
Lab ID : GMT08022523-07A	Surr: Nonane	100	(46-148) %REC	02/21/08	02/25/08
	TPH-P (GRO)	ND	0.050 mg/L	02/21/08	02/28/08
	Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC	02/21/08	02/28/08
	Surr: Toluene-d8	100	(80-120) %REC	02/21/08	02/28/08
	Surr: 4-Bromofluorobenzene	97	(80-120) %REC	02/21/08	02/28/08



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Client ID :	<b>GMW-1</b>	TPH-E (Fuel Product)	0.69	*	0.10 mg/L	02/21/08	02/25/08
Lab ID :	GMT08022523-08A	Surr: Nonane	107		(46-148) %REC	02/21/08	02/25/08
		TPH-P (GRO)	ND	O	0.20 mg/L	02/21/08	02/28/08
		Surr: 1,2-Dichloroethane-d4	86		(75-128) %REC	02/21/08	02/28/08
		Surr: Toluene-d8	98		(80-120) %REC	02/21/08	02/28/08
		Surr: 4-Bromofluorobenzene	99		(80-120) %REC	02/21/08	02/28/08
Client ID :	<b>MW-SF-4</b>	TPH-E (Fuel Product)	9.9	**	0.10 mg/L	02/21/08	02/25/08
Lab ID :	GMT08022523-09A	Surr: Nonane	115		(46-148) %REC	02/21/08	02/25/08
		TPH-P (GRO)	25		4.0 mg/L	02/21/08	02/28/08
		Surr: 1,2-Dichloroethane-d4	86		(75-128) %REC	02/21/08	02/28/08
		Surr: Toluene-d8	97		(80-120) %REC	02/21/08	02/28/08
		Surr: 4-Bromofluorobenzene	100		(80-120) %REC	02/21/08	02/28/08
Client ID :	<b>Trip Blank</b>	TPH-E (Fuel Product)	ND		0.10 mg/L	02/21/08	02/25/08
Lab ID :	GMT08022523-10A	Surr: Nonane	99		(46-148) %REC	02/21/08	02/25/08
		TPH-P (GRO)	ND		0.050 mg/L	02/21/08	02/28/08
		Surr: 1,2-Dichloroethane-d4	86		(75-128) %REC	02/21/08	02/28/08
		Surr: Toluene-d8	100		(80-120) %REC	02/21/08	02/28/08
		Surr: 4-Bromofluorobenzene	97		(80-120) %REC	02/21/08	02/28/08

\* Note: Reported TPH-E (Fuel Product) is composed primarily of diesel range hydrocarbons.

\*\*Note: Reported TPH-E (Fuel Product) may contain undifferentiated diesel range hydrocarbons.

Gasoline Range Organics (GRO) C4-C13

O = Reporting Limits were increased due to sample foaming.

ND = Not Detected

*Roger Scholl*

*Randy Gardner*

*Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

*178*  
3/4/08

Report Date



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-01A  
Client I.D. Number: WCW-13

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

3/4/08

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-02A  
Client I.D. Number: MW-SF-1

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	100 µg/L	36 2-Hexanone	ND	1,000 µg/L
2 Chloromethane	ND	400 µg/L	37 Dibromochloromethane	ND	100 µg/L
3 Vinyl chloride	ND	100 µg/L	38 1,2-Dibromoethane (EDB)	ND	400 µg/L
4 Chloroethane	ND	100 µg/L	39 Tetrachloroethene	ND	100 µg/L
5 Bromomethane	ND	400 µg/L	40 1,1,1,2-Tetrachloroethane	ND	100 µg/L
6 Trichlorofluoromethane	ND	100 µg/L	41 Chlorobenzene	ND	100 µg/L
7 Acetone	ND	2,000 µg/L	42 Ethylbenzene	530	50 µg/L
8 1,1-Dichloroethene	ND	100 µg/L	43 m,p-Xylene	350	50 µg/L
9 Dichloromethane	ND	400 µg/L	44 Bromoform	ND	100 µg/L
10 Freon-113	ND	100 µg/L	45 Styrene	ND	100 µg/L
11 Carbon disulfide	ND	500 µg/L	46 o-Xylene	150	50 µg/L
12 trans-1,2-Dichloroethene	ND	100 µg/L	47 1,1,2,2-Tetrachloroethane	ND	100 µg/L
13 Methyl tert-butyl ether (MTBE)	1,100	50 µg/L	48 1,2,3-Trichloropropane	ND	400 µg/L
14 1,1-Dichloroethane	ND	100 µg/L	49 Isopropylbenzene	ND	100 µg/L
15 Vinyl acetate	ND	10,000 µg/L	50 Bromobenzene	ND	100 µg/L
16 2-Butanone (MEK)	ND	2,000 µg/L	51 n-Propylbenzene	ND	100 µg/L
17 cis-1,2-Dichloroethene	ND	100 µg/L	52 4-Chlorotoluene	ND	100 µg/L
18 Bromochloromethane	ND	100 µg/L	53 2-Chlorotoluene	ND	100 µg/L
19 Chloroform	ND	100 µg/L	54 1,3,5-Trimethylbenzene	ND	100 µg/L
20 2,2-Dichloropropane	ND	100 µg/L	55 tert-Butylbenzene	ND	100 µg/L
21 1,2-Dichloroethane	ND	100 µg/L	56 1,2,4-Trimethylbenzene	ND	100 µg/L
22 1,1,1-Trichloroethane	ND	100 µg/L	57 sec-Butylbenzene	ND	100 µg/L
23 1,1-Dichloropropene	ND	100 µg/L	58 1,3-Dichlorobenzene	ND	100 µg/L
24 Carbon tetrachloride	ND	100 µg/L	59 1,4-Dichlorobenzene	ND	100 µg/L
25 Benzene	11,000	50 µg/L	60 4-Isopropyltoluene	ND	100 µg/L
26 Dibromomethane	ND	100 µg/L	61 1,2-Dichlorobenzene	ND	100 µg/L
27 1,2-Dichloropropane	ND	100 µg/L	62 n-Butylbenzene	ND	100 µg/L
28 Trichloroethene	ND	100 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	600 µg/L
29 Bromodichloromethane	ND	100 µg/L	64 1,2,4-Trichlorobenzene	ND	400 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	500 µg/L	65 Naphthalene	ND	400 µg/L
31 cis-1,3-Dichloropropene	ND	100 µg/L	66 1,2,3-Trichlorobenzene	ND	400 µg/L
32 trans-1,3-Dichloropropene	ND	100 µg/L	67 Surr: 1,2-Dichloroethane-d4	82	(75-128) %REC
33 1,1,2-Trichloroethane	ND	100 µg/L	68 Surr: Toluene-d8	96	(80-120) %REC
34 Toluene	280	50 µg/L	69 Surr: 4-Bromofluorobenzene	97	(80-120) %REC
35 1,3-Dichloropropane	ND	100 µg/L			

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

3/4/08

Report Date



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-03A  
Client I.D. Number: PZ-10

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	2.0 µg/L	36 2-Hexanone	ND	20 µg/L
2 Chloromethane	ND	8.0 µg/L	37 Dibromochloromethane	ND	2.0 µg/L
3 Vinyl chloride	ND	2.0 µg/L	38 1,2-Dibromoethane (EDB)	ND	8.0 µg/L
4 Chloroethane	ND	2.0 µg/L	39 Tetrachloroethene	ND	2.0 µg/L
5 Bromomethane	ND	8.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	2.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	2.0 µg/L
7 Acetone	ND	40 µg/L	42 Ethylbenzene	3.1	1.0 µg/L
8 1,1-Dichloroethene	ND	2.0 µg/L	43 m,p-Xylene	5.3	1.0 µg/L
9 Dichloromethane	ND	8.0 µg/L	44 Bromoform	ND	2.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	2.0 µg/L
11 Carbon disulfide	ND	10 µg/L	46 o-Xylene	4.1	1.0 µg/L
12 trans-1,2-Dichloroethene	ND	2.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	2.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L	48 1,2,3-Trichloropropane	ND	8.0 µg/L
14 1,1-Dichloroethane	ND	2.0 µg/L	49 Isopropylbenzene	ND	2.0 µg/L
15 Vinyl acetate	ND	200 µg/L	50 Bromobenzene	ND	2.0 µg/L
16 2-Butanone (MEK)	ND	40 µg/L	51 n-Propylbenzene	ND	2.0 µg/L
17 cis-1,2-Dichloroethene	ND	2.0 µg/L	52 4-Chlorotoluene	ND	2.0 µg/L
18 Bromochloromethane	ND	2.0 µg/L	53 2-Chlorotoluene	ND	2.0 µg/L
19 Chloroform	ND	2.0 µg/L	54 1,3,5-Trimethylbenzene	2.8	2.0 µg/L
20 2,2-Dichloropropane	ND	2.0 µg/L	55 tert-Butylbenzene	ND	2.0 µg/L
21 1,2-Dichloroethane	ND	2.0 µg/L	56 1,2,4-Trimethylbenzene	5.2	2.0 µg/L
22 1,1,1-Trichloroethane	ND	2.0 µg/L	57 sec-Butylbenzene	ND	2.0 µg/L
23 1,1-Dichloropropene	ND	2.0 µg/L	58 1,3-Dichlorobenzene	ND	2.0 µg/L
24 Carbon tetrachloride	ND	2.0 µg/L	59 1,4-Dichlorobenzene	ND	2.0 µg/L
25 Benzene	65	1.0 µg/L	60 4-Isopropyltoluene	ND	2.0 µg/L
26 Dibromomethane	ND	2.0 µg/L	61 1,2-Dichlorobenzene	ND	2.0 µg/L
27 1,2-Dichloropropane	ND	2.0 µg/L	62 n-Butylbenzene	ND	2.0 µg/L
28 Trichloroethene	ND	2.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	12 µg/L
29 Bromodichloromethane	ND	2.0 µg/L	64 1,2,4-Trichlorobenzene	ND	8.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	2.0 µg/L	66 1,2,3-Trichlorobenzene	ND	8.0 µg/L
32 trans-1,3-Dichloropropene	ND	2.0 µg/L	67 Surr: 1,2-Dichloroethane-d4	82	(75-128) %REC
33 1,1,2-Trichloroethane	ND	2.0 µg/L	68 Surr: Toluene-d8	97	(80-120) %REC
34 Toluene	ND	1.0 µg/L	69 Surr: 4-Bromofluorobenzene	101	(80-120) %REC
35 1,3-Dichloropropane	ND	2.0 µg/L			

Reporting Limits were increased due to sample foaming.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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3/4/08

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Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-04A  
Client I.D. Number: EXP-2

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	84	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

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# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-05A  
Client I.D. Number: WCW-7

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	5.9	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	43	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	86	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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# Alpha Analytical, Inc.

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(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-06A  
Client I.D. Number: WCW-3

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/27/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	83	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	98	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shioh-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-07A  
Client I.D. Number: EXP-3

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/28/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	85	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	100	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	97	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-08A  
Client I.D. Number: GMW-1

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/28/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	2.0 µg/L	36 2-Hexanone	ND	20 µg/L
2 Chloromethane	ND	8.0 µg/L	37 Dibromochloromethane	ND	2.0 µg/L
3 Vinyl chloride	ND	2.0 µg/L	38 1,2-Dibromoethane (EDB)	ND	8.0 µg/L
4 Chloroethane	ND	2.0 µg/L	39 Tetrachloroethene	ND	2.0 µg/L
5 Bromomethane	ND	8.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	2.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	2.0 µg/L
7 Acetone	ND	40 µg/L	42 Ethylbenzene	4.9	1.0 µg/L
8 1,1-Dichloroethene	ND	2.0 µg/L	43 m,p-Xylene	2.5	1.0 µg/L
9 Dichloromethane	ND	8.0 µg/L	44 Bromoform	ND	2.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	2.0 µg/L
11 Carbon disulfide	ND	10 µg/L	46 o-Xylene	2.3	1.0 µg/L
12 trans-1,2-Dichloroethene	ND	2.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	2.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	1.0 µg/L	48 1,2,3-Trichloropropane	ND	8.0 µg/L
14 1,1-Dichloroethane	ND	2.0 µg/L	49 Isopropylbenzene	ND	2.0 µg/L
15 Vinyl acetate	ND	200 µg/L	50 Bromobenzene	ND	2.0 µg/L
16 2-Butanone (MEK)	ND	40 µg/L	51 n-Propylbenzene	ND	2.0 µg/L
17 cis-1,2-Dichloroethene	ND	2.0 µg/L	52 4-Chlorotoluene	ND	2.0 µg/L
18 Bromochloromethane	ND	2.0 µg/L	53 2-Chlorotoluene	ND	2.0 µg/L
19 Chloroform	ND	2.0 µg/L	54 1,3,5-Trimethylbenzene	ND	2.0 µg/L
20 2,2-Dichloropropane	ND	2.0 µg/L	55 tert-Butylbenzene	ND	2.0 µg/L
21 1,2-Dichloroethane	ND	2.0 µg/L	56 1,2,4-Trimethylbenzene	ND	2.0 µg/L
22 1,1,1-Trichloroethane	ND	2.0 µg/L	57 sec-Butylbenzene	ND	2.0 µg/L
23 1,1-Dichloropropene	ND	2.0 µg/L	58 1,3-Dichlorobenzene	ND	2.0 µg/L
24 Carbon tetrachloride	ND	2.0 µg/L	59 1,4-Dichlorobenzene	ND	2.0 µg/L
25 Benzene	41	1.0 µg/L	60 4-Isopropyltoluene	ND	2.0 µg/L
26 Dibromomethane	ND	2.0 µg/L	61 1,2-Dichlorobenzene	ND	2.0 µg/L
27 1,2-Dichloropropane	ND	2.0 µg/L	62 n-Butylbenzene	ND	2.0 µg/L
28 Trichloroethene	ND	2.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	12 µg/L
29 Bromodichloromethane	ND	2.0 µg/L	64 1,2,4-Trichlorobenzene	ND	8.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	2.0 µg/L	66 1,2,3-Trichlorobenzene	ND	8.0 µg/L
32 trans-1,3-Dichloropropene	ND	2.0 µg/L	67 Surr: 1,2-Dichloroethane-d4	86	(75-128) %REC
33 1,1,2-Trichloroethane	ND	2.0 µg/L	68 Surr: Toluene-d8	98	(80-120) %REC
34 Toluene	ND	1.0 µg/L	69 Surr: 4-Bromofluorobenzene	99	(80-120) %REC
35 1,3-Dichloropropane	ND	2.0 µg/L			

Reporting Limits were increased due to sample foaming.

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer

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3/4/08

Report Date

Page 1 of 1



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-09A  
Client I.D. Number: MW-SF-4

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/28/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	40 µg/L	36 2-Hexanone	ND	400 µg/L
2 Chloromethane	ND	160 µg/L	37 Dibromochloromethane	ND	40 µg/L
3 Vinyl chloride	ND	40 µg/L	38 1,2-Dibromoethane (EDB)	ND	160 µg/L
4 Chloroethane	ND	40 µg/L	39 Tetrachloroethene	ND	40 µg/L
5 Bromomethane	ND	160 µg/L	40 1,1,1,2-Tetrachloroethane	ND	40 µg/L
6 Trichlorofluoromethane	ND	40 µg/L	41 Chlorobenzene	ND	40 µg/L
7 Acetone	ND	800 µg/L	42 Ethylbenzene	1,200	20 µg/L
8 1,1-Dichloroethene	ND	40 µg/L	43 m,p-Xylene	2,000	20 µg/L
9 Dichloromethane	ND	160 µg/L	44 Bromoform	ND	40 µg/L
10 Freon-113	ND	40 µg/L	45 Styrene	ND	40 µg/L
11 Carbon disulfide	ND	200 µg/L	46 o-Xylene	730	20 µg/L
12 trans-1,2-Dichloroethene	ND	40 µg/L	47 1,1,2,2-Tetrachloroethane	ND	40 µg/L
13 Methyl tert-butyl ether (MTBE)	330	20 µg/L	48 1,2,3-Trichloropropane	ND	160 µg/L
14 1,1-Dichloroethane	ND	40 µg/L	49 Isopropylbenzene	57	40 µg/L
15 Vinyl acetate	ND	4,000 µg/L	50 Bromobenzene	ND	40 µg/L
16 2-Butanone (MEK)	ND	800 µg/L	51 n-Propylbenzene	120	40 µg/L
17 cis-1,2-Dichloroethene	ND	40 µg/L	52 4-Chlorotoluene	ND	40 µg/L
18 Bromochloromethane	ND	40 µg/L	53 2-Chlorotoluene	ND	40 µg/L
19 Chloroform	ND	40 µg/L	54 1,3,5-Trimethylbenzene	320	40 µg/L
20 2,2-Dichloropropane	ND	40 µg/L	55 tert-Butylbenzene	ND	40 µg/L
21 1,2-Dichloroethane	ND	40 µg/L	56 1,2,4-Trimethylbenzene	1,100	40 µg/L
22 1,1,1-Trichloroethane	ND	40 µg/L	57 sec-Butylbenzene	ND	40 µg/L
23 1,1-Dichloropropene	ND	40 µg/L	58 1,3-Dichlorobenzene	ND	40 µg/L
24 Carbon tetrachloride	ND	40 µg/L	59 1,4-Dichlorobenzene	ND	40 µg/L
25 Benzene	4,100	20 µg/L	60 4-Isopropyltoluene	ND	40 µg/L
26 Dibromomethane	ND	40 µg/L	61 1,2-Dichlorobenzene	ND	40 µg/L
27 1,2-Dichloropropane	ND	40 µg/L	62 n-Butylbenzene	ND	40 µg/L
28 Trichloroethene	ND	40 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	240 µg/L
29 Bromodichloromethane	ND	40 µg/L	64 1,2,4-Trichlorobenzene	ND	160 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	200 µg/L	65 Naphthalene	370	160 µg/L
31 cis-1,3-Dichloropropene	ND	40 µg/L	66 1,2,3-Trichlorobenzene	ND	160 µg/L
32 trans-1,3-Dichloropropene	ND	40 µg/L	67 Surr: 1,2-Dichloroethane-d4	86	(75-128) %REC
33 1,1,2-Trichloroethane	ND	40 µg/L	68 Surr: Toluene-d8	97	(80-120) %REC
34 Toluene	89	20 µg/L	69 Surr: 4-Bromofluorobenzene	100	(80-120) %REC
35 1,3-Dichloropropane	ND	40 µg/L			

Reporting Limits were increased due to high concentrations of target analytes.

ND = Not Detected

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Page 1 of 1



# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

Geomatrix Consultants  
510 Superior Avenue, Suite 200  
Newport Beach, CA 926633627  
Job#: KMEP-Norwalk

Attn: Shiow-Whei Chou  
Phone: (949) 642-0245  
Fax: (949) 642-4474

Alpha Analytical Number: GMT08022523-10A  
Client I.D. Number: Trip Blank

Sampled: 02/21/08  
Received: 02/23/08  
Analyzed: 02/28/08

### Volatile Organics by GC/MS EPA Method 624/SW8260B

Compound	Concentration	Reporting Limit	Compound	Concentration	Reporting Limit
1 Dichlorodifluoromethane	ND	1.0 µg/L	36 2-Hexanone	ND	5.0 µg/L
2 Chloromethane	ND	2.0 µg/L	37 Dibromochloromethane	ND	1.0 µg/L
3 Vinyl chloride	ND	0.50 µg/L	38 1,2-Dibromoethane (EDB)	ND	2.0 µg/L
4 Chloroethane	ND	1.0 µg/L	39 Tetrachloroethene	ND	1.0 µg/L
5 Bromomethane	ND	2.0 µg/L	40 1,1,1,2-Tetrachloroethane	ND	1.0 µg/L
6 Trichlorofluoromethane	ND	10 µg/L	41 Chlorobenzene	ND	1.0 µg/L
7 Acetone	ND	10 µg/L	42 Ethylbenzene	ND	0.50 µg/L
8 1,1-Dichloroethene	ND	1.0 µg/L	43 m,p-Xylene	ND	0.50 µg/L
9 Dichloromethane	ND	5.0 µg/L	44 Bromoform	ND	1.0 µg/L
10 Freon-113	ND	10 µg/L	45 Styrene	ND	1.0 µg/L
11 Carbon disulfide	ND	2.5 µg/L	46 o-Xylene	ND	0.50 µg/L
12 trans-1,2-Dichloroethene	ND	1.0 µg/L	47 1,1,2,2-Tetrachloroethane	ND	1.0 µg/L
13 Methyl tert-butyl ether (MTBE)	ND	0.50 µg/L	48 1,2,3-Trichloropropane	ND	2.0 µg/L
14 1,1-Dichloroethane	ND	1.0 µg/L	49 Isopropylbenzene	ND	1.0 µg/L
15 Vinyl acetate	ND	50 µg/L	50 Bromobenzene	ND	1.0 µg/L
16 2-Butanone (MEK)	ND	10 µg/L	51 n-Propylbenzene	ND	1.0 µg/L
17 cis-1,2-Dichloroethene	ND	1.0 µg/L	52 4-Chlorotoluene	ND	1.0 µg/L
18 Bromochloromethane	ND	1.0 µg/L	53 2-Chlorotoluene	ND	1.0 µg/L
19 Chloroform	ND	1.0 µg/L	54 1,3,5-Trimethylbenzene	ND	1.0 µg/L
20 2,2-Dichloropropane	ND	1.0 µg/L	55 tert-Butylbenzene	ND	1.0 µg/L
21 1,2-Dichloroethane	ND	0.50 µg/L	56 1,2,4-Trimethylbenzene	ND	1.0 µg/L
22 1,1,1-Trichloroethane	ND	1.0 µg/L	57 sec-Butylbenzene	ND	1.0 µg/L
23 1,1-Dichloropropene	ND	1.0 µg/L	58 1,3-Dichlorobenzene	ND	1.0 µg/L
24 Carbon tetrachloride	ND	1.0 µg/L	59 1,4-Dichlorobenzene	ND	1.0 µg/L
25 Benzene	ND	0.50 µg/L	60 4-Isopropyltoluene	ND	1.0 µg/L
26 Dibromomethane	ND	1.0 µg/L	61 1,2-Dichlorobenzene	ND	1.0 µg/L
27 1,2-Dichloropropane	ND	1.0 µg/L	62 n-Butylbenzene	ND	1.0 µg/L
28 Trichloroethene	ND	1.0 µg/L	63 1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0 µg/L
29 Bromodichloromethane	ND	1.0 µg/L	64 1,2,4-Trichlorobenzene	ND	2.0 µg/L
30 4-Methyl-2-pentanone (MIBK)	ND	10 µg/L	65 Naphthalene	ND	10 µg/L
31 cis-1,3-Dichloropropene	ND	0.50 µg/L	66 1,2,3-Trichlorobenzene	ND	2.0 µg/L
32 trans-1,3-Dichloropropene	ND	0.50 µg/L	67 Surr: 1,2-Dichloroethane-d4	86	(75-128) %REC
33 1,1,2-Trichloroethane	ND	1.0 µg/L	68 Surr: Toluene-d8	100	(80-120) %REC
34 Toluene	ND	0.50 µg/L	69 Surr: 4-Bromofluorobenzene	97	(80-120) %REC
35 1,3-Dichloropropane	ND	1.0 µg/L			

ND = Not Detected

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
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3/4/08

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## VOC Sample Preservation Report

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Work Order: GMT08022523

Project: KMEP-Norwalk

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Alpha's Sample ID	Client's Sample ID	Matrix	pH
08022523-01A	WCW-13	Aqueous	2
08022523-02A	MW-SF-1	Aqueous	2
08022523-03A	PZ-10	Aqueous	2
08022523-04A	EXP-2	Aqueous	2
08022523-05A	WCW-7	Aqueous	2
08022523-06A	WCW-3	Aqueous	2
08022523-07A	EXP-3	Aqueous	2
08022523-08A	GMW-1	Aqueous	2
08022523-09A	MW-SF-4	Aqueous	2
08022523-10A	Trip Blank	Aqueous	2

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3/4/08  
Report Date



# Alpha Analytical, Inc.

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Date:  
03-Mar-08

## QC Summary Report

Work Order:  
08022523

### Method Blank

Method Blank		Type	Test Code: EPA Method SW8015							
File ID:			Batch ID: 19345				Analysis Date: 02/25/2008 16:24			
Sample ID:	MBLK-19345	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (Fuel Product)	ND	0.1								
Surr: Nonane	98.4		100		98	46	148			

### Laboratory Control Spike

Laboratory Control Spike		Type	Test Code: EPA Method SW8015							
File ID:			Batch ID: 19345				Analysis Date: 02/25/2008 16:48			
Sample ID:	LCS-19345	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2.4	0.5	2.5		96	65	130			
Surr: Nonane	106		100		106	46	148			

### Sample Matrix Spike

Sample Matrix Spike		Type	Test Code: EPA Method SW8015							
File ID:			Batch ID: 19345				Analysis Date: 02/25/2008 17:38			
Sample ID:	08022523-01AMS	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2.56	0.5	2.5	0	102	37	164			
Surr: Nonane	101		100		101	46	148			

### Sample Matrix Spike Duplicate

Sample Matrix Spike Duplicate		Type	Test Code: EPA Method SW8015							
File ID:			Batch ID: 19345				Analysis Date: 02/25/2008 18:02			
Sample ID:	08022523-01AMSD	Units : mg/L	Run ID: FID_2_080225B				Prep Date: 02/25/2008			
Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2.41	0.5	2.5	0	96	37	164	2.56	6.0(20)	
Surr: Nonane	104		100		104	46	148			

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



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Date:  
03-Mar-08

## QC Summary Report

Work Order:  
08022523

### Method Blank

File ID: 08022705.D

Type **MBLK** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 11:00**

Sample ID: **MBLK MS08W0227B**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	0.05								
Surr: 1,2-Dichloroethane-d4	0.00817		0.01		82	75	128			
Surr: Toluene-d8	0.00979		0.01		98	80	120			
Surr: 4-Bromofluorobenzene	0.00947		0.01		95	80	120			

### Laboratory Control Spike

File ID: 08022707.D

Type **LCS** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 11:43**

Sample ID: **GLCS MS08W0227B**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	0.414	0.05	0.4		104	70	130			
Surr: 1,2-Dichloroethane-d4	0.0082		0.01		82	75	128			
Surr: Toluene-d8	0.00969		0.01		97	80	120			
Surr: 4-Bromofluorobenzene	0.00961		0.01		96	80	120			

### Sample Matrix Spike

File ID: 08022712.D

Type **MS** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 13:40**

Sample ID: **08022522-01AGS**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2.01	0.25	2	0	101	60	131			
Surr: 1,2-Dichloroethane-d4	0.0418		0.05		84	75	128			
Surr: Toluene-d8	0.0485		0.05		97	80	120			
Surr: 4-Bromofluorobenzene	0.0476		0.05		95	80	120			

### Sample Matrix Spike Duplicate

File ID: 08022713.D

Type **MSD** Test Code: **EPA Method SW8015B**

Batch ID: **MS08W0227B**

Analysis Date: **02/27/2008 14:01**

Sample ID: **08022522-01AGSD**

Units : **mg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1.96	0.25	2	0	98	60	131	2.012	2.4(20)	
Surr: 1,2-Dichloroethane-d4	0.0422		0.05		84	75	128			
Surr: Toluene-d8	0.0488		0.05		98	80	120			
Surr: 4-Bromofluorobenzene	0.0479		0.05		96	80	120			

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.





# Alpha Analytical, Inc.

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Date:  
03-Mar-08

## OC Summary Report

Work Order:  
08022523

### Method Blank

Type **MBLK** Test Code: **EPA Method 624/SW8260B**

File ID: **08022705.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 11:00**

Sample ID: **MBLK MS08W0227A**

Units: **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dichlorodifluoromethane	ND		1							
Chloromethane	ND		2							
Vinyl chloride	ND		0.5							
Chloroethane	ND		1							
Bromomethane	ND		2							
Trichlorofluoromethane	ND		10							
Acetone	ND		10							
1,1-Dichloroethene	ND		1							
Dichloromethane	ND		5							
Freon-113	ND		10							
Carbon disulfide	ND		2.5							
trans-1,2-Dichloroethene	ND		1							
Methyl tert-butyl ether (MTBE)	ND		0.5							
1,1-Dichloroethane	ND		1							
Vinyl acetate	ND		50							
2-Butanone (MEK)	ND		10							
cis-1,2-Dichloroethene	ND		1							
Bromochloromethane	ND		1							
Chloroform	ND		1							
2,2-Dichloropropane	ND		1							
1,2-Dichloroethane	ND		0.5							
1,1,1-Trichloroethane	ND		1							
1,1-Dichloropropene	ND		1							
Carbon tetrachloride	ND		1							
Benzene	ND		0.5							
Dibromomethane	ND		1							
1,2-Dichloropropane	ND		1							
Trichloroethene	ND		1							
Bromodichloromethane	ND		1							
4-Methyl-2-pentanone (MIBK)	ND		10							
cis-1,3-Dichloropropene	ND		0.5							
trans-1,3-Dichloropropene	ND		0.5							
1,1,2-Trichloroethane	ND		1							
Toluene	ND		0.5							
1,3-Dichloropropane	ND		1							
2-Hexanone	ND		5							
Dibromochloromethane	ND		1							
1,2-Dibromoethane (EDB)	ND		2							
Tetrachloroethene	ND		1							
1,1,1,2-Tetrachloroethane	ND		1							
Chlorobenzene	ND		1							
Ethylbenzene	ND		0.5							
m,p-Xylene	ND		0.5							
Bromoform	ND		1							
Styrene	ND		1							
o-Xylene	ND		0.5							
1,1,2,2-Tetrachloroethane	ND		1							
1,2,3-Trichloropropane	ND		2							
Isopropylbenzene	ND		1							
Bromobenzene	ND		1							
n-Propylbenzene	ND		1							
4-Chlorotoluene	ND		1							
2-Chlorotoluene	ND		1							
1,3,5-Trimethylbenzene	ND		1							
tert-Butylbenzene	ND		1							
1,2,4-Trimethylbenzene	ND		1							
sec-Butylbenzene	ND		1							
1,3-Dichlorobenzene	ND		1							
1,4-Dichlorobenzene	ND		1							
4-Isopropyltoluene	ND		1							
1,2-Dichlorobenzene	ND		1							
n-Butylbenzene	ND		1							
1,2-Dibromo-3-chloropropane (DBCP)	ND		5							
1,2,4-Trichlorobenzene	ND		2							
Naphthalene	ND		10							



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date:  
03-Mar-08

## OC Summary Report

Work Order:  
08022523

1,2,3-Trichlorobenzene	ND	2				
Surr: 1,2-Dichloroethane-d4	8.17		10	82	75	128
Surr: Toluene-d8	9.79		10	98	80	120
Surr: 4-Bromofluorobenzene	9.47		10	95	80	120

### Laboratory Control Spike

Type **LCS**

Test Code: **EPA Method 624/SW8260B**

File ID: **08022706.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 11:22**

Sample ID: **LCS MS08W0227A**

Units : **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	8.03	1	10		80	80	120			
Methyl tert-butyl ether (MTBE)	10.8	0.5	10		108	70	130			
Benzene	9.57	0.5	10		96	70	130			
Trichloroethene	9.48	1	10		95	70	130			
Toluene	9.16	0.5	10		92	80	120			
Chlorobenzene	8.96	1	10		90	70	130			
Ethylbenzene	8.93	0.5	10		89	80	120			
m,p-Xylene	8.98	0.5	10		90	70	130			
o-Xylene	9.54	0.5	10		95	70	130			
Surr: 1,2-Dichloroethane-d4	8.55		10		86	75	128			
Surr: Toluene-d8	9.7		10		97	80	120			
Surr: 4-Bromofluorobenzene	9.94		10		99	80	120			

### Sample Matrix Spike

Type **MS**

Test Code: **EPA Method 624/SW8260B**

File ID: **08022709.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 12:36**

Sample ID: **08022522-01AMS**

Units : **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	34.8	2.5	50		0 70	66	132			
Methyl tert-butyl ether (MTBE)	56.3	1.3	50	0.68	111	62	139			
Benzene	48.5	1.3	50	0	97	70	130			
Trichloroethene	46.4	2.5	50	0	93	69	130			
Toluene	46.3	1.3	50	0	93	67	130			
Chlorobenzene	45.8	2.5	50	0	92	70	130			
Ethylbenzene	44.4	1.3	50	0	89	70	130			
m,p-Xylene	45.1	1.3	50	0	90	69	130			
o-Xylene	49.2	1.3	50	0	98	70	130			
Surr: 1,2-Dichloroethane-d4	42.6		50		85	75	128			
Surr: Toluene-d8	48		50		96	80	120			
Surr: 4-Bromofluorobenzene	48		50		96	80	120			

### Sample Matrix Spike Duplicate

Type **MSD**

Test Code: **EPA Method 624/SW8260B**

File ID: **08022710.D**

Batch ID: **MS08W0227A**

Analysis Date: **02/27/2008 12:57**

Sample ID: **08022522-01AMSD**

Units : **µg/L**

Run ID: **MSD\_08\_080227A**

Prep Date: **02/27/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	43.1	2.5	50	0	86	66	132	34.79	21.3(20)	R5
Methyl tert-butyl ether (MTBE)	56.7	1.3	50	0.68	112	62	139	56.33	0.7(20)	
Benzene	49	1.3	50	0	98	70	130	48.51	1.1(20)	
Trichloroethene	46.4	2.5	50	0	93	69	130	46.41	0.0(20)	
Toluene	46.1	1.3	50	0	92	67	130	46.28	0.3(20)	
Chlorobenzene	46.4	2.5	50	0	93	70	130	45.8	1.3(20)	
Ethylbenzene	44.6	1.3	50	0	89	70	130	44.37	0.5(20)	
m,p-Xylene	45.1	1.3	50	0	90	69	130	45.07	0.0(20)	
o-Xylene	48.5	1.3	50	0	97	70	130	49.19	1.5(20)	
Surr: 1,2-Dichloroethane-d4	42.6		50		85	75	128			
Surr: Toluene-d8	48		50		96	80	120			
Surr: 4-Bromofluorobenzene	49.8		50		99.6	80	120			

### Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

R5 = MS/MSD RPD exceed the laboratory control limit. Recovery met acceptance criteria.

# CHAIN-OF-CUSTODY RECORD

# CA

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778  
 TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : GMTC08022523

Report Due By : 5:00 PM On : 05-Mar-08

**Client:**

Geomatrix Consultants  
 510 Superior Avenue, Suite 200

**Report Attention**   **Phone Number**   **E-Mail Address**

Shiow-Whei Chou   (949) 642-0245 x   swchou@geomatrix.com

Newport Beach, CA 92663-3627

PO : KMEP-Norwalk

Client's COC # : 10087

Job : KMEP-Norwalk

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

EDD Required : Yes

Sampled by : Pablo Cortez

Cooler Temp   Samples Received   Date Printed

4 °C   23-Feb-08   25-Feb-08

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles		Requested Tests			Sample Remarks	
				Alpha	Sub	TPHE_W	TPHIP_W	VOC_W		
GMT08022523-01A	WCW-13	AQ	02/21/08 16:52	7	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	One voa rec'd broken. One voa rec'd w/ no sample ID on label, matched up by sample time.
GMT08022523-02A	MW-SF-1	AQ	02/21/08 14:50	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022523-03A	PZ-10	AQ	02/21/08 14:15	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022523-04A	EXP-2	AQ	02/21/08 15:37	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022523-05A	WCW-7	AQ	02/21/08 17:23	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022523-06A	WCW-3	AQ	02/21/08 16:15	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022523-07A	EXP-3	AQ	02/21/08 12:15	7	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	One voa rec'd broken.
GMT08022523-08A	GMW-1	AQ	02/21/08 13:45	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	

Comments: Samples rec'd Saturday 2/23/08, kept cold and secure until login on Monday. No security seals. Frozen ice. Results to Shiow-Whei Chou in hard copy, EDD and PDF format. Per Angie Wagner, all voas preserved with HCl.

Signature: *K Murray*   Print Name: K Murray   Company: Alpha Analytical, Inc.   Date/Time: 2/25/08 1035

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report. Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)   Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

# CHAIN-OF-CUSTODY RECORD

# CA

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778  
 TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : GMT08022523

Report Due By : 5:00 PM On : 05-Mar-08

**Report Attention**   **Phone Number**   **E-Mail Address**  
 Shioh-Whei Chou   (949) 642-0245 x   swchou@geomatrix.com

**Client:**  
 Geomatrix Consultants  
 510 Superior Avenue, Suite 200

Newport Beach, CA 92663-3627

PO : KMEP-Norwalk

Client's COC # : 10087

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

EDD Required : Yes

Sampled by : Pablo Cortez

Cooler Temp   Samples Received   Date Printed  
 4 °C   23-Feb-08   25-Feb-08

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests			Sample Remarks
							TPHE_W +Vinyl acetate	TPHP_W +Vinyl acetate	VOC_W	
GMT08022523-09A	MW-SF-4	AQ	02/21/08 13:15	8	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	
GMT08022523-10A	Trip Blank	AQ	02/21/08 00:00	3	0	7	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	TPHE(0.10) +Vinyl acetate	Reno Trip Blanks 1/28/08

**Comments:**   Samples rec'd Saturday 2/23/08, kept cold and secure until login on Monday. No security seals. Frozen ice. Results to Shioh-Whei Chou in hard copy, EDD and PDF format. Per Angie Wagner, all voas preserved with HCl.

**Logged in by:** K Murray   **Signature**   **Print Name**   **Company**   **Date/Time**  
 K Murray   Alpha Analytical, Inc.   2/25/08 10:35

**NOTE:** Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report. Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)   Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**Billing Information:**  
 Name Kinder Morgan Energy Partners  
 Address 1100 Town and Country  
 City, State, Zip Orange, CA  
 Phone Number \_\_\_\_\_ Fax \_\_\_\_\_



**Alpha Analytical, Inc.**  
 255 Glendale Avenue, Suite 21  
 Sparks, Nevada 89431-5778  
 Phone (775) 355-1044  
 Fax (775) 355-0406

Samples Collected From Which State?  
 AZ \_\_\_\_\_ CA  NV \_\_\_\_\_ WA \_\_\_\_\_  
 ID \_\_\_\_\_ OR \_\_\_\_\_ OTHER \_\_\_\_\_ Page # \_\_\_\_\_ of \_\_\_\_\_

10087

Time Sampled	Date	Matrix* See Key Below	Office Use Only	Sampled by	Lab ID Number	Sample Description	Report Attention		Total and type of containers ** See below	Analyses Required				REMARKS
							Shlow - when slow @ go matrix	Field Filled		TPH <sub>2</sub> (8015M)	TPH <sub>6P</sub> (8015M)	TPH <sub>6B</sub> (8260B)	Vocs w/MTBE (8260B)	
1652	7/21/08	AQ	GMT08022523-01	Pablo Cortez	02	WCW-13	N	No	8 VOA	X	X	X	X	1HCL vocs rec'd broken
1450			02	MW-SF-1			N	No		X	X	X		
1415			03	PZ-10			N	No		X	X	X		
1537			04	EXP-2			N	No		X	X	X		
1723			05	WCW-7			N	No		X	X	X		
1615			06	WCW-3			N	No		X	X	X		1HCL vocs rec'd broken
1215			07	EXP-3			N	No		X	X	X		
1345			08	GMW-1			N	No		X	X	X		
1315			09	MW-SF-4			N	No		X	X	X		
-			10	Trip Blank			N	No	3 VOA	X	X	X		(3) 1/28/08

**ADDITIONAL INSTRUCTIONS:**

Signature	Print Name	Company	Date	Time
<i>Pablo Cortez</i>	Pablo Cortez	SECOR	2/21/08	19:00
<i>FEDEX</i>	No. 86231059 9936			
<i>K Murray</i>	K Murray		2/25/08	0910

\*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other  
 L - Liter V - Voa S - Soil Jar O - Orbo T - Tedlar B - Brass P - Plastic OT - Other  
 \*\* : L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other  
 NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.