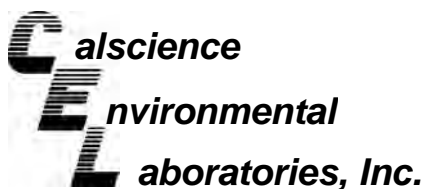


**APPENDIX B**

**LABORATORY REPORTS**



September 15, 2009

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

Subject: **Calscience Work Order No.: 09-09-0447**  
**Client Reference: DFSP NORWALK / 746441**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/4/2009 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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-1-10	09-09-0447-2-A	09/03/09 07:40	Solid	GC 27	09/09/09	09/09/09 16:50	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

DPT-1-20	09-09-0447-4-A	09/03/09 07:52	Solid	GC 27	09/09/09	09/09/09 17:08	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	93	61-145			

DPT-1-25	09-09-0447-5-A	09/03/09 08:00	Solid	GC 27	09/09/09	09/09/09 17:26	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

DPT-2-15	09-09-0447-9-A	09/03/09 08:34	Solid	GC 27	09/09/09	09/09/09 17:44	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	89	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 2 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-2-20	09-09-0447-10-A	09/03/09 08:42	Solid	GC 27	09/09/09	09/09/09 18:02	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	90	61-145			

DPT-2-25	09-09-0447-11-A	09/03/09 08:50	Solid	GC 27	09/09/09	09/09/09 18:20	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	89	61-145			

DPT-3-15	09-09-0447-15-A	09/03/09 09:30	Solid	GC 27	09/09/09	09/09/09 18:38	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	89	61-145			

DPT-3-20	09-09-0447-16-A	09/03/09 09:37	Solid	GC 27	09/09/09	09/09/09 18:56	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	88	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-3-25	09-09-0447-17-A	09/03/09 09:48	Solid	GC 27	09/09/09	09/09/09 19:13	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-5	09-09-0447-18-A	09/03/09 10:26	Solid	GC 27	09/09/09	09/10/09 10:50	090909B01

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 JP5	3100	120	25		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	102	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-10	09-09-0447-19-A	09/03/09 10:32	Solid	GC 27	09/09/09	09/09/09 20:26	090909B01

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 JP5	15	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	94	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-15	09-09-0447-20-A	09/03/09 10:36	Solid	GC 27	09/09/09	09/09/09 20:44	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	93	61-145			

DPT-4-20	09-09-0447-21-A	09/03/09 10:43	Solid	GC 27	09/09/09	09/09/09 21:02	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	640	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	118	61-145			

DPT-4-25	09-09-0447-22-A	09/03/09 10:48	Solid	GC 27	09/09/09	09/09/09 21:20	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	6100	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	99	61-145			

DPT-5-10	09-09-0447-24-A	09/03/09 11:58	Solid	GC 27	09/09/09	09/09/09 21:37	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	98	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-5-15	09-09-0447-25-A	09/03/09 12:04	Solid	GC 27	09/09/09	09/09/09 21:55	090909B01

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	94	61-145			

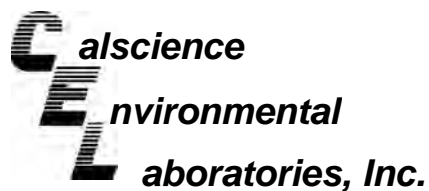
DPT-5-20	09-09-0447-26-A	09/03/09 12:09	Solid	GC 27	09/09/09	09/09/09 22:13	090909B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	2800	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	108	61-145			

Method Blank	099-12-295-27	N/A	Solid	GC 27	09/09/09	09/09/09 15:19	090909B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	93	61-145			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-1-10	09-09-0447-2-G	09/03/09 07:40	Solid	GC 4	09/04/09	09/09/09 20:50	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.30	1.19		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	110	60-126			

DPT-1-20	09-09-0447-4-G	09/03/09 07:52	Solid	GC 4	09/04/09	09/09/09 21:23	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.30	1.2		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	123	60-126			

DPT-1-25	09-09-0447-5-G	09/03/09 08:00	Solid	GC 4	09/04/09	09/09/09 21:56	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.28	1.11		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	97	60-126			

DPT-2-15	09-09-0447-9-G	09/03/09 08:34	Solid	GC 4	09/04/09	09/09/09 22:29	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.21	0.84		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	121	60-126			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 2 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-2-20	09-09-0447-10-G	09/03/09 08:42	Solid	GC 4	09/04/09	09/09/09 23:02	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.28	1.13		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	109	60-126			

DPT-2-25	09-09-0447-11-G	09/03/09 08:50	Solid	GC 4	09/04/09	09/09/09 23:35	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.27	1.08		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	115	60-126			

DPT-3-15	09-09-0447-15-G	09/03/09 09:30	Solid	GC 4	09/04/09	09/10/09 00:08	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.23	0.938		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	113	60-126			

DPT-3-20	09-09-0447-16-G	09/03/09 09:37	Solid	GC 4	09/04/09	09/10/09 00:41	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.20	0.782		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	106	60-126			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 3 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-3-25	09-09-0447-17-G	09/03/09 09:48	Solid	GC 4	09/04/09	09/10/09 01:14	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.27	1.08		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	122	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-5	09-09-0447-18-E	09/03/09 10:26	Solid	GC 4	09/04/09	09/12/09 03:16	090912B02

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	480	91	363		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	66	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-10	09-09-0447-19-G	09/03/09 10:32	Solid	GC 4	09/04/09	09/10/09 01:47	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.26	1.04		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	107	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-15	09-09-0447-20-G	09/03/09 10:36	Solid	GC 4	09/04/09	09/10/09 03:26	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.27	1.08		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	112	60-126			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 4 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-20	09-09-0447-21-E	09/03/09 10:43	Solid	GC 4	09/04/09	09/10/09 17:58	090910B02

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	850	41	164		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	196	60-126		2	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-25	09-09-0447-22-E	09/03/09 10:48	Solid	GC 4	09/04/09	09/12/09 03:49	090912B02

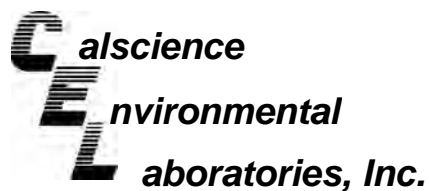
Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	11000	900	3600		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	118	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-5-10	09-09-0447-24-G	09/03/09 11:58	Solid	GC 4	09/04/09	09/10/09 03:59	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.23	0.931		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	104	60-126			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 5 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-5-15	09-09-0447-25-G	09/03/09 12:04	Solid	GC 4	09/04/09	09/10/09 04:32	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.27	1.07		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	104	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-5-20	09-09-0447-26-E	09/03/09 12:09	Solid	GC 4	09/04/09	09/12/09 04:22	090912B02

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	2000	820	3300		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	85	60-126			

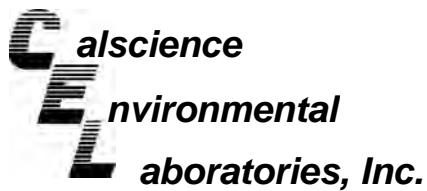
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-285-1,659	N/A	Solid	GC 4	09/09/09	09/09/09 18:39	090909B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	84	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-285-1,664	N/A	Solid	GC 4	09/10/09	09/10/09 13:34	090910B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	10	40		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	94	60-126			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 6 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-285-1,666	N/A	Solid	GC 4	09/12/09	09/12/09 01:04	090912B02

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	ND	10	40		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	90	60-126			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 1 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-1-10	09-09-0447-2-C	09/03/09 07:40	Solid	GC/MS VV	09/04/09	09/05/09 18:29	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.09		c-1,3-Dichloropropene	ND	1.1	1.09	
Benzene	ND	1.1	1.09		t-1,3-Dichloropropene	ND	2.2	1.09	
Bromobenzene	ND	1.1	1.09		Ethylbenzene	ND	1.1	1.09	
Bromochloromethane	ND	2.2	1.09		2-Hexanone	ND	22	1.09	
Bromodichloromethane	ND	1.1	1.09		Isopropylbenzene	ND	1.1	1.09	
Bromoform	ND	5.4	1.09		p-Isopropyltoluene	ND	1.1	1.09	
Bromomethane	ND	22	1.09		Methylene Chloride	ND	11	1.09	
2-Butanone	ND	22	1.09		4-Methyl-2-Pentanone	ND	22	1.09	
n-Butylbenzene	ND	1.1	1.09		Naphthalene	ND	11	1.09	
sec-Butylbenzene	ND	1.1	1.09		n-Propylbenzene	ND	2.2	1.09	
tert-Butylbenzene	ND	1.1	1.09		Styrene	ND	1.1	1.09	
Carbon Disulfide	ND	11	1.09		1,1,1,2-Tetrachloroethane	ND	1.1	1.09	
Carbon Tetrachloride	ND	1.1	1.09		1,1,2,2-Tetrachloroethane	ND	2.2	1.09	
Chlorobenzene	ND	1.1	1.09		Tetrachloroethene	ND	1.1	1.09	
Chloroethane	ND	2.2	1.09		Toluene	ND	1.1	1.09	
Chloroform	ND	1.1	1.09		1,2,3-Trichlorobenzene	ND	2.2	1.09	
Chloromethane	ND	22	1.09		1,2,4-Trichlorobenzene	ND	2.2	1.09	
2-Chlorotoluene	ND	1.1	1.09		1,1,1-Trichloroethane	ND	1.1	1.09	
4-Chlorotoluene	ND	1.1	1.09		1,1,2-Trichloroethane	ND	1.1	1.09	
Dibromochloromethane	ND	2.2	1.09		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.09	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.09		Trichloroethene	ND	2.2	1.09	
1,2-Dibromoethane	ND	1.1	1.09		Trichlorofluoromethane	ND	11	1.09	
Dibromomethane	ND	1.1	1.09		1,2,3-Trichloropropane	ND	2.2	1.09	
1,2-Dichlorobenzene	ND	1.1	1.09		1,2,4-Trimethylbenzene	ND	2.2	1.09	
1,3-Dichlorobenzene	ND	1.1	1.09		1,3,5-Trimethylbenzene	ND	2.2	1.09	
1,4-Dichlorobenzene	ND	1.1	1.09		Vinyl Acetate	ND	11	1.09	
Dichlorodifluoromethane	ND	2.2	1.09		Vinyl Chloride	ND	1.1	1.09	
1,1-Dichloroethane	ND	1.1	1.09		p/m-Xylene	ND	2.2	1.09	
1,2-Dichloroethane	ND	1.1	1.09		o-Xylene	ND	1.1	1.09	
1,1-Dichloroethene	ND	1.1	1.09		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.09	
c-1,2-Dichloroethene	ND	1.1	1.09		Tert-Butyl Alcohol (TBA)	ND	22	1.09	
t-1,2-Dichloroethene	ND	1.1	1.09		Diisopropyl Ether (DIPE)	ND	1.1	1.09	
1,2-Dichloropropane	ND	1.1	1.09		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.09	
1,3-Dichloropropane	ND	1.1	1.09		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.09	
2,2-Dichloropropane	ND	5.4	1.09		Ethanol	ND	540	1.09	
1,1-Dichloropropene	ND	2.2	1.09						
<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	116	71-137			1,2-Dichloroethane-d4	119	58-160		
1,4-Bromofluorobenzene	86	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

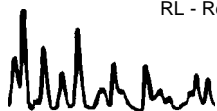
Project: DFSP NORWALK / 746441

Page 2 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-1-20	09-09-0447-4-C	09/03/09 07:52	Solid	GC/MS VV	09/04/09	09/05/09 18:54	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	58	1.16		c-1,3-Dichloropropene	ND	1.2	1.16	
Benzene	ND	1.2	1.16		t-1,3-Dichloropropene	ND	2.3	1.16	
Bromobenzene	ND	1.2	1.16		Ethylbenzene	ND	1.2	1.16	
Bromochloromethane	ND	2.3	1.16		2-Hexanone	ND	23	1.16	
Bromodichloromethane	ND	1.2	1.16		Isopropylbenzene	ND	1.2	1.16	
Bromoform	ND	5.8	1.16		p-Isopropyltoluene	ND	1.2	1.16	
Bromomethane	ND	23	1.16		Methylene Chloride	ND	12	1.16	
2-Butanone	ND	23	1.16		4-Methyl-2-Pentanone	ND	23	1.16	
n-Butylbenzene	ND	1.2	1.16		Naphthalene	ND	12	1.16	
sec-Butylbenzene	ND	1.2	1.16		n-Propylbenzene	ND	2.3	1.16	
tert-Butylbenzene	ND	1.2	1.16		Styrene	ND	1.2	1.16	
Carbon Disulfide	ND	12	1.16		1,1,1,2-Tetrachloroethane	ND	1.2	1.16	
Carbon Tetrachloride	ND	1.2	1.16		1,1,2,2-Tetrachloroethane	ND	2.3	1.16	
Chlorobenzene	ND	1.2	1.16		Tetrachloroethene	ND	1.2	1.16	
Chloroethane	ND	2.3	1.16		Toluene	ND	1.2	1.16	
Chloroform	ND	1.2	1.16		1,2,3-Trichlorobenzene	ND	2.3	1.16	
Chloromethane	ND	23	1.16		1,2,4-Trichlorobenzene	ND	2.3	1.16	
2-Chlorotoluene	ND	1.2	1.16		1,1,1-Trichloroethane	ND	1.2	1.16	
4-Chlorotoluene	ND	1.2	1.16		1,1,2-Trichloroethane	ND	1.2	1.16	
Dibromochloromethane	ND	2.3	1.16		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	12	1.16	
1,2-Dibromo-3-Chloropropane	ND	5.8	1.16		Trichloroethene	ND	2.3	1.16	
1,2-Dibromoethane	ND	1.2	1.16		Trichlorofluoromethane	ND	12	1.16	
Dibromomethane	ND	1.2	1.16		1,2,3-Trichloropropane	ND	2.3	1.16	
1,2-Dichlorobenzene	ND	1.2	1.16		1,2,4-Trimethylbenzene	ND	2.3	1.16	
1,3-Dichlorobenzene	ND	1.2	1.16		1,3,5-Trimethylbenzene	ND	2.3	1.16	
1,4-Dichlorobenzene	ND	1.2	1.16		Vinyl Acetate	ND	12	1.16	
Dichlorodifluoromethane	ND	2.3	1.16		Vinyl Chloride	ND	1.2	1.16	
1,1-Dichloroethane	ND	1.2	1.16		p/m-Xylene	ND	2.3	1.16	
1,2-Dichloroethane	ND	1.2	1.16		o-Xylene	ND	1.2	1.16	
1,1-Dichloroethene	ND	1.2	1.16		Methyl-t-Butyl Ether (MTBE)	ND	2.3	1.16	
c-1,2-Dichloroethene	ND	1.2	1.16		Tert-Butyl Alcohol (TBA)	ND	23	1.16	
t-1,2-Dichloroethene	ND	1.2	1.16		Diisopropyl Ether (DIPE)	ND	1.2	1.16	
1,2-Dichloropropane	ND	1.2	1.16		Ethyl-t-Butyl Ether (ETBE)	ND	1.2	1.16	
1,3-Dichloropropane	ND	1.2	1.16		Tert-Amyl-Methyl Ether (TAME)	ND	1.2	1.16	
2,2-Dichloropropane	ND	5.8	1.16		Ethanol	ND	580	1.16	
1,1-Dichloropropene	ND	2.3	1.16						
<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	107	71-137			1,2-Dichloroethane-d4	107	58-160		
1,4-Bromofluorobenzene	86	66-126			Toluene-d8	98	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

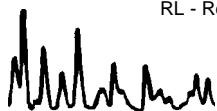
Project: DFSP NORWALK / 746441

Page 3 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-1-25	09-09-0447-5-C	09/03/09 08:00	Solid	GC/MS VV	09/04/09	09/05/09 19:20	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	72	1.45		c-1,3-Dichloropropene	ND	1.4	1.45	
Benzene	ND	1.4	1.45		t-1,3-Dichloropropene	ND	2.9	1.45	
Bromobenzene	ND	1.4	1.45		Ethylbenzene	ND	1.4	1.45	
Bromochloromethane	ND	2.9	1.45		2-Hexanone	ND	29	1.45	
Bromodichloromethane	ND	1.4	1.45		Isopropylbenzene	ND	1.4	1.45	
Bromoform	ND	7.2	1.45		p-Isopropyltoluene	ND	1.4	1.45	
Bromomethane	ND	29	1.45		Methylene Chloride	ND	14	1.45	
2-Butanone	ND	29	1.45		4-Methyl-2-Pentanone	ND	29	1.45	
n-Butylbenzene	ND	1.4	1.45		Naphthalene	ND	14	1.45	
sec-Butylbenzene	ND	1.4	1.45		n-Propylbenzene	ND	2.9	1.45	
tert-Butylbenzene	ND	1.4	1.45		Styrene	ND	1.4	1.45	
Carbon Disulfide	ND	14	1.45		1,1,1,2-Tetrachloroethane	ND	1.4	1.45	
Carbon Tetrachloride	ND	1.4	1.45		1,1,2,2-Tetrachloroethane	ND	2.9	1.45	
Chlorobenzene	ND	1.4	1.45		Tetrachloroethene	ND	1.4	1.45	
Chloroethane	ND	2.9	1.45		Toluene	ND	1.4	1.45	
Chloroform	ND	1.4	1.45		1,2,3-Trichlorobenzene	ND	2.9	1.45	
Chloromethane	ND	29	1.45		1,2,4-Trichlorobenzene	ND	2.9	1.45	
2-Chlorotoluene	ND	1.4	1.45		1,1,1-Trichloroethane	ND	1.4	1.45	
4-Chlorotoluene	ND	1.4	1.45		1,1,2-Trichloroethane	ND	1.4	1.45	
Dibromochloromethane	ND	2.9	1.45		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	14	1.45	
1,2-Dibromo-3-Chloropropane	ND	7.2	1.45		Trichloroethene	ND	2.9	1.45	
1,2-Dibromoethane	ND	1.4	1.45		Trichlorofluoromethane	ND	14	1.45	
Dibromomethane	ND	1.4	1.45		1,2,3-Trichloropropane	ND	2.9	1.45	
1,2-Dichlorobenzene	ND	1.4	1.45		1,2,4-Trimethylbenzene	ND	2.9	1.45	
1,3-Dichlorobenzene	ND	1.4	1.45		1,3,5-Trimethylbenzene	ND	2.9	1.45	
1,4-Dichlorobenzene	ND	1.4	1.45		Vinyl Acetate	ND	14	1.45	
Dichlorodifluoromethane	ND	2.9	1.45		Vinyl Chloride	ND	1.4	1.45	
1,1-Dichloroethane	ND	1.4	1.45		p/m-Xylene	ND	2.9	1.45	
1,2-Dichloroethane	ND	1.4	1.45		o-Xylene	ND	1.4	1.45	
1,1-Dichloroethene	ND	1.4	1.45		Methyl-t-Butyl Ether (MTBE)	ND	2.9	1.45	
c-1,2-Dichloroethene	ND	1.4	1.45		Tert-Butyl Alcohol (TBA)	ND	29	1.45	
t-1,2-Dichloroethene	ND	1.4	1.45		Diisopropyl Ether (DIPE)	ND	1.4	1.45	
1,2-Dichloropropane	ND	1.4	1.45		Ethyl-t-Butyl Ether (ETBE)	ND	1.4	1.45	
1,3-Dichloropropane	ND	1.4	1.45		Tert-Amyl-Methyl Ether (TAME)	ND	1.4	1.45	
2,2-Dichloropropane	ND	7.2	1.45		Ethanol	ND	720	1.45	
1,1-Dichloropropene	ND	2.9	1.45						
<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	116	71-137		1,2-Dichloroethane-d4	116	58-160			
1,4-Bromofluorobenzene	87	66-126		Toluene-d8	100	87-111			

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





## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

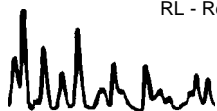
Project: DFSP NORWALK / 746441

Page 4 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-2-15	09-09-0447-9-C	09/03/09 08:34	Solid	GC/MS VV	09/04/09	09/05/09 19:46	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	48	0.963		c-1,3-Dichloropropene	ND	0.96	0.963	
Benzene	ND	0.96	0.963		t-1,3-Dichloropropene	ND	1.9	0.963	
Bromobenzene	ND	0.96	0.963		Ethylbenzene	ND	0.96	0.963	
Bromochloromethane	ND	1.9	0.963		2-Hexanone	ND	19	0.963	
Bromodichloromethane	ND	0.96	0.963		Isopropylbenzene	ND	0.96	0.963	
Bromoform	ND	4.8	0.963		p-Isopropyltoluene	ND	0.96	0.963	
Bromomethane	ND	19	0.963		Methylene Chloride	ND	9.6	0.963	
2-Butanone	ND	19	0.963		4-Methyl-2-Pentanone	ND	19	0.963	
n-Butylbenzene	ND	0.96	0.963		Naphthalene	ND	9.6	0.963	
sec-Butylbenzene	ND	0.96	0.963		n-Propylbenzene	ND	1.9	0.963	
tert-Butylbenzene	ND	0.96	0.963		Styrene	ND	0.96	0.963	
Carbon Disulfide	ND	9.6	0.963		1,1,1,2-Tetrachloroethane	ND	0.96	0.963	
Carbon Tetrachloride	ND	0.96	0.963		1,1,2,2-Tetrachloroethane	ND	1.9	0.963	
Chlorobenzene	ND	0.96	0.963		Tetrachloroethene	ND	0.96	0.963	
Chloroethane	ND	1.9	0.963		Toluene	ND	0.96	0.963	
Chloroform	ND	0.96	0.963		1,2,3-Trichlorobenzene	ND	1.9	0.963	
Chloromethane	ND	19	0.963		1,2,4-Trichlorobenzene	ND	1.9	0.963	
2-Chlorotoluene	ND	0.96	0.963		1,1,1-Trichloroethane	ND	0.96	0.963	
4-Chlorotoluene	ND	0.96	0.963		1,1,2-Trichloroethane	ND	0.96	0.963	
Dibromochloromethane	ND	1.9	0.963		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.6	0.963	
1,2-Dibromo-3-Chloropropane	ND	4.8	0.963		Trichloroethene	ND	1.9	0.963	
1,2-Dibromoethane	ND	0.96	0.963		Trichlorofluoromethane	ND	9.6	0.963	
Dibromomethane	ND	0.96	0.963		1,2,3-Trichloropropane	ND	1.9	0.963	
1,2-Dichlorobenzene	ND	0.96	0.963		1,2,4-Trimethylbenzene	ND	1.9	0.963	
1,3-Dichlorobenzene	ND	0.96	0.963		1,3,5-Trimethylbenzene	ND	1.9	0.963	
1,4-Dichlorobenzene	ND	0.96	0.963		Vinyl Acetate	ND	9.6	0.963	
Dichlorodifluoromethane	ND	1.9	0.963		Vinyl Chloride	ND	0.96	0.963	
1,1-Dichloroethane	ND	0.96	0.963		p/m-Xylene	ND	1.9	0.963	
1,2-Dichloroethane	ND	0.96	0.963		o-Xylene	ND	0.96	0.963	
1,1-Dichloroethene	ND	0.96	0.963		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.963	
c-1,2-Dichloroethene	ND	0.96	0.963		Tert-Butyl Alcohol (TBA)	ND	19	0.963	
t-1,2-Dichloroethene	ND	0.96	0.963		Diisopropyl Ether (DIPE)	ND	0.96	0.963	
1,2-Dichloropropane	ND	0.96	0.963		Ethyl-t-Butyl Ether (ETBE)	ND	0.96	0.963	
1,3-Dichloropropane	ND	0.96	0.963		Tert-Amyl-Methyl Ether (TAME)	ND	0.96	0.963	
2,2-Dichloropropane	ND	4.8	0.963		Ethanol	ND	480	0.963	
1,1-Dichloropropene	ND	1.9	0.963						
<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	71-137		1,2-Dichloroethane-d4	108	58-160			
1,4-Bromofluorobenzene	85	66-126		Toluene-d8	95	87-111			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 5 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-2-20	09-09-0447-10-C	09/03/09 08:42	Solid	GC/MS VV	09/04/09	09/05/09 20:12	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.08		c-1,3-Dichloropropene	ND	1.1	1.08	
Benzene	ND	1.1	1.08		t-1,3-Dichloropropene	ND	2.2	1.08	
Bromobenzene	ND	1.1	1.08		Ethylbenzene	ND	1.1	1.08	
Bromochloromethane	ND	2.2	1.08		2-Hexanone	ND	22	1.08	
Bromodichloromethane	ND	1.1	1.08		Isopropylbenzene	ND	1.1	1.08	
Bromoform	ND	5.4	1.08		p-Isopropyltoluene	ND	1.1	1.08	
Bromomethane	ND	22	1.08		Methylene Chloride	ND	11	1.08	
2-Butanone	ND	22	1.08		4-Methyl-2-Pentanone	ND	22	1.08	
n-Butylbenzene	ND	1.1	1.08		Naphthalene	ND	11	1.08	
sec-Butylbenzene	ND	1.1	1.08		n-Propylbenzene	ND	2.2	1.08	
tert-Butylbenzene	ND	1.1	1.08		Styrene	ND	1.1	1.08	
Carbon Disulfide	ND	11	1.08		1,1,1,2-Tetrachloroethane	ND	1.1	1.08	
Carbon Tetrachloride	ND	1.1	1.08		1,1,2,2-Tetrachloroethane	ND	2.2	1.08	
Chlorobenzene	ND	1.1	1.08		Tetrachloroethene	ND	1.1	1.08	
Chloroethane	ND	2.2	1.08		Toluene	ND	1.1	1.08	
Chloroform	ND	1.1	1.08		1,2,3-Trichlorobenzene	ND	2.2	1.08	
Chloromethane	ND	22	1.08		1,2,4-Trichlorobenzene	ND	2.2	1.08	
2-Chlorotoluene	ND	1.1	1.08		1,1,1-Trichloroethane	ND	1.1	1.08	
4-Chlorotoluene	ND	1.1	1.08		1,1,2-Trichloroethane	ND	1.1	1.08	
Dibromochloromethane	ND	2.2	1.08		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.08	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.08		Trichloroethene	ND	2.2	1.08	
1,2-Dibromoethane	ND	1.1	1.08		Trichlorofluoromethane	ND	11	1.08	
Dibromomethane	ND	1.1	1.08		1,2,3-Trichloropropane	ND	2.2	1.08	
1,2-Dichlorobenzene	ND	1.1	1.08		1,2,4-Trimethylbenzene	ND	2.2	1.08	
1,3-Dichlorobenzene	ND	1.1	1.08		1,3,5-Trimethylbenzene	ND	2.2	1.08	
1,4-Dichlorobenzene	ND	1.1	1.08		Vinyl Acetate	ND	11	1.08	
Dichlorodifluoromethane	ND	2.2	1.08		Vinyl Chloride	ND	1.1	1.08	
1,1-Dichloroethane	ND	1.1	1.08		p/m-Xylene	ND	2.2	1.08	
1,2-Dichloroethane	ND	1.1	1.08		o-Xylene	ND	1.1	1.08	
1,1-Dichloroethene	ND	1.1	1.08		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.08	
c-1,2-Dichloroethene	ND	1.1	1.08		Tert-Butyl Alcohol (TBA)	ND	22	1.08	
t-1,2-Dichloroethene	ND	1.1	1.08		Diisopropyl Ether (DIPE)	ND	1.1	1.08	
1,2-Dichloropropane	ND	1.1	1.08		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.08	
1,3-Dichloropropane	ND	1.1	1.08		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.08	
2,2-Dichloropropane	ND	5.4	1.08		Ethanol	ND	540	1.08	
1,1-Dichloropropene	ND	2.2	1.08						
<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	110	71-137			1,2-Dichloroethane-d4	114	58-160		
1,4-Bromofluorobenzene	86	66-126			Toluene-d8	98	87-111		

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



**Analytical Report**



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

Date Received: 09/04/09  
 Work Order No: 09-09-0447  
 Preparation: EPA 5035  
 Method: EPA 8260B  
 Units: ug/kg

Project: DFSP NORWALK / 746441

Page 6 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-2-25	09-09-0447-11-C	09/03/09 08:50	Solid	GC/MS VV	09/04/09	09/05/09 20:37	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	56	1.11		c-1,3-Dichloropropene	ND	1.1	1.11	
Benzene	ND	1.1	1.11		t-1,3-Dichloropropene	ND	2.2	1.11	
Bromobenzene	ND	1.1	1.11		Ethylbenzene	ND	1.1	1.11	
Bromochloromethane	ND	2.2	1.11		2-Hexanone	ND	22	1.11	
Bromodichloromethane	ND	1.1	1.11		Isopropylbenzene	ND	1.1	1.11	
Bromoform	ND	5.6	1.11		p-Isopropyltoluene	ND	1.1	1.11	
Bromomethane	ND	22	1.11		Methylene Chloride	ND	11	1.11	
2-Butanone	ND	22	1.11		4-Methyl-2-Pentanone	ND	22	1.11	
n-Butylbenzene	ND	1.1	1.11		Naphthalene	ND	11	1.11	
sec-Butylbenzene	ND	1.1	1.11		n-Propylbenzene	ND	2.2	1.11	
tert-Butylbenzene	ND	1.1	1.11		Styrene	ND	1.1	1.11	
Carbon Disulfide	ND	11	1.11		1,1,1,2-Tetrachloroethane	ND	1.1	1.11	
Carbon Tetrachloride	ND	1.1	1.11		1,1,2,2-Tetrachloroethane	ND	2.2	1.11	
Chlorobenzene	ND	1.1	1.11		Tetrachloroethene	ND	1.1	1.11	
Chloroethane	ND	2.2	1.11		Toluene	ND	1.1	1.11	
Chloroform	ND	1.1	1.11		1,2,3-Trichlorobenzene	ND	2.2	1.11	
Chloromethane	ND	22	1.11		1,2,4-Trichlorobenzene	ND	2.2	1.11	
2-Chlorotoluene	ND	1.1	1.11		1,1,1-Trichloroethane	ND	1.1	1.11	
4-Chlorotoluene	ND	1.1	1.11		1,1,2-Trichloroethane	ND	1.1	1.11	
Dibromochloromethane	ND	2.2	1.11		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.11	
1,2-Dibromo-3-Chloropropane	ND	5.6	1.11		Trichloroethene	ND	2.2	1.11	
1,2-Dibromoethane	ND	1.1	1.11		Trichlorofluoromethane	ND	11	1.11	
Dibromomethane	ND	1.1	1.11		1,2,3-Trichloropropane	ND	2.2	1.11	
1,2-Dichlorobenzene	ND	1.1	1.11		1,2,4-Trimethylbenzene	ND	2.2	1.11	
1,3-Dichlorobenzene	ND	1.1	1.11		1,3,5-Trimethylbenzene	ND	2.2	1.11	
1,4-Dichlorobenzene	ND	1.1	1.11		Vinyl Acetate	ND	11	1.11	
Dichlorodifluoromethane	ND	2.2	1.11		Vinyl Chloride	ND	1.1	1.11	
1,1-Dichloroethane	ND	1.1	1.11		p/m-Xylene	ND	2.2	1.11	
1,2-Dichloroethane	ND	1.1	1.11		o-Xylene	ND	1.1	1.11	
1,1-Dichloroethene	ND	1.1	1.11		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.11	
c-1,2-Dichloroethene	ND	1.1	1.11		Tert-Butyl Alcohol (TBA)	ND	22	1.11	
t-1,2-Dichloroethene	ND	1.1	1.11		Diisopropyl Ether (DIPE)	ND	1.1	1.11	
1,2-Dichloropropane	ND	1.1	1.11		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.11	
1,3-Dichloropropane	ND	1.1	1.11		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.11	
2,2-Dichloropropane	ND	5.6	1.11		Ethanol	ND	560	1.11	
1,1-Dichloropropene	ND	2.2	1.11						
<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	71-137			1,2-Dichloroethane-d4	116	58-160		
1,4-Bromofluorobenzene	84	66-126			Toluene-d8	97	87-111		

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

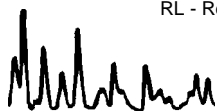
Project: DFSP NORWALK / 746441

Page 7 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-3-15	09-09-0447-15-C	09/03/09 09:30	Solid	GC/MS VV	09/04/09	09/05/09 21:03	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	46	0.926		c-1,3-Dichloropropene	ND	0.93	0.926	
Benzene	ND	0.93	0.926		t-1,3-Dichloropropene	ND	1.9	0.926	
Bromobenzene	ND	0.93	0.926		Ethylbenzene	ND	0.93	0.926	
Bromochloromethane	ND	1.9	0.926		2-Hexanone	ND	19	0.926	
Bromodichloromethane	ND	0.93	0.926		Isopropylbenzene	ND	0.93	0.926	
Bromoform	ND	4.6	0.926		p-Isopropyltoluene	ND	0.93	0.926	
Bromomethane	ND	19	0.926		Methylene Chloride	ND	9.3	0.926	
2-Butanone	ND	19	0.926		4-Methyl-2-Pentanone	ND	19	0.926	
n-Butylbenzene	ND	0.93	0.926		Naphthalene	ND	9.3	0.926	
sec-Butylbenzene	ND	0.93	0.926		n-Propylbenzene	ND	1.9	0.926	
tert-Butylbenzene	ND	0.93	0.926		Styrene	ND	0.93	0.926	
Carbon Disulfide	ND	9.3	0.926		1,1,1,2-Tetrachloroethane	ND	0.93	0.926	
Carbon Tetrachloride	ND	0.93	0.926		1,1,2,2-Tetrachloroethane	ND	1.9	0.926	
Chlorobenzene	ND	0.93	0.926		Tetrachloroethene	ND	0.93	0.926	
Chloroethane	ND	1.9	0.926		Toluene	ND	0.93	0.926	
Chloroform	ND	0.93	0.926		1,2,3-Trichlorobenzene	ND	1.9	0.926	
Chloromethane	ND	19	0.926		1,2,4-Trichlorobenzene	ND	1.9	0.926	
2-Chlorotoluene	ND	0.93	0.926		1,1,1-Trichloroethane	ND	0.93	0.926	
4-Chlorotoluene	ND	0.93	0.926		1,1,2-Trichloroethane	ND	0.93	0.926	
Dibromochloromethane	ND	1.9	0.926		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.3	0.926	
1,2-Dibromo-3-Chloropropane	ND	4.6	0.926		Trichloroethene	ND	1.9	0.926	
1,2-Dibromoethane	ND	0.93	0.926		Trichlorofluoromethane	ND	9.3	0.926	
Dibromomethane	ND	0.93	0.926		1,2,3-Trichloropropane	ND	1.9	0.926	
1,2-Dichlorobenzene	ND	0.93	0.926		1,2,4-Trimethylbenzene	ND	1.9	0.926	
1,3-Dichlorobenzene	ND	0.93	0.926		1,3,5-Trimethylbenzene	ND	1.9	0.926	
1,4-Dichlorobenzene	ND	0.93	0.926		Vinyl Acetate	ND	9.3	0.926	
Dichlorodifluoromethane	ND	1.9	0.926		Vinyl Chloride	ND	0.93	0.926	
1,1-Dichloroethane	ND	0.93	0.926		p/m-Xylene	ND	1.9	0.926	
1,2-Dichloroethane	ND	0.93	0.926		o-Xylene	ND	0.93	0.926	
1,1-Dichloroethene	ND	0.93	0.926		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.926	
c-1,2-Dichloroethene	ND	0.93	0.926		Tert-Butyl Alcohol (TBA)	ND	19	0.926	
t-1,2-Dichloroethene	ND	0.93	0.926		Diisopropyl Ether (DIPE)	ND	0.93	0.926	
1,2-Dichloropropane	ND	0.93	0.926		Ethyl-t-Butyl Ether (ETBE)	ND	0.93	0.926	
1,3-Dichloropropane	ND	0.93	0.926		Tert-Amyl-Methyl Ether (TAME)	ND	0.93	0.926	
2,2-Dichloropropane	ND	4.6	0.926		Ethanol	ND	460	0.926	
1,1-Dichloropropene	ND	1.9	0.926						
<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	112	71-137			1,2-Dichloroethane-d4	120	58-160		
1,4-Bromofluorobenzene	86	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 8 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-3-20	09-09-0447-16-C	09/03/09 09:37	Solid	GC/MS VV	09/04/09	09/05/09 21:29	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	39	0.776		c-1,3-Dichloropropene	ND	0.78	0.776	
Benzene	ND	0.78	0.776		t-1,3-Dichloropropene	ND	1.6	0.776	
Bromobenzene	ND	0.78	0.776		Ethylbenzene	ND	0.78	0.776	
Bromochloromethane	ND	1.6	0.776		2-Hexanone	ND	16	0.776	
Bromodichloromethane	ND	0.78	0.776		Isopropylbenzene	ND	0.78	0.776	
Bromoform	ND	3.9	0.776		p-Isopropyltoluene	ND	0.78	0.776	
Bromomethane	ND	16	0.776		Methylene Chloride	ND	7.8	0.776	
2-Butanone	ND	16	0.776		4-Methyl-2-Pentanone	ND	16	0.776	
n-Butylbenzene	ND	0.78	0.776		Naphthalene	ND	7.8	0.776	
sec-Butylbenzene	ND	0.78	0.776		n-Propylbenzene	ND	1.6	0.776	
tert-Butylbenzene	ND	0.78	0.776		Styrene	ND	0.78	0.776	
Carbon Disulfide	ND	7.8	0.776		1,1,1,2-Tetrachloroethane	ND	0.78	0.776	
Carbon Tetrachloride	ND	0.78	0.776		1,1,2,2-Tetrachloroethane	ND	1.6	0.776	
Chlorobenzene	ND	0.78	0.776		Tetrachloroethene	ND	0.78	0.776	
Chloroethane	ND	1.6	0.776		Toluene	1.0	0.78	0.776	
Chloroform	ND	0.78	0.776		1,2,3-Trichlorobenzene	ND	1.6	0.776	
Chloromethane	ND	16	0.776		1,2,4-Trichlorobenzene	ND	1.6	0.776	
2-Chlorotoluene	ND	0.78	0.776		1,1,1-Trichloroethane	ND	0.78	0.776	
4-Chlorotoluene	ND	0.78	0.776		1,1,2-Trichloroethane	ND	0.78	0.776	
Dibromochloromethane	ND	1.6	0.776		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.8	0.776	
1,2-Dibromo-3-Chloropropane	ND	3.9	0.776		Trichloroethene	ND	1.6	0.776	
1,2-Dibromoethane	ND	0.78	0.776		Trichlorofluoromethane	ND	7.8	0.776	
Dibromomethane	ND	0.78	0.776		1,2,3-Trichloropropane	ND	1.6	0.776	
1,2-Dichlorobenzene	ND	0.78	0.776		1,2,4-Trimethylbenzene	ND	1.6	0.776	
1,3-Dichlorobenzene	ND	0.78	0.776		1,3,5-Trimethylbenzene	ND	1.6	0.776	
1,4-Dichlorobenzene	ND	0.78	0.776		Vinyl Acetate	ND	7.8	0.776	
Dichlorodifluoromethane	ND	1.6	0.776		Vinyl Chloride	ND	0.78	0.776	
1,1-Dichloroethane	ND	0.78	0.776		p/m-Xylene	ND	1.6	0.776	
1,2-Dichloroethane	ND	0.78	0.776		o-Xylene	ND	0.78	0.776	
1,1-Dichloroethene	ND	0.78	0.776		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.776	
c-1,2-Dichloroethene	ND	0.78	0.776		Tert-Butyl Alcohol (TBA)	ND	16	0.776	
t-1,2-Dichloroethene	ND	0.78	0.776		Diisopropyl Ether (DIPE)	ND	0.78	0.776	
1,2-Dichloropropane	ND	0.78	0.776		Ethyl-t-Butyl Ether (ETBE)	ND	0.78	0.776	
1,3-Dichloropropane	ND	0.78	0.776		Tert-Amyl-Methyl Ether (TAME)	ND	0.78	0.776	
2,2-Dichloropropane	ND	3.9	0.776		Ethanol	ND	390	0.776	
1,1-Dichloropropene	ND	1.6	0.776						
<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	111	71-137		1,2-Dichloroethane-d4	111	58-160			
1,4-Bromofluorobenzene	83	66-126		Toluene-d8	97	87-111			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

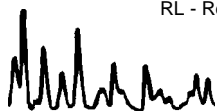
Project: DFSP NORWALK / 746441

Page 9 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-3-25	09-09-0447-17-C	09/03/09 09:48	Solid	GC/MS S	09/04/09	09/09/09 17:25	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	58	1.17		c-1,3-Dichloropropene	ND	1.2	1.17	
Benzene	ND	1.2	1.17		t-1,3-Dichloropropene	ND	2.3	1.17	
Bromobenzene	ND	1.2	1.17		Ethylbenzene	ND	1.2	1.17	
Bromochloromethane	ND	2.3	1.17		2-Hexanone	ND	23	1.17	
Bromodichloromethane	ND	1.2	1.17		Isopropylbenzene	ND	1.2	1.17	
Bromoform	ND	5.8	1.17		p-Isopropyltoluene	ND	1.2	1.17	
Bromomethane	ND	23	1.17		Methylene Chloride	ND	12	1.17	
2-Butanone	ND	23	1.17		4-Methyl-2-Pentanone	ND	23	1.17	
n-Butylbenzene	ND	1.2	1.17		Naphthalene	ND	12	1.17	
sec-Butylbenzene	ND	1.2	1.17		n-Propylbenzene	ND	2.3	1.17	
tert-Butylbenzene	ND	1.2	1.17		Styrene	ND	1.2	1.17	
Carbon Disulfide	ND	12	1.17		1,1,1,2-Tetrachloroethane	ND	1.2	1.17	
Carbon Tetrachloride	ND	1.2	1.17		1,1,2,2-Tetrachloroethane	ND	2.3	1.17	
Chlorobenzene	ND	1.2	1.17		Tetrachloroethene	ND	1.2	1.17	
Chloroethane	ND	2.3	1.17		Toluene	ND	1.2	1.17	
Chloroform	ND	1.2	1.17		1,2,3-Trichlorobenzene	ND	2.3	1.17	
Chloromethane	ND	23	1.17		1,2,4-Trichlorobenzene	ND	2.3	1.17	
2-Chlorotoluene	ND	1.2	1.17		1,1,1-Trichloroethane	ND	1.2	1.17	
4-Chlorotoluene	ND	1.2	1.17		1,1,2-Trichloroethane	ND	1.2	1.17	
Dibromochloromethane	ND	2.3	1.17		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	12	1.17	
1,2-Dibromo-3-Chloropropane	ND	5.8	1.17		Trichloroethene	ND	2.3	1.17	
1,2-Dibromoethane	ND	1.2	1.17		Trichlorofluoromethane	ND	12	1.17	
Dibromomethane	ND	1.2	1.17		1,2,3-Trichloropropane	ND	2.3	1.17	
1,2-Dichlorobenzene	ND	1.2	1.17		1,2,4-Trimethylbenzene	ND	2.3	1.17	
1,3-Dichlorobenzene	ND	1.2	1.17		1,3,5-Trimethylbenzene	ND	2.3	1.17	
1,4-Dichlorobenzene	ND	1.2	1.17		Vinyl Acetate	ND	12	1.17	
Dichlorodifluoromethane	ND	2.3	1.17		Vinyl Chloride	ND	1.2	1.17	
1,1-Dichloroethane	ND	1.2	1.17		p/m-Xylene	ND	2.3	1.17	
1,2-Dichloroethane	ND	1.2	1.17		o-Xylene	ND	1.2	1.17	
1,1-Dichloroethene	ND	1.2	1.17		Methyl-t-Butyl Ether (MTBE)	ND	2.3	1.17	
c-1,2-Dichloroethene	ND	1.2	1.17		Tert-Butyl Alcohol (TBA)	ND	23	1.17	
t-1,2-Dichloroethene	ND	1.2	1.17		Diisopropyl Ether (DIPE)	ND	1.2	1.17	
1,2-Dichloropropane	ND	1.2	1.17		Ethyl-t-Butyl Ether (ETBE)	ND	1.2	1.17	
1,3-Dichloropropane	ND	1.2	1.17		Tert-Amyl-Methyl Ether (TAME)	ND	1.2	1.17	
2,2-Dichloropropane	ND	5.8	1.17		Ethanol	ND	580	1.17	
1,1-Dichloropropene	ND	2.3	1.17						
<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	110	71-137			1,2-Dichloroethane-d4	119	58-160		
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

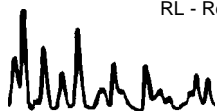
Page 10 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-5	09-09-0447-18-E	09/03/09 10:26	Solid	GC/MS S	09/04/09	09/09/09 23:14	090909L02

Comment(s): -The reporting limit is elevated resulting from matrix interference.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4500	90.7		c-1,3-Dichloropropene	ND	91	90.7	
Benzene	ND	91	90.7		t-1,3-Dichloropropene	ND	180	90.7	
Bromobenzene	ND	91	90.7		Ethylbenzene	ND	91	90.7	
Bromochloromethane	ND	180	90.7		2-Hexanone	ND	1800	90.7	
Bromodichloromethane	ND	91	90.7		Isopropylbenzene	ND	91	90.7	
Bromoform	ND	450	90.7		p-Isopropyltoluene	ND	91	90.7	
Bromomethane	ND	1800	90.7		Methylene Chloride	ND	910	90.7	
2-Butanone	ND	1800	90.7		4-Methyl-2-Pentanone	ND	1800	90.7	
n-Butylbenzene	ND	91	90.7		Naphthalene	ND	910	90.7	
sec-Butylbenzene	ND	91	90.7		n-Propylbenzene	ND	180	90.7	
tert-Butylbenzene	ND	91	90.7		Styrene	170	91	90.7	
Carbon Disulfide	ND	910	90.7		1,1,1,2-Tetrachloroethane	ND	91	90.7	
Carbon Tetrachloride	ND	91	90.7		1,1,2,2-Tetrachloroethane	ND	180	90.7	
Chlorobenzene	ND	91	90.7		Tetrachloroethane	ND	91	90.7	
Chloroethane	ND	180	90.7		Toluene	ND	91	90.7	
Chloroform	ND	91	90.7		1,2,3-Trichlorobenzene	ND	180	90.7	
Chloromethane	ND	1800	90.7		1,2,4-Trichlorobenzene	ND	180	90.7	
2-Chlorotoluene	ND	91	90.7		1,1,1-Trichloroethane	ND	91	90.7	
4-Chlorotoluene	ND	91	90.7		1,1,2-Trichloroethane	ND	91	90.7	
Dibromochloromethane	ND	180	90.7		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	910	90.7	
1,2-Dibromo-3-Chloropropane	ND	450	90.7		Trichloroethene	ND	180	90.7	
1,2-Dibromoethane	ND	91	90.7		Trichlorofluoromethane	ND	910	90.7	
Dibromomethane	ND	91	90.7		1,2,3-Trichloropropane	ND	180	90.7	
1,2-Dichlorobenzene	ND	91	90.7		1,2,4-Trimethylbenzene	ND	180	90.7	
1,3-Dichlorobenzene	ND	91	90.7		1,3,5-Trimethylbenzene	ND	180	90.7	
1,4-Dichlorobenzene	ND	91	90.7		Vinyl Acetate	ND	910	90.7	
Dichlorodifluoromethane	ND	180	90.7		Vinyl Chloride	ND	91	90.7	
1,1-Dichloroethane	ND	91	90.7		p/m-Xylene	ND	180	90.7	
1,2-Dichloroethane	ND	91	90.7		o-Xylene	ND	91	90.7	
1,1-Dichloroethene	ND	91	90.7		Methyl-t-Butyl Ether (MTBE)	ND	180	90.7	
c-1,2-Dichloroethene	ND	91	90.7		Tert-Butyl Alcohol (TBA)	ND	1800	90.7	
t-1,2-Dichloroethene	ND	91	90.7		Diisopropyl Ether (DIPE)	ND	91	90.7	
1,2-Dichloropropane	ND	91	90.7		Ethyl-t-Butyl Ether (ETBE)	ND	91	90.7	
1,3-Dichloropropane	ND	91	90.7		Tert-Amyl-Methyl Ether (TAME)	ND	91	90.7	
2,2-Dichloropropane	ND	450	90.7		Ethanol	ND	45000	90.7	
1,1-Dichloropropene	ND	180	90.7						
<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	98	71-137			1,2-Dichloroethane-d4	103	58-160		
1,4-Bromofluorobenzene	104	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 11 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-10	09-09-0447-19-C	09/03/09 10:32	Solid	GC/MS S	09/04/09	09/09/09 17:55	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.05		c-1,3-Dichloropropene	ND	1.0	1.05	
Benzene	ND	1.0	1.05		t-1,3-Dichloropropene	ND	2.1	1.05	
Bromobenzene	ND	1.0	1.05		Ethylbenzene	ND	1.0	1.05	
Bromochloromethane	ND	2.1	1.05		2-Hexanone	ND	21	1.05	
Bromodichloromethane	ND	1.0	1.05		Isopropylbenzene	ND	1.0	1.05	
Bromoform	ND	5.2	1.05		p-Isopropyltoluene	ND	1.0	1.05	
Bromomethane	ND	21	1.05		Methylene Chloride	ND	10	1.05	
2-Butanone	ND	21	1.05		4-Methyl-2-Pentanone	ND	21	1.05	
n-Butylbenzene	ND	1.0	1.05		Naphthalene	ND	10	1.05	
sec-Butylbenzene	ND	1.0	1.05		n-Propylbenzene	ND	2.1	1.05	
tert-Butylbenzene	ND	1.0	1.05		Styrene	ND	1.0	1.05	
Carbon Disulfide	ND	10	1.05		1,1,1,2-Tetrachloroethane	ND	1.0	1.05	
Carbon Tetrachloride	ND	1.0	1.05		1,1,2,2-Tetrachloroethane	ND	2.1	1.05	
Chlorobenzene	ND	1.0	1.05		Tetrachloroethene	ND	1.0	1.05	
Chloroethane	ND	2.1	1.05		Toluene	ND	1.0	1.05	
Chloroform	ND	1.0	1.05		1,2,3-Trichlorobenzene	ND	2.1	1.05	
Chloromethane	ND	21	1.05		1,2,4-Trichlorobenzene	ND	2.1	1.05	
2-Chlorotoluene	ND	1.0	1.05		1,1,1-Trichloroethane	ND	1.0	1.05	
4-Chlorotoluene	ND	1.0	1.05		1,1,2-Trichloroethane	ND	1.0	1.05	
Dibromochloromethane	ND	2.1	1.05		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.05	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.05		Trichloroethene	ND	2.1	1.05	
1,2-Dibromoethane	ND	1.0	1.05		Trichlorofluoromethane	ND	10	1.05	
Dibromomethane	ND	1.0	1.05		1,2,3-Trichloropropane	ND	2.1	1.05	
1,2-Dichlorobenzene	ND	1.0	1.05		1,2,4-Trimethylbenzene	ND	2.1	1.05	
1,3-Dichlorobenzene	ND	1.0	1.05		1,3,5-Trimethylbenzene	ND	2.1	1.05	
1,4-Dichlorobenzene	ND	1.0	1.05		Vinyl Acetate	ND	10	1.05	
Dichlorodifluoromethane	ND	2.1	1.05		Vinyl Chloride	ND	1.0	1.05	
1,1-Dichloroethane	ND	1.0	1.05		p/m-Xylene	ND	2.1	1.05	
1,2-Dichloroethane	ND	1.0	1.05		o-Xylene	ND	1.0	1.05	
1,1-Dichloroethene	ND	1.0	1.05		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.05	
c-1,2-Dichloroethene	ND	1.0	1.05		Tert-Butyl Alcohol (TBA)	ND	21	1.05	
t-1,2-Dichloroethene	ND	1.0	1.05		Diisopropyl Ether (DIPE)	ND	1.0	1.05	
1,2-Dichloropropane	ND	1.0	1.05		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1.05	
1,3-Dichloropropane	ND	1.0	1.05		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1.05	
2,2-Dichloropropane	ND	5.2	1.05		Ethanol	ND	520	1.05	
1,1-Dichloropropene	ND	2.1	1.05						
<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	71-137			1,2-Dichloroethane-d4	119	58-160		
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	101	87-111		

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





## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

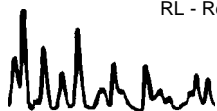
Project: DFSP NORWALK / 746441

Page 12 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-15	09-09-0447-20-C	09/03/09 10:36	Solid	GC/MS S	09/04/09	09/09/09 18:24	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.07		c-1,3-Dichloropropene	ND	1.1	1.07	
Benzene	ND	1.1	1.07		t-1,3-Dichloropropene	ND	2.1	1.07	
Bromobenzene	ND	1.1	1.07		Ethylbenzene	ND	1.1	1.07	
Bromochloromethane	ND	2.1	1.07		2-Hexanone	ND	21	1.07	
Bromodichloromethane	ND	1.1	1.07		Isopropylbenzene	ND	1.1	1.07	
Bromoform	ND	5.4	1.07		p-Isopropyltoluene	ND	1.1	1.07	
Bromomethane	ND	21	1.07		Methylene Chloride	ND	11	1.07	
2-Butanone	ND	21	1.07		4-Methyl-2-Pentanone	ND	21	1.07	
n-Butylbenzene	ND	1.1	1.07		Naphthalene	ND	11	1.07	
sec-Butylbenzene	ND	1.1	1.07		n-Propylbenzene	ND	2.1	1.07	
tert-Butylbenzene	ND	1.1	1.07		Styrene	ND	1.1	1.07	
Carbon Disulfide	ND	11	1.07		1,1,1,2-Tetrachloroethane	ND	1.1	1.07	
Carbon Tetrachloride	ND	1.1	1.07		1,1,2,2-Tetrachloroethane	ND	2.1	1.07	
Chlorobenzene	ND	1.1	1.07		Tetrachloroethene	ND	1.1	1.07	
Chloroethane	ND	2.1	1.07		Toluene	ND	1.1	1.07	
Chloroform	ND	1.1	1.07		1,2,3-Trichlorobenzene	ND	2.1	1.07	
Chloromethane	ND	21	1.07		1,2,4-Trichlorobenzene	ND	2.1	1.07	
2-Chlorotoluene	ND	1.1	1.07		1,1,1-Trichloroethane	ND	1.1	1.07	
4-Chlorotoluene	ND	1.1	1.07		1,1,2-Trichloroethane	ND	1.1	1.07	
Dibromochloromethane	ND	2.1	1.07		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.07	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.07		Trichloroethene	ND	2.1	1.07	
1,2-Dibromoethane	ND	1.1	1.07		Trichlorofluoromethane	ND	11	1.07	
Dibromomethane	ND	1.1	1.07		1,2,3-Trichloropropane	ND	2.1	1.07	
1,2-Dichlorobenzene	ND	1.1	1.07		1,2,4-Trimethylbenzene	ND	2.1	1.07	
1,3-Dichlorobenzene	ND	1.1	1.07		1,3,5-Trimethylbenzene	ND	2.1	1.07	
1,4-Dichlorobenzene	ND	1.1	1.07		Vinyl Acetate	ND	11	1.07	
Dichlorodifluoromethane	ND	2.1	1.07		Vinyl Chloride	ND	1.1	1.07	
1,1-Dichloroethane	ND	1.1	1.07		p/m-Xylene	ND	2.1	1.07	
1,2-Dichloroethane	ND	1.1	1.07		o-Xylene	ND	1.1	1.07	
1,1-Dichloroethene	ND	1.1	1.07		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.07	
c-1,2-Dichloroethene	ND	1.1	1.07		Tert-Butyl Alcohol (TBA)	ND	21	1.07	
t-1,2-Dichloroethene	ND	1.1	1.07		Diisopropyl Ether (DIPE)	ND	1.1	1.07	
1,2-Dichloropropane	ND	1.1	1.07		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.07	
1,3-Dichloropropane	ND	1.1	1.07		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.07	
2,2-Dichloropropane	ND	5.4	1.07		Ethanol	ND	540	1.07	
1,1-Dichloropropene	ND	2.1	1.07						
<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	114	71-137			1,2-Dichloroethane-d4	121	58-160		
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	102	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

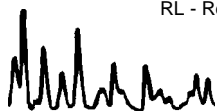
Project: DFSP NORWALK / 746441

Page 13 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-20	09-09-0447-21-E	09/03/09 10:43	Solid	GC/MS S	09/04/09	09/09/09 23:43	090909L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4100	82		c-1,3-Dichloropropene	ND	82	82	
Benzene	ND	82	82		t-1,3-Dichloropropene	ND	160	82	
Bromobenzene	ND	82	82		Ethylbenzene	480	82	82	
Bromochloromethane	ND	160	82		2-Hexanone	ND	1600	82	
Bromodichloromethane	ND	82	82		Isopropylbenzene	390	82	82	
Bromoform	ND	410	82		p-Isopropyltoluene	440	82	82	
Bromomethane	ND	1600	82		Methylene Chloride	ND	820	82	
2-Butanone	ND	1600	82		4-Methyl-2-Pentanone	ND	1600	82	
n-Butylbenzene	460	82	82		Naphthalene	ND	820	82	
sec-Butylbenzene	270	82	82		n-Propylbenzene	540	160	82	
tert-Butylbenzene	ND	82	82		Styrene	ND	82	82	
Carbon Disulfide	ND	820	82		1,1,1,2-Tetrachloroethane	ND	82	82	
Carbon Tetrachloride	ND	82	82		1,1,2,2-Tetrachloroethane	ND	160	82	
Chlorobenzene	ND	82	82		Tetrachloroethene	ND	82	82	
Chloroethane	ND	160	82		Toluene	86	82	82	
Chloroform	ND	82	82		1,2,3-Trichlorobenzene	ND	160	82	
Chloromethane	ND	1600	82		1,2,4-Trichlorobenzene	ND	160	82	
2-Chlorotoluene	ND	82	82		1,1,1-Trichloroethane	ND	82	82	
4-Chlorotoluene	ND	82	82		1,1,2-Trichloroethane	ND	82	82	
Dibromochloromethane	ND	160	82		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	820	82	
1,2-Dibromo-3-Chloropropane	ND	410	82		Trichloroethene	ND	160	82	
1,2-Dibromoethane	ND	82	82		Trichlorofluoromethane	ND	820	82	
Dibromomethane	ND	82	82		1,2,3-Trichloropropane	ND	160	82	
1,2-Dichlorobenzene	ND	82	82		1,2,4-Trimethylbenzene	1000	160	82	
1,3-Dichlorobenzene	ND	82	82		1,3,5-Trimethylbenzene	1100	160	82	
1,4-Dichlorobenzene	ND	82	82		Vinyl Acetate	ND	820	82	
Dichlorodifluoromethane	ND	160	82		Vinyl Chloride	ND	82	82	
1,1-Dichloroethane	ND	82	82		p/m-Xylene	270	160	82	
1,2-Dichloroethane	ND	82	82		o-Xylene	ND	82	82	
1,1-Dichloroethene	ND	82	82		Methyl-t-Butyl Ether (MTBE)	ND	160	82	
c-1,2-Dichloroethene	ND	82	82		Tert-Butyl Alcohol (TBA)	ND	1600	82	
t-1,2-Dichloroethene	ND	82	82		Diisopropyl Ether (DIPE)	ND	82	82	
1,2-Dichloropropane	ND	82	82		Ethyl-t-Butyl Ether (ETBE)	ND	82	82	
1,3-Dichloropropane	ND	82	82		Tert-Amyl-Methyl Ether (TAME)	ND	82	82	
2,2-Dichloropropane	ND	410	82		Ethanol	ND	41000	82	
1,1-Dichloropropene	ND	160	82						
<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	94	71-137			1,2-Dichloroethane-d4	97	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	111	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

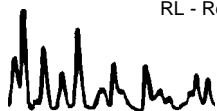
Project: DFSP NORWALK / 746441

Page 14 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-4-25	09-09-0447-22-E	09/03/09 10:48	Solid	GC/MS S	09/04/09	09/10/09 15:42	090910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4500	90.1		c-1,3-Dichloropropene	ND	90	90.1	
Benzene	390	90	90.1		t-1,3-Dichloropropene	ND	180	90.1	
Bromobenzene	ND	90	90.1		Ethylbenzene	15000	90	90.1	
Bromochloromethane	ND	180	90.1		2-Hexanone	ND	1800	90.1	
Bromodichloromethane	ND	90	90.1		Isopropylbenzene	9700	90	90.1	
Bromoform	ND	450	90.1		p-Isopropyltoluene	12000	90	90.1	
Bromomethane	ND	1800	90.1		Methylene Chloride	ND	900	90.1	
2-Butanone	ND	1800	90.1		4-Methyl-2-Pentanone	ND	1800	90.1	
n-Butylbenzene	14000	90	90.1		Naphthalene	34000	9000	90.1	
sec-Butylbenzene	6400	90	90.1		n-Propylbenzene	17000	180	90.1	
tert-Butylbenzene	360	90	90.1		Styrene	ND	90	90.1	
Carbon Disulfide	ND	900	90.1		1,1,1,2-Tetrachloroethane	ND	90	90.1	
Carbon Tetrachloride	ND	90	90.1		1,1,2,2-Tetrachloroethane	ND	180	90.1	
Chlorobenzene	ND	90	90.1		Tetrachloroethene	ND	90	90.1	
Chloroethane	ND	180	90.1		Toluene	3300	90	90.1	
Chloroform	220	90	90.1		1,2,3-Trichlorobenzene	ND	180	90.1	
Chloromethane	ND	1800	90.1		1,2,4-Trichlorobenzene	ND	180	90.1	
2-Chlorotoluene	ND	90	90.1		1,1,1-Trichloroethane	ND	90	90.1	
4-Chlorotoluene	ND	90	90.1		1,1,2-Trichloroethane	ND	90	90.1	
Dibromochloromethane	ND	180	90.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	900	90.1	
1,2-Dibromo-3-Chloropropane	ND	450	90.1		Trichloroethene	ND	180	90.1	
1,2-Dibromoethane	ND	90	90.1		Trichlorofluoromethane	ND	900	90.1	
Dibromomethane	ND	90	90.1		1,2,3-Trichloropropane	ND	180	90.1	
1,2-Dichlorobenzene	ND	90	90.1		1,2,4-Trimethylbenzene	99000	1800	90.1	
1,3-Dichlorobenzene	ND	90	90.1		1,3,5-Trimethylbenzene	38000	1800	90.1	
1,4-Dichlorobenzene	ND	90	90.1		Vinyl Acetate	ND	900	90.1	
Dichlorodifluoromethane	ND	180	90.1		Vinyl Chloride	ND	90	90.1	
1,1-Dichloroethane	ND	90	90.1		p/m-Xylene	32000	180	90.1	
1,2-Dichloroethane	ND	90	90.1		o-Xylene	19000	900	90.1	
1,1-Dichloroethene	ND	90	90.1		Methyl-t-Butyl Ether (MTBE)	ND	180	90.1	
c-1,2-Dichloroethene	ND	90	90.1		Tert-Butyl Alcohol (TBA)	ND	1800	90.1	
t-1,2-Dichloroethene	ND	90	90.1		Diisopropyl Ether (DIPE)	ND	90	90.1	
1,2-Dichloropropane	ND	90	90.1		Ethyl-t-Butyl Ether (ETBE)	ND	90	90.1	
1,3-Dichloropropane	ND	90	90.1		Tert-Amyl-Methyl Ether (TAME)	ND	90	90.1	
2,2-Dichloropropane	ND	450	90.1		Ethanol	ND	45000	90.1	
1,1-Dichloropropene	ND	180	90.1						
<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	92	71-137			1,2-Dichloroethane-d4	97	58-160		
1,4-Bromofluorobenzene	102	66-126			Toluene-d8	123	87-111		2,1

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

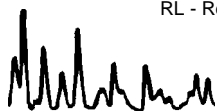
Project: DFSP NORWALK / 746441

Page 15 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-5-10	09-09-0447-24-C	09/03/09 11:58	Solid	GC/MS S	09/04/09	09/09/09 18:53	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.04		c-1,3-Dichloropropene	ND	1.0	1.04	
Benzene	ND	1.0	1.04		t-1,3-Dichloropropene	ND	2.1	1.04	
Bromobenzene	ND	1.0	1.04		Ethylbenzene	ND	1.0	1.04	
Bromochloromethane	ND	2.1	1.04		2-Hexanone	ND	21	1.04	
Bromodichloromethane	ND	1.0	1.04		Isopropylbenzene	ND	1.0	1.04	
Bromoform	ND	5.2	1.04		p-Isopropyltoluene	ND	1.0	1.04	
Bromomethane	ND	21	1.04		Methylene Chloride	ND	10	1.04	
2-Butanone	ND	21	1.04		4-Methyl-2-Pentanone	ND	21	1.04	
n-Butylbenzene	ND	1.0	1.04		Naphthalene	ND	10	1.04	
sec-Butylbenzene	ND	1.0	1.04		n-Propylbenzene	ND	2.1	1.04	
tert-Butylbenzene	ND	1.0	1.04		Styrene	ND	1.0	1.04	
Carbon Disulfide	ND	10	1.04		1,1,1,2-Tetrachloroethane	ND	1.0	1.04	
Carbon Tetrachloride	ND	1.0	1.04		1,1,2,2-Tetrachloroethane	ND	2.1	1.04	
Chlorobenzene	ND	1.0	1.04		Tetrachloroethene	ND	1.0	1.04	
Chloroethane	ND	2.1	1.04		Toluene	ND	1.0	1.04	
Chloroform	ND	1.0	1.04		1,2,3-Trichlorobenzene	ND	2.1	1.04	
Chloromethane	ND	21	1.04		1,2,4-Trichlorobenzene	ND	2.1	1.04	
2-Chlorotoluene	ND	1.0	1.04		1,1,1-Trichloroethane	ND	1.0	1.04	
4-Chlorotoluene	ND	1.0	1.04		1,1,2-Trichloroethane	ND	1.0	1.04	
Dibromochloromethane	ND	2.1	1.04		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.04	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.04		Trichloroethene	ND	2.1	1.04	
1,2-Dibromoethane	ND	1.0	1.04		Trichlorofluoromethane	ND	10	1.04	
Dibromomethane	ND	1.0	1.04		1,2,3-Trichloropropane	ND	2.1	1.04	
1,2-Dichlorobenzene	ND	1.0	1.04		1,2,4-Trimethylbenzene	ND	2.1	1.04	
1,3-Dichlorobenzene	ND	1.0	1.04		1,3,5-Trimethylbenzene	ND	2.1	1.04	
1,4-Dichlorobenzene	ND	1.0	1.04		Vinyl Acetate	ND	10	1.04	
Dichlorodifluoromethane	ND	2.1	1.04		Vinyl Chloride	ND	1.0	1.04	
1,1-Dichloroethane	ND	1.0	1.04		p/m-Xylene	ND	2.1	1.04	
1,2-Dichloroethane	ND	1.0	1.04		o-Xylene	ND	1.0	1.04	
1,1-Dichloroethene	ND	1.0	1.04		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.04	
c-1,2-Dichloroethene	ND	1.0	1.04		Tert-Butyl Alcohol (TBA)	ND	21	1.04	
t-1,2-Dichloroethene	ND	1.0	1.04		Diisopropyl Ether (DIPE)	ND	1.0	1.04	
1,2-Dichloropropane	ND	1.0	1.04		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1.04	
1,3-Dichloropropane	ND	1.0	1.04		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1.04	
2,2-Dichloropropane	ND	5.2	1.04		Ethanol	ND	520	1.04	
1,1-Dichloropropene	ND	2.1	1.04						
<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	114	71-137			1,2-Dichloroethane-d4	124	58-160		
1,4-Bromofluorobenzene	93	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 16 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-5-15	09-09-0447-25-C	09/03/09 12:04	Solid	GC/MS S	09/04/09	09/09/09 19:22	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.09		c-1,3-Dichloropropene	ND	1.1	1.09	
Benzene	ND	1.1	1.09		t-1,3-Dichloropropene	ND	2.2	1.09	
Bromobenzene	ND	1.1	1.09		Ethylbenzene	ND	1.1	1.09	
Bromochloromethane	ND	2.2	1.09		2-Hexanone	ND	22	1.09	
Bromodichloromethane	ND	1.1	1.09		Isopropylbenzene	ND	1.1	1.09	
Bromoform	ND	5.4	1.09		p-Isopropyltoluene	ND	1.1	1.09	
Bromomethane	ND	22	1.09		Methylene Chloride	ND	11	1.09	
2-Butanone	ND	22	1.09		4-Methyl-2-Pentanone	ND	22	1.09	
n-Butylbenzene	ND	1.1	1.09		Naphthalene	ND	11	1.09	
sec-Butylbenzene	ND	1.1	1.09		n-Propylbenzene	ND	2.2	1.09	
tert-Butylbenzene	ND	1.1	1.09		Styrene	ND	1.1	1.09	
Carbon Disulfide	ND	11	1.09		1,1,1,2-Tetrachloroethane	ND	1.1	1.09	
Carbon Tetrachloride	ND	1.1	1.09		1,1,2,2-Tetrachloroethane	ND	2.2	1.09	
Chlorobenzene	ND	1.1	1.09		Tetrachloroethene	ND	1.1	1.09	
Chloroethane	ND	2.2	1.09		Toluene	2.2	1.1	1.09	
Chloroform	ND	1.1	1.09		1,2,3-Trichlorobenzene	ND	2.2	1.09	
Chloromethane	ND	22	1.09		1,2,4-Trichlorobenzene	ND	2.2	1.09	
2-Chlorotoluene	ND	1.1	1.09		1,1,1-Trichloroethane	ND	1.1	1.09	
4-Chlorotoluene	ND	1.1	1.09		1,1,2-Trichloroethane	ND	1.1	1.09	
Dibromochloromethane	ND	2.2	1.09		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.09	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.09		Trichloroethene	ND	2.2	1.09	
1,2-Dibromoethane	ND	1.1	1.09		Trichlorofluoromethane	ND	11	1.09	
Dibromomethane	ND	1.1	1.09		1,2,3-Trichloropropane	ND	2.2	1.09	
1,2-Dichlorobenzene	ND	1.1	1.09		1,2,4-Trimethylbenzene	ND	2.2	1.09	
1,3-Dichlorobenzene	ND	1.1	1.09		1,3,5-Trimethylbenzene	ND	2.2	1.09	
1,4-Dichlorobenzene	ND	1.1	1.09		Vinyl Acetate	ND	11	1.09	
Dichlorodifluoromethane	ND	2.2	1.09		Vinyl Chloride	ND	1.1	1.09	
1,1-Dichloroethane	ND	1.1	1.09		p/m-Xylene	ND	2.2	1.09	
1,2-Dichloroethane	ND	1.1	1.09		o-Xylene	ND	1.1	1.09	
1,1-Dichloroethene	ND	1.1	1.09		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.09	
c-1,2-Dichloroethene	ND	1.1	1.09		Tert-Butyl Alcohol (TBA)	ND	22	1.09	
t-1,2-Dichloroethene	ND	1.1	1.09		Diisopropyl Ether (DIPE)	ND	1.1	1.09	
1,2-Dichloropropane	ND	1.1	1.09		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.09	
1,3-Dichloropropane	ND	1.1	1.09		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.09	
2,2-Dichloropropane	ND	5.4	1.09		Ethanol	ND	540	1.09	
1,1-Dichloropropene	ND	2.2	1.09						
<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	117	71-137			1,2-Dichloroethane-d4	124	58-160		
1,4-Bromofluorobenzene	91	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

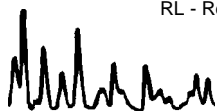
Project: DFSP NORWALK / 746441

Page 17 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-5-20	09-09-0447-26-E	09/03/09 12:09	Solid	GC/MS S	09/04/09	09/10/09 16:11	090910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4000	79.9		c-1,3-Dichloropropene	ND	80	79.9	
Benzene	ND	80	79.9		t-1,3-Dichloropropene	ND	160	79.9	
Bromobenzene	ND	80	79.9		Ethylbenzene	1700	80	79.9	
Bromochloromethane	ND	160	79.9		2-Hexanone	ND	1600	79.9	
Bromodichloromethane	ND	80	79.9		Isopropylbenzene	1700	80	79.9	
Bromoform	ND	400	79.9		p-Isopropyltoluene	3300	80	79.9	
Bromomethane	ND	1600	79.9		Methylene Chloride	ND	800	79.9	
2-Butanone	ND	1600	79.9		4-Methyl-2-Pentanone	ND	1600	79.9	
n-Butylbenzene	4100	80	79.9		Naphthalene	8200	800	79.9	
sec-Butylbenzene	2000	80	79.9		n-Propylbenzene	3200	160	79.9	
tert-Butylbenzene	88	80	79.9		Styrene	ND	80	79.9	
Carbon Disulfide	ND	800	79.9		1,1,1,2-Tetrachloroethane	ND	80	79.9	
Carbon Tetrachloride	ND	80	79.9		1,1,2,2-Tetrachloroethane	ND	160	79.9	
Chlorobenzene	ND	80	79.9		Tetrachloroethene	ND	80	79.9	
Chloroethane	ND	160	79.9		Toluene	ND	80	79.9	
Chloroform	ND	80	79.9		1,2,3-Trichlorobenzene	ND	160	79.9	
Chloromethane	ND	1600	79.9		1,2,4-Trichlorobenzene	ND	160	79.9	
2-Chlorotoluene	ND	80	79.9		1,1,1-Trichloroethane	ND	80	79.9	
4-Chlorotoluene	ND	80	79.9		1,1,2-Trichloroethane	ND	80	79.9	
Dibromochloromethane	ND	160	79.9		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	800	79.9	
1,2-Dibromo-3-Chloropropane	ND	400	79.9		Trichloroethene	ND	160	79.9	
1,2-Dibromoethane	ND	80	79.9		Trichlorofluoromethane	ND	800	79.9	
Dibromomethane	ND	80	79.9		1,2,3-Trichloropropane	ND	160	79.9	
1,2-Dichlorobenzene	ND	80	79.9		1,2,4-Trimethylbenzene	4100	160	79.9	
1,3-Dichlorobenzene	ND	80	79.9		1,3,5-Trimethylbenzene	2000	160	79.9	
1,4-Dichlorobenzene	ND	80	79.9		Vinyl Acetate	ND	800	79.9	
Dichlorodifluoromethane	ND	160	79.9		Vinyl Chloride	ND	80	79.9	
1,1-Dichloroethane	ND	80	79.9		p/m-Xylene	520	160	79.9	
1,2-Dichloroethane	ND	80	79.9		o-Xylene	ND	80	79.9	
1,1-Dichloroethene	ND	80	79.9		Methyl-t-Butyl Ether (MTBE)	ND	160	79.9	
c-1,2-Dichloroethene	ND	80	79.9		Tert-Butyl Alcohol (TBA)	ND	1600	79.9	
t-1,2-Dichloroethene	ND	80	79.9		Diisopropyl Ether (DIPE)	ND	80	79.9	
1,2-Dichloropropane	ND	80	79.9		Ethyl-t-Butyl Ether (ETBE)	ND	80	79.9	
1,3-Dichloropropane	ND	80	79.9		Tert-Amyl-Methyl Ether (TAME)	ND	80	79.9	
2,2-Dichloropropane	ND	400	79.9		Ethanol	ND	40000	79.9	
1,1-Dichloropropene	ND	160	79.9						
<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	94	71-137			1,2-Dichloroethane-d4	96	58-160		
1,4-Bromofluorobenzene	104	66-126			Toluene-d8	115	87-111		2,1

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

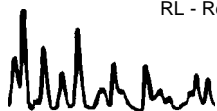
Project: DFSP NORWALK / 746441

Page 18 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,143	N/A	Solid	GC/MS VV	09/05/09	09/05/09 17:37	090905L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	100	58-160		
1,4-Bromofluorobenzene	86	66-126			Toluene-d8	97	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

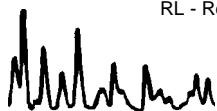
Project: DFSP NORWALK / 746441

Page 19 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,151	N/A	Solid	GC/MS S	09/09/09	09/09/09 16:55	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	90	66-126			Toluene-d8	99	87-111		

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





## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

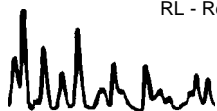
Project: DFSP NORWALK / 746441

Page 20 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,152	N/A	Solid	GC/MS S	09/09/09	09/09/09 16:25	090909L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	110	58-160		
1,4-Bromofluorobenzene	91	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 21 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,159	N/A	Solid	GC/MS S	09/10/09	09/10/09 14:41	090910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	103	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg


Project: DFSP NORWALK / 746441

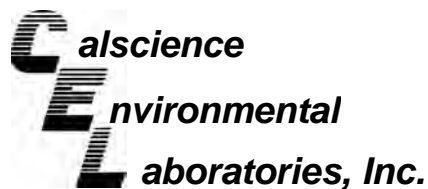
Page 22 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,162	N/A	Solid	GC/MS S	09/11/09	09/11/09 15:21	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	104	58-160		
1,4-Bromofluorobenzene	99	66-126			Toluene-d8	100	87-111		

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





## Quality Control - Spike/Spike Duplicate



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

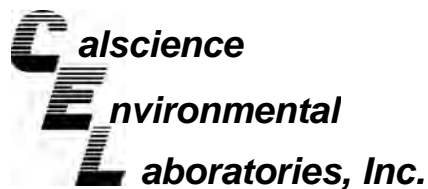
Date Received: 09/04/09  
Work Order No: 09-09-0447  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
DPT-3-20	Solid	GC 27	09/09/09	09/09/09	090909S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as JP5	96	95	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

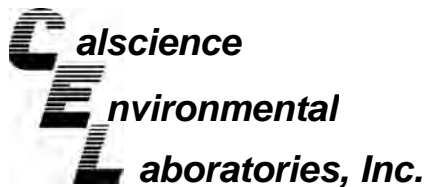
Date Received: N/A  
Work Order No: 09-09-0447  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-295-27	Solid	GC 27	09/09/09	09/09/09	090909B01

<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 JP5	96	97	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

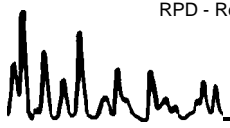
Date Received: N/A  
Work Order No: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

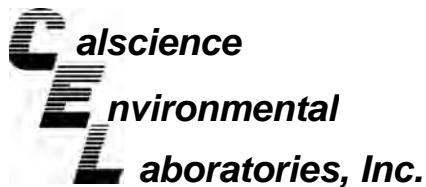
Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,659	Solid	GC 4	09/09/09	09/09/09	090909B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	102	101	55-139	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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

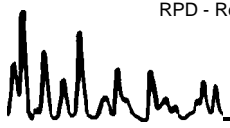
Date Received: N/A  
 Work Order No: 09-09-0447  
 Preparation: EPA 5035  
 Method: EPA 8015B (M)

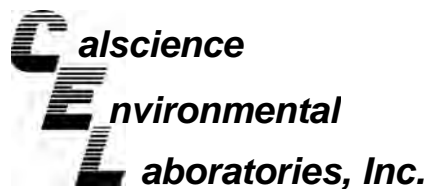
Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,664	Solid	GC 4	09/10/09	09/10/09	090910B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	98	98	55-139	1	0-18	

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: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8015B (M)

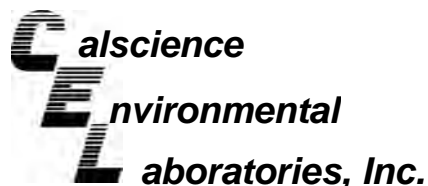
Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,666	Solid	GC 4	09/12/09	09/12/09	090912B02

<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	98	97	55-139	1	0-18	

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: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,143	Solid	GC/MS VV	09/05/09	09/05/09	090905L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	97	96	85-115	80-120	1	0-11	
Carbon Tetrachloride	96	96	68-134	57-145	1	0-14	
Chlorobenzene	95	100	83-119	77-125	5	0-9	
1,2-Dibromoethane	93	95	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	97	97	57-135	44-148	0	0-10	
1,1-Dichloroethene	95	96	72-120	64-128	0	0-10	
Ethylbenzene	109	113	80-120	73-127	4	0-20	
Toluene	97	97	67-127	57-137	1	0-10	
Trichloroethene	101	99	88-112	84-116	1	0-9	
Vinyl Chloride	98	97	57-129	45-141	1	0-16	
Methyl-t-Butyl Ether (MTBE)	85	89	76-124	68-132	5	0-12	
Tert-Butyl Alcohol (TBA)	90	94	31-145	12-164	4	0-23	
Diisopropyl Ether (DIPE)	92	92	74-128	65-137	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	86	88	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	95	96	81-123	74-130	1	0-10	
Ethanol	78	79	44-152	26-170	2	0-24	

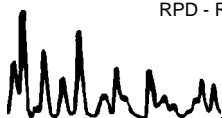
Total number of LCS compounds : 16

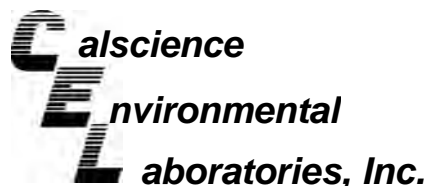
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,151	Solid	GC/MS S	09/09/09	09/09/09	090909L01		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	103	103	85-115	80-120	0	0-11	
Carbon Tetrachloride	103	102	68-134	57-145	1	0-14	
Chlorobenzene	101	98	83-119	77-125	3	0-9	
1,2-Dibromoethane	102	98	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	93	95	57-135	44-148	2	0-10	
1,1-Dichloroethene	97	92	72-120	64-128	5	0-10	
Ethylbenzene	103	99	80-120	73-127	4	0-20	
Toluene	102	102	67-127	57-137	0	0-10	
Trichloroethene	103	102	88-112	84-116	1	0-9	
Vinyl Chloride	89	100	57-129	45-141	11	0-16	
Methyl-t-Butyl Ether (MTBE)	116	107	76-124	68-132	8	0-12	
Tert-Butyl Alcohol (TBA)	92	87	31-145	12-164	5	0-23	
Diisopropyl Ether (DIPE)	95	92	74-128	65-137	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	94	77-125	69-133	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	100	98	81-123	74-130	1	0-10	
Ethanol	98	95	44-152	26-170	3	0-24	

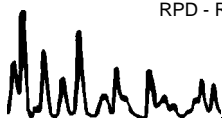
Total number of LCS compounds : 16

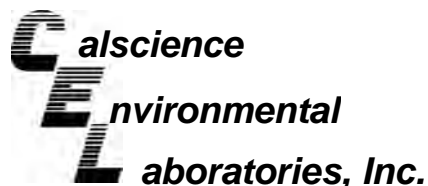
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,152	Solid	GC/MS S	09/09/09	09/09/09	090909L02		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	103	103	85-115	80-120	0	0-11	
Carbon Tetrachloride	103	102	68-134	57-145	1	0-14	
Chlorobenzene	101	98	83-119	77-125	3	0-9	
1,2-Dibromoethane	102	98	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	93	95	57-135	44-148	2	0-10	
1,1-Dichloroethene	97	92	72-120	64-128	5	0-10	
Ethylbenzene	103	99	80-120	73-127	4	0-20	
Toluene	102	102	67-127	57-137	0	0-10	
Trichloroethene	103	102	88-112	84-116	1	0-9	
Vinyl Chloride	89	100	57-129	45-141	11	0-16	
Methyl-t-Butyl Ether (MTBE)	116	107	76-124	68-132	8	0-12	
Tert-Butyl Alcohol (TBA)	92	87	31-145	12-164	5	0-23	
Diisopropyl Ether (DIPE)	95	92	74-128	65-137	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	94	77-125	69-133	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	100	98	81-123	74-130	1	0-10	
Ethanol	98	95	44-152	26-170	3	0-24	

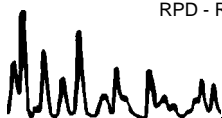
Total number of LCS compounds : 16

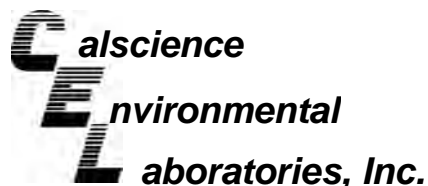
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,159	Solid	GC/MS S	09/10/09	09/10/09	090910L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	104	109	85-115	80-120	5	0-11	
Carbon Tetrachloride	102	111	68-134	57-145	9	0-14	
Chlorobenzene	99	105	83-119	77-125	6	0-9	
1,2-Dibromoethane	99	99	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	92	96	57-135	44-148	4	0-10	
1,1-Dichloroethene	96	106	72-120	64-128	10	0-10	
Ethylbenzene	100	106	80-120	73-127	5	0-20	
Toluene	105	109	67-127	57-137	4	0-10	
Trichloroethene	106	108	88-112	84-116	2	0-9	
Vinyl Chloride	101	108	57-129	45-141	6	0-16	
Methyl-t-Butyl Ether (MTBE)	103	97	76-124	68-132	6	0-12	
Tert-Butyl Alcohol (TBA)	86	92	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	96	101	74-128	65-137	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	101	77-125	69-133	5	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	97	81-123	74-130	3	0-10	
Ethanol	87	104	44-152	26-170	19	0-24	

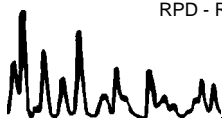
Total number of LCS compounds : 16

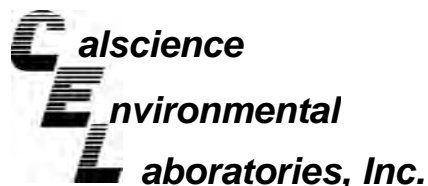
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0447  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,162	Solid	GC/MS S	09/11/09	09/11/09	090911L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	98	101	85-115	80-120	3	0-11	
Carbon Tetrachloride	94	98	68-134	57-145	4	0-14	
Chlorobenzene	96	96	83-119	77-125	0	0-9	
1,2-Dibromoethane	94	95	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	89	91	57-135	44-148	2	0-10	
1,1-Dichloroethene	88	88	72-120	64-128	1	0-10	
Ethylbenzene	97	96	80-120	73-127	1	0-20	
Toluene	99	101	67-127	57-137	2	0-10	
Trichloroethene	96	99	88-112	84-116	4	0-9	
Vinyl Chloride	98	99	57-129	45-141	1	0-16	
Methyl-t-Butyl Ether (MTBE)	97	101	76-124	68-132	4	0-12	
Tert-Butyl Alcohol (TBA)	91	86	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	95	98	74-128	65-137	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	102	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	104	81-123	74-130	3	0-10	
Ethanol	96	90	44-152	26-170	6	0-24	

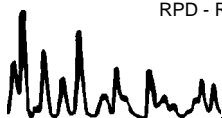
Total number of LCS compounds : 16

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

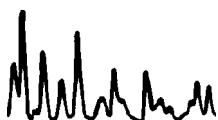
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 09-09-0447

<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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.  Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.





**CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.**

7440 LINCOLN WAY  
GARDEN GROVE, CA 92841-1427  
TEL: (714) 895-5494 • FAX: (714) 894-7501

LABORATORY CLIENT: Parsons P.O. NO.: \_\_\_\_\_

ADDRESS: 100 W. Walnut Street STATE CA ZIP 91124

CITY: Pasadena E-MAIL: Mary.Lucas@parsons.com

TEL: 626-665-8336 TURNAROUND TIME:  SAME DAY  24 HR  48 HR  72 HR  10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)  
 RWQCB REPORTING FORMS  COELT EDF

SPECIAL INSTRUCTIONS:

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING		MATRIX	NO. OF CONT.
			DATE	TIME		
11	DPT-2-25		09-03-09	0850	Soil	
12	DPT-2-30			0859		1
13	DPT-3-5			0921		1
14	DPT-3-10			0924		1
15	DPT-3-15			0930		6
16	DPT-3-20			0937		6
17	DPT-3-25			0948		6
18	DPT-4-5			1026		6
19	DPT-4-10			1032		6
20	DPT-4-15			1036		6

Relinquished by: (Signature) [Signature] Received by: (Signature) [Signature]

Relinquished by: (Signature) [Signature] Received by: (Signature) [Signature]

Relinquished by: (Signature) [Signature] Received by: (Signature) [Signature]

CLIENT PROJECT NAME / NUMBER: DFSP-Norwalk / 746441

PROJECT CONTACT: Mary Lucas

SAMPLER(S): (SIGNATURE) [Signature]

COELT LOG CODE:

COOLER RECEIPT:

TEMP = \_\_\_\_\_ °C

**REQUESTED ANALYSES**

TPH (G) ✓	TPH (M) as TP-5	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B) / 5035	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (60108) / 747	PNA's (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)
X	X			X								
X	X			X								Hold
X	X			X								X
X	X			X								X
X	X			X								X
X	X			X								X
X	X			X								X
X	X			X								X
X	X			X								X
X	X			X								X

Date: 9/4/09 Time: 13:53

Date: 9/4/09 Time: 14:25

Date: \_\_\_\_\_ Time: \_\_\_\_\_





# Calscience Environmental Laboratories, Inc.

SoCal Laboratory  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427  
 (714) 895-5494

NorCal Service Center  
 5063 Commercial Circle, Suite H  
 Concord, CA 94520-8577  
 (925) 689-9022

# CHAIN OF CUSTODY RECORD

Date **09-03-09**Page **3** of **3**

LABORATORY CLIENT: <b>Parsons</b>		CLIENT PROJECT NAME / NUMBER: <b>DFSP-Norwalk / 746441</b>		P.O. NO.:																	
ADDRESS: <b>100 W. Walnut Street</b>		PROJECT CONTACT: <b>Mary Lucas</b>		LAB USE ONLY																	
CITY: <b>Pasadena</b>		STATE: <b>CA</b>		ZIP: <b>91124</b>																	
TEL: <b>626-665-8336</b>		E-MAIL: <b>mary.lucas@parsons.com</b>		COOLER RECEIPT																	
TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> 72 HR <input type="checkbox"/> STANDARD		SAMPLER(S): (PRINT) <b>Quin Kinnebrew</b>		TEMP= _____ °C																	
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)																					
<input type="checkbox"/> RWQCB REPORTING FORMS <input type="checkbox"/> COELT EDF <input type="checkbox"/>																					
SPECIAL INSTRUCTIONS:																					
<b>REQUESTED ANALYSES</b>																					
LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING		NO. OF CONT.	TPH (g) (TO-3)	TPH (d) or (C6-C36) or (C6-C44)	TPH (as SP-5)	BTX / MTBE (8260B) or ( )	VOCs (8260B) / 5035	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) (7196A or 7199 or 218.6)	VOCs (TO-14A) or (TO-15)	Time:	
			DATE	TIME																	MATRIX
	21 DPT-4-20		09-03-09	1043	6	Soil	X	X		X											13:53
	22 DPT-4-25			1048	6		X	X		X											
	23 DPT-5-5			1150	1		X	X		X											
	24 DPT-5-10			1158	6		X	X		X											
	25 DPT-5-15			1204	6		X	X		X											
	26 DPT-5-20			1209	6		X	X		X											
	27 DPT-5-25			1215	1		X	X		X											
Relinquished by: (Signature) <i>Quin Kinnebrew</i>		Received by: (Signature/Affiliation) <i>Aly Higgins cel</i>		Date: <b>9/4/09</b>		Time: <b>13:53</b>															
Relinquished by: (Signature) <i>Aly Higgins</i>		Received by: (Signature/Affiliation) <i>Danny Le cel</i>		Date: <b>9/4/09</b>		Time: <b>14:25</b>															
Relinquished by: (Signature)		Received by: (Signature/Affiliation)		Date:		Time:															

DISTRIBUTION: White with final report, Green and Yellow to Client.  
 Please note that pages 1 and 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

05/01/07 Revision

**SAMPLE RECEIPT FORM**

Cooler 1 of 1

CLIENT: Parsons

DATE: 9/04/09

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 3.5 °C - 0.2°C (CF) = 3.3 °C  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:  Air  Filter  Metals Only  PCBs Only Initial: AM

**CUSTODY SEALS INTACT:**

Cooler  \_\_\_\_\_  No (Not Intact)  Not Present  N/A Initial: AM

Sample  \_\_\_\_\_  No (Not Intact)  Not Present Initial: RN

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/> <u>WSC</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve  EnCores<sup>5</sup>®  TerraCores®  \_\_\_\_\_

Water:  VOA  VOAh  VOAna<sub>2</sub>  125AGB  125AGBh  125AGBp  1AGB  1AGBna<sub>2</sub>  1AGBs

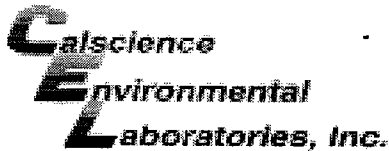
500AGB  500AGJ  500AGJs  250AGB  250CGB  250CGBs  1PB  500PB  500PBna

250PB  250PBn  125PB  125PBz<sub>na</sub>  100PJ  100PJna<sub>2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Air:  Tedlar®  Summa®  \_\_\_\_\_ Other:  \_\_\_\_\_ Checked/Labeled by: WSC

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop Reviewed by: YL

Preservative: h: HCL n: HNO<sub>3</sub> na<sub>2</sub>: Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> z<sub>na</sub>: ZnAc<sub>2</sub>+NaOH f: Field-filtered Scanned by: WSC



WORK ORDER #: 09-09-0447

**SAMPLE ANOMALY FORM**

**SAMPLES - CONTAINERS & LABELS:**

**Comments:**

- Samples NOT RECEIVED but listed on COC
- Samples received but NOT LISTED on COC
- Holding time expired – list sample ID(s) and test
- Insufficient quantities for analysis – list test
- Improper container(s)/preservative used – list test
- No preservative noted on COC or label – list test & notify lab
- Sample labels illegible – note test/container type
- Sample labels do not match COC – Note in comments
  - Sample ID
  - Date and/or Time Collected
  - Project Information
  - # of Containers
  - Analysis
- Sample containers compromised – Note in comments
  - Leaking
  - Broken
  - Without Labels
- Air sample containers compromised – Note in comments
  - Flat
  - Very low in volume
  - Leaking (transferred into CalScience Tedlar® Bag\*)
  - Leaking (transferred into Client's Tedlar® Bag\*)
- Other: \_\_\_\_\_

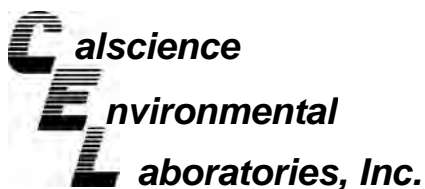
*(-5) received 6 containers*  
*1 sleeve + 5 Encore*  
 \_\_\_\_\_  
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 \_\_\_\_\_

**HEADSPACE – Containers with Bubble > 6mm or ¼ inch:**

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of RSK or CO <sub>2</sub> or DO Received

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*Transferred at Client's request. Initial / Date *W.S.C 9-4-09*



September 15, 2009

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

Subject: **Calscience Work Order No.: 09-09-0479**  
**Client Reference: DFSP NORWALK / 746441**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/4/2009 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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-7-15	09-09-0479-3-A	09/04/09 07:21	Solid	GC 27	09/09/09	09/10/09 11:26	090909B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	15	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	91	61-145			

DPT-7-20	09-09-0479-4-A	09/04/09 07:25	Solid	GC 27	09/09/09	09/10/09 00:37	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	2000	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	108	61-145			

DPT-7-25	09-09-0479-5-A	09/04/09 07:30	Solid	GC 27	09/09/09	09/10/09 00:55	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	11000	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	112	61-145			

DPT-9-10	09-09-0479-7-A	09/04/09 07:48	Solid	GC 27	09/09/09	09/10/09 11:45	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 2 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-15	09-09-0479-8-A	09/04/09 07:51	Solid	GC 27	09/09/09	09/10/09 12:02	090909B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	39	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	94	61-145			

DPT-9-20	09-09-0479-9-A	09/04/09 07:58	Solid	GC 27	09/09/09	09/10/09 01:49	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	1200	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	104	61-145			

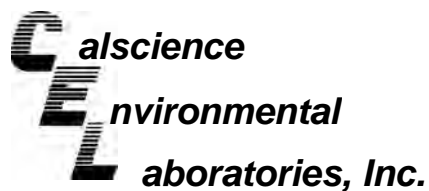
DPT-9-25	09-09-0479-10-A	09/04/09 08:03	Solid	GC 27	09/09/09	09/10/09 02:07	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	4300	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	106	61-145			

DPT-6-15	09-09-0479-13-A	09/04/09 08:28	Solid	GC 27	09/09/09	09/10/09 12:20	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	91	61-145			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 3 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-6-20	09-09-0479-14-A	09/04/09 08:34	Solid	GC 27	09/09/09	09/10/09 02:44	090909B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	8600	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	118	61-145			

DPT-6-25	09-09-0479-15-A	09/04/09 08:40	Solid	GC 27	09/09/09	09/10/09 12:38	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

DPT-8-10	09-09-0479-17-A	09/04/09 09:08	Solid	GC 27	09/09/09	09/10/09 03:56	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	2700	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	105	61-145			

DPT-8-15	09-09-0479-18-A	09/04/09 09:12	Solid	GC 27	09/09/09	09/10/09 04:14	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	2000	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	111	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 4 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-20	09-09-0479-19-A	09/04/09 09:16	Solid	GC 27	09/09/09	09/10/09 04:31	090909B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	1000	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	104	61-145			

DPT-8-25	09-09-0479-20-A	09/04/09 09:21	Solid	GC 27	09/09/09	09/10/09 13:14	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

DPT-10-15	09-09-0479-23-A	09/04/09 10:06	Solid	GC 27	09/09/09	09/10/09 05:07	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	490	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	93	61-145			

DPT-10-20	09-09-0479-24-A	09/04/09 10:10	Solid	GC 27	09/09/09	09/10/09 05:25	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	3200	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	108	61-145			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 5 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-10-25	09-09-0479-25-A	09/04/09 10:15	Solid	GC 27	09/09/09	09/10/09 05:43	090909B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	990	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	102	61-145			

DPT-11-15	09-09-0479-28-A	09/04/09 10:51	Solid	GC 27	09/09/09	09/10/09 06:01	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

DPT-11-20	09-09-0479-29-A	09/04/09 10:56	Solid	GC 27	09/09/09	09/10/09 06:18	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	1800	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	105	61-145			

DPT-11-25	09-09-0479-30-A	09/04/09 11:05	Solid	GC 27	09/09/09	09/10/09 09:16	090909B03
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	94	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 6 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-10	09-09-0479-32-A	09/04/09 12:17	Solid	GC 27	09/09/09	09/10/09 09:36	090909B03

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	1600	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	94	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-15	09-09-0479-33-A	09/04/09 12:23	Solid	GC 27	09/09/09	09/10/09 09:54	090909B03

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	5600	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	116	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-20	09-09-0479-34-A	09/04/09 12:29	Solid	GC 27	09/09/09	09/10/09 10:13	090909B03

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	87	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	91	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-25	09-09-0479-35-A	09/04/09 12:35	Solid	GC 27	09/09/09	09/10/09 10:31	090909B03

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 7 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-295-28	N/A	Solid	GC 27	09/09/09	09/09/09 22:49	090909B02

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	95	61-145			

Method Blank	099-12-295-29	N/A	Solid	GC 27	09/09/09	09/10/09 06:54	090909B03
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	99	61-145			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-7-15	09-09-0479-3-E	09/04/09 07:21	Solid	GC 11	09/04/09	09/10/09 03:44	090909B02

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	26	11	44.4		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-7-20	09-09-0479-4-E	09/04/09 07:25	Solid	GC 11	09/04/09	09/10/09 04:18	090909B02

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	4400	220	876		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	134	60-126	2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-7-25	09-09-0479-5-E	09/04/09 07:30	Solid	GC 11	09/04/09	09/10/09 04:51	090909B02

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	16000	1100	4330		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	114	60-126	

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 2 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-10	09-09-0479-7-F	09/04/09 07:48	Solid	GC 11	09/04/09	09/09/09 17:37	090909B01

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	1.2	0.21	0.822		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	87	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-15	09-09-0479-8-F	09/04/09 07:51	Solid	GC 11	09/04/09	09/09/09 18:11	090909B01

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	8.2	0.27	1.09		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	93	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-20	09-09-0479-9-E	09/04/09 07:58	Solid	GC 11	09/04/09	09/10/09 05:25	090909B02

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	850	52	208		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	97	60-126			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 3 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-25	09-09-0479-10-E	09/04/09 08:03	Solid	GC 4	09/04/09	09/10/09 22:54	090910B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	9800	1000	4110		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	124	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-6-15	09-09-0479-13-G	09/04/09 08:28	Solid	GC 4	09/04/09	09/10/09 15:13	090910B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.28	1.12		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	113	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-6-20	09-09-0479-14-E	09/04/09 08:34	Solid	GC 11	09/04/09	09/10/09 06:33	090909B02

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	3100	130	520		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	142	60-126		2	

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 4 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-6-25	09-09-0479-15-F	09/04/09 08:40	Solid	GC 11	09/04/09	09/09/09 19:18	090909B01

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	1.3	0.21	0.858		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	110	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-10	09-09-0479-17-E	09/04/09 09:08	Solid	GC 4	09/04/09	09/10/09 16:19	090910B02

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	770	140	548		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	122	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-15	09-09-0479-18-E	09/04/09 09:12	Solid	GC 4	09/04/09	09/10/09 16:52	090910B02

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	870	130	538		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	127	60-126	2

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 5 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-20	09-09-0479-19-F	09/04/09 09:16	Solid	GC 11	09/04/09	09/09/09 19:52	090909B01

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	5.5	0.21	0.833		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	117	60-126	

DPT-8-25	09-09-0479-20-G	09/04/09 09:21	Solid	GC 4	09/04/09	09/10/09 15:46	090910B01
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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	0.46	0.20	0.797		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	122	60-126	

DPT-10-15	09-09-0479-23-E	09/04/09 10:06	Solid	GC 4	09/04/09	09/10/09 07:17	090909B02
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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	240	11	42.7		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	141	60-126	2

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 6 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-10-20	09-09-0479-24-E	09/04/09 10:10	Solid	GC 4	09/04/09	09/10/09 07:50	090909B02

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	2800	100	417		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	208	60-126		2	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-10-25	09-09-0479-25-E	09/04/09 10:15	Solid	GC 4	09/04/09	09/10/09 08:23	090909B02

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	830	280	1140		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	105	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-11-15	09-09-0479-28-G	09/04/09 10:51	Solid	GC 4	09/04/09	09/10/09 14:40	090910B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.28	1.12		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	105	60-126			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 7 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-11-20	09-09-0479-29-E	09/04/09 10:56	Solid	GC 4	09/04/09	09/10/09 22:21	090910B02

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	1900	210	859		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	116	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-11-25	09-09-0479-30-G	09/04/09 11:05	Solid	GC 11	09/04/09	09/14/09 12:25	090914B01

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	1.2	0.22	0.888		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	112	60-126	

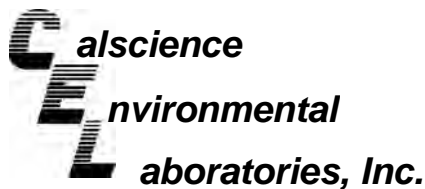
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-10	09-09-0479-32-E	09/04/09 12:17	Solid	GC 4	09/04/09	09/10/09 05:05	090909B02

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	540	48	194		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	108	60-126	

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



Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 8 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-15	09-09-0479-33-E	09/04/09 12:23	Solid	GC 4	09/04/09	09/10/09 21:48	090910B02

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	3500	250	1000		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	150	60-126		2	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-20	09-09-0479-34-E	09/04/09 12:29	Solid	GC 4	09/04/09	09/10/09 06:11	090909B02

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.

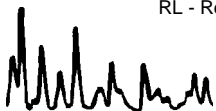
Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	130	39	155		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	99	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-25	09-09-0479-35-G	09/04/09 12:35	Solid	GC 11	09/04/09	09/14/09 14:19	090914B01

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	0.57	0.27	1.09		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	82	60-126			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 9 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-285-1,660	N/A	Solid	GC 4	09/09/09	09/09/09 20:17	090909B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	10	40		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	77	60-126			

Method Blank	099-12-285-1,661	N/A	Solid	GC 11	09/09/09	09/09/09 14:49	090909B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	76	60-126			

Method Blank	099-12-285-1,662	N/A	Solid	GC 11	09/09/09	09/09/09 17:03	090909B02
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	10	40		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	78	60-126			

Method Blank	099-12-285-1,663	N/A	Solid	GC 4	09/10/09	09/10/09 11:56	090910B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	98	60-126			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 10 of 10

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-285-1,664	N/A	Solid	GC 4	09/10/09	09/10/09 13:34	090910B02

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	ND	10	40		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	94	60-126			

Method Blank	099-12-285-1,667	N/A	Solid	GC 11	09/14/09	09/14/09 10:10	090914B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	ND	0.25	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	80	60-126			

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

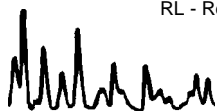
Project: DFSP NORWALK / 746441

Page 1 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-7-15	09-09-0479-3-C	09/04/09 07:21	Solid	GC/MS RR	09/04/09	09/10/09 13:20	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	66	1.31		c-1,3-Dichloropropene	ND	1.3	1.31	
Benzene	ND	1.3	1.31		t-1,3-Dichloropropene	ND	2.6	1.31	
Bromobenzene	ND	1.3	1.31		Ethylbenzene	ND	1.3	1.31	
Bromochloromethane	ND	2.6	1.31		2-Hexanone	ND	26	1.31	
Bromodichloromethane	ND	1.3	1.31		Isopropylbenzene	ND	1.3	1.31	
Bromoform	ND	6.6	1.31		p-Isopropyltoluene	ND	1.3	1.31	
Bromomethane	ND	26	1.31		Methylene Chloride	ND	13	1.31	
2-Butanone	ND	26	1.31		4-Methyl-2-Pentanone	ND	26	1.31	
n-Butylbenzene	ND	1.3	1.31		Naphthalene	ND	13	1.31	
sec-Butylbenzene	ND	1.3	1.31		n-Propylbenzene	ND	2.6	1.31	
tert-Butylbenzene	ND	1.3	1.31		Styrene	ND	1.3	1.31	
Carbon Disulfide	ND	13	1.31		1,1,1,2-Tetrachloroethane	ND	1.3	1.31	
Carbon Tetrachloride	ND	1.3	1.31		1,1,2,2-Tetrachloroethane	ND	2.6	1.31	
Chlorobenzene	ND	1.3	1.31		Tetrachloroethene	ND	1.3	1.31	
Chloroethane	ND	2.6	1.31		Toluene	2.4	1.3	1.31	
Chloroform	ND	1.3	1.31		1,2,3-Trichlorobenzene	ND	2.6	1.31	
Chloromethane	ND	26	1.31		1,2,4-Trichlorobenzene	ND	2.6	1.31	
2-Chlorotoluene	ND	1.3	1.31		1,1,1-Trichloroethane	ND	1.3	1.31	
4-Chlorotoluene	ND	1.3	1.31		1,1,2-Trichloroethane	ND	1.3	1.31	
Dibromochloromethane	ND	2.6	1.31		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	13	1.31	
1,2-Dibromo-3-Chloropropane	ND	6.6	1.31		Trichloroethene	ND	2.6	1.31	
1,2-Dibromoethane	ND	1.3	1.31		Trichlorofluoromethane	ND	13	1.31	
Dibromomethane	ND	1.3	1.31		1,2,3-Trichloropropane	ND	2.6	1.31	
1,2-Dichlorobenzene	ND	1.3	1.31		1,2,4-Trimethylbenzene	ND	2.6	1.31	
1,3-Dichlorobenzene	ND	1.3	1.31		1,3,5-Trimethylbenzene	ND	2.6	1.31	
1,4-Dichlorobenzene	ND	1.3	1.31		Vinyl Acetate	ND	13	1.31	
Dichlorodifluoromethane	ND	2.6	1.31		Vinyl Chloride	ND	1.3	1.31	
1,1-Dichloroethane	ND	1.3	1.31		p/m-Xylene	ND	2.6	1.31	
1,2-Dichloroethane	ND	1.3	1.31		o-Xylene	ND	1.3	1.31	
1,1-Dichloroethene	ND	1.3	1.31		Methyl-t-Butyl Ether (MTBE)	ND	2.6	1.31	
c-1,2-Dichloroethene	ND	1.3	1.31		Tert-Butyl Alcohol (TBA)	ND	26	1.31	
t-1,2-Dichloroethene	ND	1.3	1.31		Diisopropyl Ether (DIPE)	ND	1.3	1.31	
1,2-Dichloropropane	ND	1.3	1.31		Ethyl-t-Butyl Ether (ETBE)	ND	1.3	1.31	
1,3-Dichloropropane	ND	1.3	1.31		Tert-Amyl-Methyl Ether (TAME)	ND	1.3	1.31	
2,2-Dichloropropane	ND	6.6	1.31		Ethanol	ND	660	1.31	
1,1-Dichloropropene	ND	2.6	1.31						
<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	71-137			1,2-Dichloroethane-d4	109	58-160		
1,4-Bromofluorobenzene	102	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

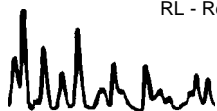
Project: DFSP NORWALK / 746441

Page 2 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-7-20	09-09-0479-4-E	09/04/09 07:25	Solid	GC/MS W	09/04/09	09/11/09 21:06	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	22000	438		c-1,3-Dichloropropene	ND	440	438	
Benzene	ND	440	438		t-1,3-Dichloropropene	ND	880	438	
Bromobenzene	ND	440	438		Ethylbenzene	6600	440	438	
Bromochloromethane	ND	880	438		2-Hexanone	ND	8800	438	
Bromodichloromethane	ND	440	438		Isopropylbenzene	3800	440	438	
Bromoform	ND	2200	438		p-Isopropyltoluene	7000	440	438	
Bromomethane	ND	8800	438		Methylene Chloride	ND	4400	438	
2-Butanone	ND	8800	438		4-Methyl-2-Pentanone	ND	8800	438	
n-Butylbenzene	7600	440	438		Naphthalene	19000	4400	438	
sec-Butylbenzene	3800	440	438		n-Propylbenzene	6700	880	438	
tert-Butylbenzene	ND	440	438		Styrene	ND	440	438	
Carbon Disulfide	ND	4400	438		1,1,1,2-Tetrachloroethane	ND	440	438	
Carbon Tetrachloride	ND	440	438		1,1,2,2-Tetrachloroethane	ND	880	438	
Chlorobenzene	ND	440	438		Tetrachloroethene	ND	440	438	
Chloroethane	ND	880	438		Toluene	ND	440	438	
Chloroform	ND	440	438		1,2,3-Trichlorobenzene	ND	880	438	
Chloromethane	ND	8800	438		1,2,4-Trichlorobenzene	ND	880	438	
2-Chlorotoluene	ND	440	438		1,1,1-Trichloroethane	ND	440	438	
4-Chlorotoluene	ND	440	438		1,1,2-Trichloroethane	ND	440	438	
Dibromochloromethane	ND	880	438		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	4400	438	
1,2-Dibromo-3-Chloropropane	ND	2200	438		Trichloroethene	ND	880	438	
1,2-Dibromoethane	ND	440	438		Trichlorofluoromethane	ND	4400	438	
Dibromomethane	ND	440	438		1,2,3-Trichloropropane	ND	880	438	
1,2-Dichlorobenzene	ND	440	438		1,2,4-Trimethylbenzene	37000	880	438	
1,3-Dichlorobenzene	ND	440	438		1,3,5-Trimethylbenzene	6400	880	438	
1,4-Dichlorobenzene	ND	440	438		Vinyl Acetate	ND	4400	438	
Dichlorodifluoromethane	ND	880	438		Vinyl Chloride	ND	440	438	
1,1-Dichloroethane	ND	440	438		p/m-Xylene	4100	880	438	
1,2-Dichloroethane	ND	440	438		o-Xylene	490	440	438	
1,1-Dichloroethene	ND	440	438		Methyl-t-Butyl Ether (MTBE)	ND	880	438	
c-1,2-Dichloroethene	ND	440	438		Tert-Butyl Alcohol (TBA)	ND	8800	438	
t-1,2-Dichloroethene	ND	440	438		Diisopropyl Ether (DIPE)	ND	440	438	
1,2-Dichloropropane	ND	440	438		Ethyl-t-Butyl Ether (ETBE)	ND	440	438	
1,3-Dichloropropane	ND	440	438		Tert-Amyl-Methyl Ether (TAME)	ND	440	438	
2,2-Dichloropropane	ND	2200	438		Ethanol	ND	220000	438	
1,1-Dichloropropene	ND	880	438						
<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	96	71-137			1,2-Dichloroethane-d4	91	58-160		
1,4-Bromofluorobenzene	107	66-126			Toluene-d8	105	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

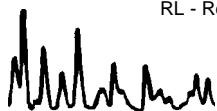
Project: DFSP NORWALK / 746441

Page 3 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-7-25	09-09-0479-5-E	09/04/09 07:30	Solid	GC/MS W	09/04/09	09/11/09 21:35	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54000	1080		c-1,3-Dichloropropene	ND	1100	1080	
Benzene	ND	1100	1080		t-1,3-Dichloropropene	ND	2200	1080	
Bromobenzene	ND	1100	1080		Ethylbenzene	21000	1100	1080	
Bromochloromethane	ND	2200	1080		2-Hexanone	ND	22000	1080	
Bromodichloromethane	ND	1100	1080		Isopropylbenzene	11000	1100	1080	
Bromoform	ND	5400	1080		p-Isopropyltoluene	19000	1100	1080	
Bromomethane	ND	22000	1080		Methylene Chloride	ND	11000	1080	
2-Butanone	ND	22000	1080		4-Methyl-2-Pentanone	ND	22000	1080	
n-Butylbenzene	22000	1100	1080		Naphthalene	39000	11000	1080	
sec-Butylbenzene	11000	1100	1080		n-Propylbenzene	17000	2200	1080	
tert-Butylbenzene	ND	1100	1080		Styrene	ND	1100	1080	
Carbon Disulfide	ND	11000	1080		1,1,1,2-Tetrachloroethane	ND	1100	1080	
Carbon Tetrachloride	ND	1100	1080		1,1,2,2-Tetrachloroethane	ND	2200	1080	
Chlorobenzene	ND	1100	1080		Tetrachloroethene	ND	1100	1080	
Chloroethane	ND	2200	1080		Toluene	ND	1100	1080	
Chloroform	ND	1100	1080		1,2,3-Trichlorobenzene	ND	2200	1080	
Chloromethane	ND	22000	1080		1,2,4-Trichlorobenzene	ND	2200	1080	
2-Chlorotoluene	ND	1100	1080		1,1,1-Trichloroethane	ND	1100	1080	
4-Chlorotoluene	ND	1100	1080		1,1,2-Trichloroethane	ND	1100	1080	
Dibromochloromethane	ND	2200	1080		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11000	1080	
1,2-Dibromo-3-Chloropropane	ND	5400	1080		Trichloroethene	ND	2200	1080	
1,2-Dibromoethane	ND	1100	1080		Trichlorofluoromethane	ND	11000	1080	
Dibromomethane	ND	1100	1080		1,2,3-Trichloropropane	ND	2200	1080	
1,2-Dichlorobenzene	ND	1100	1080		1,2,4-Trimethylbenzene	100000	2200	1080	
1,3-Dichlorobenzene	ND	1100	1080		1,3,5-Trimethylbenzene	27000	2200	1080	
1,4-Dichlorobenzene	ND	1100	1080		Vinyl Acetate	ND	11000	1080	
Dichlorodifluoromethane	ND	2200	1080		Vinyl Chloride	ND	1100	1080	
1,1-Dichloroethane	ND	1100	1080		p/m-Xylene	23000	2200	1080	
1,2-Dichloroethane	ND	1100	1080		o-Xylene	1200	1100	1080	
1,1-Dichloroethene	ND	1100	1080		Methyl-t-Butyl Ether (MTBE)	ND	2200	1080	
c-1,2-Dichloroethene	ND	1100	1080		Tert-Butyl Alcohol (TBA)	ND	22000	1080	
t-1,2-Dichloroethene	ND	1100	1080		Diisopropyl Ether (DIPE)	ND	1100	1080	
1,2-Dichloropropane	ND	1100	1080		Ethyl-t-Butyl Ether (ETBE)	ND	1100	1080	
1,3-Dichloropropane	ND	1100	1080		Tert-Amyl-Methyl Ether (TAME)	ND	1100	1080	
2,2-Dichloropropane	ND	5400	1080		Ethanol	ND	540000	1080	
1,1-Dichloropropene	ND	2200	1080						
<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	91	71-137			1,2-Dichloroethane-d4	85	58-160		
1,4-Bromofluorobenzene	106	66-126			Toluene-d8	104	87-111		

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





## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

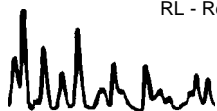
Project: DFSP NORWALK / 746441

Page 4 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-10	09-09-0479-7-C	09/04/09 07:48	Solid	GC/MS RR	09/04/09	09/10/09 13:46	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	40	0.809		c-1,3-Dichloropropene	ND	0.81	0.809	
Benzene	2.0	0.81	0.809		t-1,3-Dichloropropene	ND	1.6	0.809	
Bromobenzene	ND	0.81	0.809		Ethylbenzene	1.1	0.81	0.809	
Bromochloromethane	ND	1.6	0.809		2-Hexanone	ND	16	0.809	
Bromodichloromethane	ND	0.81	0.809		Isopropylbenzene	ND	0.81	0.809	
Bromoform	ND	4.0	0.809		p-Isopropyltoluene	ND	0.81	0.809	
Bromomethane	ND	16	0.809		Methylene Chloride	ND	8.1	0.809	
2-Butanone	ND	16	0.809		4-Methyl-2-Pentanone	ND	16	0.809	
n-Butylbenzene	ND	0.81	0.809		Naphthalene	ND	8.1	0.809	
sec-Butylbenzene	ND	0.81	0.809		n-Propylbenzene	ND	1.6	0.809	
tert-Butylbenzene	ND	0.81	0.809		Styrene	ND	0.81	0.809	
Carbon Disulfide	ND	8.1	0.809		1,1,1,2-Tetrachloroethane	ND	0.81	0.809	
Carbon Tetrachloride	ND	0.81	0.809		1,1,2,2-Tetrachloroethane	ND	1.6	0.809	
Chlorobenzene	ND	0.81	0.809		Tetrachloroethene	ND	0.81	0.809	
Chloroethane	ND	1.6	0.809		Toluene	3.2	0.81	0.809	
Chloroform	ND	0.81	0.809		1,2,3-Trichlorobenzene	ND	1.6	0.809	
Chloromethane	ND	16	0.809		1,2,4-Trichlorobenzene	ND	1.6	0.809	
2-Chlorotoluene	ND	0.81	0.809		1,1,1-Trichloroethane	ND	0.81	0.809	
4-Chlorotoluene	ND	0.81	0.809		1,1,2-Trichloroethane	ND	0.81	0.809	
Dibromochloromethane	ND	1.6	0.809		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.1	0.809	
1,2-Dibromo-3-Chloropropane	ND	4.0	0.809		Trichloroethene	ND	1.6	0.809	
1,2-Dibromoethane	ND	0.81	0.809		Trichlorofluoromethane	ND	8.1	0.809	
Dibromomethane	ND	0.81	0.809		1,2,3-Trichloropropane	ND	1.6	0.809	
1,2-Dichlorobenzene	ND	0.81	0.809		1,2,4-Trimethylbenzene	ND	1.6	0.809	
1,3-Dichlorobenzene	ND	0.81	0.809		1,3,5-Trimethylbenzene	ND	1.6	0.809	
1,4-Dichlorobenzene	ND	0.81	0.809		Vinyl Acetate	ND	8.1	0.809	
Dichlorodifluoromethane	ND	1.6	0.809		Vinyl Chloride	ND	0.81	0.809	
1,1-Dichloroethane	ND	0.81	0.809		p/m-Xylene	ND	1.6	0.809	
1,2-Dichloroethane	ND	0.81	0.809		o-Xylene	ND	0.81	0.809	
1,1-Dichloroethene	ND	0.81	0.809		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.809	
c-1,2-Dichloroethene	ND	0.81	0.809		Tert-Butyl Alcohol (TBA)	ND	16	0.809	
t-1,2-Dichloroethene	ND	0.81	0.809		Diisopropyl Ether (DIPE)	ND	0.81	0.809	
1,2-Dichloropropane	ND	0.81	0.809		Ethyl-t-Butyl Ether (ETBE)	ND	0.81	0.809	
1,3-Dichloropropane	ND	0.81	0.809		Tert-Amyl-Methyl Ether (TAME)	ND	0.81	0.809	
2,2-Dichloropropane	ND	4.0	0.809		Ethanol	ND	400	0.809	
1,1-Dichloropropene	ND	1.6	0.809						
<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	106	71-137		1,2-Dichloroethane-d4	112	58-160			
1,4-Bromofluorobenzene	102	66-126		Toluene-d8	104	87-111			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

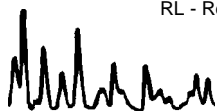
Project: DFSP NORWALK / 746441

Page 5 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-15	09-09-0479-8-C	09/04/09 07:51	Solid	GC/MS RR	09/04/09	09/10/09 14:12	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	56	56	1.11		c-1,3-Dichloropropene	ND	1.1	1.11	
Benzene	ND	1.1	1.11		t-1,3-Dichloropropene	ND	2.2	1.11	
Bromobenzene	ND	1.1	1.11		Ethylbenzene	1.6	1.1	1.11	
Bromochloromethane	ND	2.2	1.11		2-Hexanone	ND	22	1.11	
Bromodichloromethane	ND	1.1	1.11		Isopropylbenzene	1.1	1.1	1.11	
Bromoform	ND	5.6	1.11		p-Isopropyltoluene	ND	1.1	1.11	
Bromomethane	ND	22	1.11		Methylene Chloride	ND	11	1.11	
2-Butanone	ND	22	1.11		4-Methyl-2-Pentanone	ND	22	1.11	
n-Butylbenzene	6.1	1.1	1.11		Naphthalene	ND	11	1.11	
sec-Butylbenzene	ND	1.1	1.11		n-Propylbenzene	ND	2.2	1.11	
tert-Butylbenzene	ND	1.1	1.11		Styrene	ND	1.1	1.11	
Carbon Disulfide	ND	11	1.11		1,1,1,2-Tetrachloroethane	ND	1.1	1.11	
Carbon Tetrachloride	ND	1.1	1.11		1,1,2,2-Tetrachloroethane	ND	2.2	1.11	
Chlorobenzene	ND	1.1	1.11		Tetrachloroethene	ND	1.1	1.11	
Chloroethane	ND	2.2	1.11		Toluene	5.6	1.1	1.11	
Chloroform	ND	1.1	1.11		1,2,3-Trichlorobenzene	ND	2.2	1.11	
Chloromethane	ND	22	1.11		1,2,4-Trichlorobenzene	ND	2.2	1.11	
2-Chlorotoluene	ND	1.1	1.11		1,1,1-Trichloroethane	ND	1.1	1.11	
4-Chlorotoluene	ND	1.1	1.11		1,1,2-Trichloroethane	ND	1.1	1.11	
Dibromochloromethane	ND	2.2	1.11		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.11	
1,2-Dibromo-3-Chloropropane	ND	5.6	1.11		Trichloroethene	ND	2.2	1.11	
1,2-Dibromoethane	ND	1.1	1.11		Trichlorofluoromethane	ND	11	1.11	
Dibromomethane	ND	1.1	1.11		1,2,3-Trichloropropane	ND	2.2	1.11	
1,2-Dichlorobenzene	ND	1.1	1.11		1,2,4-Trimethylbenzene	ND	2.2	1.11	
1,3-Dichlorobenzene	ND	1.1	1.11		1,3,5-Trimethylbenzene	ND	2.2	1.11	
1,4-Dichlorobenzene	ND	1.1	1.11		Vinyl Acetate	ND	11	1.11	
Dichlorodifluoromethane	ND	2.2	1.11		Vinyl Chloride	ND	1.1	1.11	
1,1-Dichloroethane	ND	1.1	1.11		p/m-Xylene	ND	2.2	1.11	
1,2-Dichloroethane	ND	1.1	1.11		o-Xylene	ND	1.1	1.11	
1,1-Dichloroethene	ND	1.1	1.11		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.11	
c-1,2-Dichloroethene	ND	1.1	1.11		Tert-Butyl Alcohol (TBA)	ND	22	1.11	
t-1,2-Dichloroethene	ND	1.1	1.11		Diisopropyl Ether (DIPE)	ND	1.1	1.11	
1,2-Dichloropropane	ND	1.1	1.11		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.11	
1,3-Dichloropropane	ND	1.1	1.11		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.11	
2,2-Dichloropropane	ND	5.6	1.11		Ethanol	ND	560	1.11	
1,1-Dichloropropene	ND	2.2	1.11						
<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	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	106	66-126			Toluene-d8	106	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

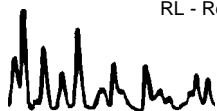
Project: DFSP NORWALK / 746441

Page 6 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-20	09-09-0479-9-E	09/04/09 07:58	Solid	GC/MS W	09/04/09	09/11/09 22:04	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5200	104		c-1,3-Dichloropropene	ND	100	104	
Benzene	ND	100	104		t-1,3-Dichloropropene	ND	210	104	
Bromobenzene	ND	100	104		Ethylbenzene	270	100	104	
Bromochloromethane	ND	210	104		2-Hexanone	ND	2100	104	
Bromodichloromethane	ND	100	104		Isopropylbenzene	200	100	104	
Bromoform	ND	520	104		p-Isopropyltoluene	280	100	104	
Bromomethane	ND	2100	104		Methylene Chloride	ND	1000	104	
2-Butanone	ND	2100	104		4-Methyl-2-Pentanone	ND	2100	104	
n-Butylbenzene	460	100	104		Naphthalene	ND	1000	104	
sec-Butylbenzene	230	100	104		n-Propylbenzene	270	210	104	
tert-Butylbenzene	ND	100	104		Styrene	ND	100	104	
Carbon Disulfide	ND	1000	104		1,1,1,2-Tetrachloroethane	ND	100	104	
Carbon Tetrachloride	ND	100	104		1,1,2,2-Tetrachloroethane	ND	210	104	
Chlorobenzene	ND	100	104		Tetrachloroethene	ND	100	104	
Chloroethane	ND	210	104		Toluene	ND	100	104	
Chloroform	ND	100	104		1,2,3-Trichlorobenzene	ND	210	104	
Chloromethane	ND	2100	104		1,2,4-Trichlorobenzene	ND	210	104	
2-Chlorotoluene	ND	100	104		1,1,1-Trichloroethane	ND	100	104	
4-Chlorotoluene	ND	100	104		1,1,2-Trichloroethane	ND	100	104	
Dibromochloromethane	ND	210	104		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	104	
1,2-Dibromo-3-Chloropropane	ND	520	104		Trichloroethene	ND	210	104	
1,2-Dibromoethane	ND	100	104		Trichlorofluoromethane	ND	1000	104	
Dibromomethane	ND	100	104		1,2,3-Trichloropropane	ND	210	104	
1,2-Dichlorobenzene	ND	100	104		1,2,4-Trimethylbenzene	ND	210	104	
1,3-Dichlorobenzene	ND	100	104		1,3,5-Trimethylbenzene	ND	210	104	
1,4-Dichlorobenzene	ND	100	104		Vinyl Acetate	ND	1000	104	
Dichlorodifluoromethane	ND	210	104		Vinyl Chloride	ND	100	104	
1,1-Dichloroethane	ND	100	104		p/m-Xylene	ND	210	104	
1,2-Dichloroethane	ND	100	104		o-Xylene	ND	100	104	
1,1-Dichloroethene	ND	100	104		Methyl-t-Butyl Ether (MTBE)	ND	210	104	
c-1,2-Dichloroethene	ND	100	104		Tert-Butyl Alcohol (TBA)	ND	2100	104	
t-1,2-Dichloroethene	ND	100	104		Diisopropyl Ether (DIPE)	ND	100	104	
1,2-Dichloropropane	ND	100	104		Ethyl-t-Butyl Ether (ETBE)	ND	100	104	
1,3-Dichloropropane	ND	100	104		Tert-Amyl-Methyl Ether (TAME)	ND	100	104	
2,2-Dichloropropane	ND	520	104		Ethanol	ND	52000	104	
1,1-Dichloropropene	ND	210	104						
<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	89	71-137			1,2-Dichloroethane-d4	88	58-160		
1,4-Bromofluorobenzene	104	66-126			Toluene-d8	103	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

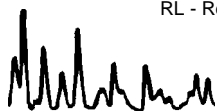
Project: DFSP NORWALK / 746441

Page 7 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-9-25	09-09-0479-10-E	09/04/09 08:03	Solid	GC/MS W	09/04/09	09/11/09 22:33	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	100000	2050		c-1,3-Dichloropropene	ND	2000	2050	
Benzene	ND	2000	2050		t-1,3-Dichloropropene	ND	4100	2050	
Bromobenzene	ND	2000	2050		Ethylbenzene	20000	2000	2050	
Bromochloromethane	ND	4100	2050		2-Hexanone	ND	41000	2050	
Bromodichloromethane	ND	2000	2050		Isopropylbenzene	11000	2000	2050	
Bromoform	ND	10000	2050		p-Isopropyltoluene	11000	2000	2050	
Bromomethane	ND	41000	2050		Methylene Chloride	ND	20000	2050	
2-Butanone	ND	41000	2050		4-Methyl-2-Pentanone	ND	41000	2050	
n-Butylbenzene	15000	2000	2050		Naphthalene	ND	20000	2050	
sec-Butylbenzene	11000	2000	2050		n-Propylbenzene	18000	4100	2050	
tert-Butylbenzene	ND	2000	2050		Styrene	ND	2000	2050	
Carbon Disulfide	ND	20000	2050		1,1,1,2-Tetrachloroethane	ND	2000	2050	
Carbon Tetrachloride	ND	2000	2050		1,1,2,2-Tetrachloroethane	ND	4100	2050	
Chlorobenzene	ND	2000	2050		Tetrachloroethene	ND	2000	2050	
Chloroethane	ND	4100	2050		Toluene	ND	2000	2050	
Chloroform	ND	2000	2050		1,2,3-Trichlorobenzene	ND	4100	2050	
Chloromethane	ND	41000	2050		1,2,4-Trichlorobenzene	ND	4100	2050	
2-Chlorotoluene	ND	2000	2050		1,1,1-Trichloroethane	ND	2000	2050	
4-Chlorotoluene	ND	2000	2050		1,1,2-Trichloroethane	ND	2000	2050	
Dibromochloromethane	ND	4100	2050		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20000	2050	
1,2-Dibromo-3-Chloropropane	ND	10000	2050		Trichloroethene	ND	4100	2050	
1,2-Dibromoethane	ND	2000	2050		Trichlorofluoromethane	ND	20000	2050	
Dibromomethane	ND	2000	2050		1,2,3-Trichloropropane	ND	4100	2050	
1,2-Dichlorobenzene	ND	2000	2050		1,2,4-Trimethylbenzene	14000	4100	2050	
1,3-Dichlorobenzene	ND	2000	2050		1,3,5-Trimethylbenzene	ND	4100	2050	
1,4-Dichlorobenzene	ND	2000	2050		Vinyl Acetate	ND	20000	2050	
Dichlorodifluoromethane	ND	4100	2050		Vinyl Chloride	ND	2000	2050	
1,1-Dichloroethane	ND	2000	2050		p/m-Xylene	5800	4100	2050	
1,2-Dichloroethane	ND	2000	2050		o-Xylene	ND	2000	2050	
1,1-Dichloroethene	ND	2000	2050		Methyl-t-Butyl Ether (MTBE)	ND	4100	2050	
c-1,2-Dichloroethene	ND	2000	2050		Tert-Butyl Alcohol (TBA)	ND	41000	2050	
t-1,2-Dichloroethene	ND	2000	2050		Diisopropyl Ether (DIPE)	ND	2000	2050	
1,2-Dichloropropane	ND	2000	2050		Ethyl-t-Butyl Ether (ETBE)	ND	2000	2050	
1,3-Dichloropropane	ND	2000	2050		Tert-Amyl-Methyl Ether (TAME)	ND	2000	2050	
2,2-Dichloropropane	ND	10000	2050		Ethanol	ND	1000000	2050	
1,1-Dichloropropene	ND	4100	2050						
<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	91	71-137			1,2-Dichloroethane-d4	86	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	103	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

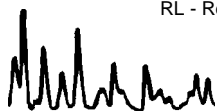
Project: DFSP NORWALK / 746441

Page 8 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-6-15	09-09-0479-13-C	09/04/09 08:28	Solid	GC/MS W	09/04/09	09/11/09 18:12	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.08		c-1,3-Dichloropropene	ND	1.1	1.08	
Benzene	ND	1.1	1.08		t-1,3-Dichloropropene	ND	2.2	1.08	
Bromobenzene	ND	1.1	1.08		Ethylbenzene	ND	1.1	1.08	
Bromochloromethane	ND	2.2	1.08		2-Hexanone	ND	22	1.08	
Bromodichloromethane	ND	1.1	1.08		Isopropylbenzene	ND	1.1	1.08	
Bromoform	ND	5.4	1.08		p-Isopropyltoluene	ND	1.1	1.08	
Bromomethane	ND	22	1.08		Methylene Chloride	ND	11	1.08	
2-Butanone	ND	22	1.08		4-Methyl-2-Pentanone	ND	22	1.08	
n-Butylbenzene	ND	1.1	1.08		Naphthalene	ND	11	1.08	
sec-Butylbenzene	ND	1.1	1.08		n-Propylbenzene	ND	2.2	1.08	
tert-Butylbenzene	ND	1.1	1.08		Styrene	ND	1.1	1.08	
Carbon Disulfide	ND	11	1.08		1,1,1,2-Tetrachloroethane	ND	1.1	1.08	
Carbon Tetrachloride	ND	1.1	1.08		1,1,2,2-Tetrachloroethane	ND	2.2	1.08	
Chlorobenzene	ND	1.1	1.08		Tetrachloroethene	ND	1.1	1.08	
Chloroethane	ND	2.2	1.08		Toluene	ND	1.1	1.08	
Chloroform	ND	1.1	1.08		1,2,3-Trichlorobenzene	ND	2.2	1.08	
Chloromethane	ND	22	1.08		1,2,4-Trichlorobenzene	ND	2.2	1.08	
2-Chlorotoluene	ND	1.1	1.08		1,1,1-Trichloroethane	ND	1.1	1.08	
4-Chlorotoluene	ND	1.1	1.08		1,1,2-Trichloroethane	ND	1.1	1.08	
Dibromochloromethane	ND	2.2	1.08		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.08	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.08		Trichloroethene	ND	2.2	1.08	
1,2-Dibromoethane	ND	1.1	1.08		Trichlorofluoromethane	ND	11	1.08	
Dibromomethane	ND	1.1	1.08		1,2,3-Trichloropropane	ND	2.2	1.08	
1,2-Dichlorobenzene	ND	1.1	1.08		1,2,4-Trimethylbenzene	ND	2.2	1.08	
1,3-Dichlorobenzene	ND	1.1	1.08		1,3,5-Trimethylbenzene	ND	2.2	1.08	
1,4-Dichlorobenzene	ND	1.1	1.08		Vinyl Acetate	ND	11	1.08	
Dichlorodifluoromethane	ND	2.2	1.08		Vinyl Chloride	ND	1.1	1.08	
1,1-Dichloroethane	ND	1.1	1.08		p/m-Xylene	ND	2.2	1.08	
1,2-Dichloroethane	ND	1.1	1.08		o-Xylene	ND	1.1	1.08	
1,1-Dichloroethene	ND	1.1	1.08		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.08	
c-1,2-Dichloroethene	ND	1.1	1.08		Tert-Butyl Alcohol (TBA)	ND	22	1.08	
t-1,2-Dichloroethene	ND	1.1	1.08		Diisopropyl Ether (DIPE)	ND	1.1	1.08	
1,2-Dichloropropane	ND	1.1	1.08		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.08	
1,3-Dichloropropane	ND	1.1	1.08		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.08	
2,2-Dichloropropane	ND	5.4	1.08		Ethanol	ND	540	1.08	
1,1-Dichloropropene	ND	2.2	1.08						
<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	115	71-137			1,2-Dichloroethane-d4	130	58-160		
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 9 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-6-20	09-09-0479-14-E	09/04/09 08:34	Solid	GC/MS W	09/04/09	09/12/09 02:52	090911L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5200	104		c-1,3-Dichloropropene	ND	100	104	
Benzene	ND	100	104		t-1,3-Dichloropropene	ND	210	104	
Bromobenzene	ND	100	104		Ethylbenzene	8800	100	104	
Bromochloromethane	ND	210	104		2-Hexanone	ND	2100	104	
Bromodichloromethane	ND	100	104		Isopropylbenzene	3700	100	104	
Bromoform	ND	520	104		p-Isopropyltoluene	4500	100	104	
Bromomethane	ND	2100	104		Methylene Chloride	ND	1000	104	
2-Butanone	ND	2100	104		4-Methyl-2-Pentanone	ND	2100	104	
n-Butylbenzene	5300	100	104		Naphthalene	17000	1000	104	
sec-Butylbenzene	3000	100	104		n-Propylbenzene	6100	210	104	
tert-Butylbenzene	ND	100	104		Styrene	ND	100	104	
Carbon Disulfide	ND	1000	104		1,1,1,2-Tetrachloroethane	ND	1,100	104	
Carbon Tetrachloride	ND	100	104		1,1,2,2-Tetrachloroethane	ND	210	104	
Chlorobenzene	ND	100	104		Tetrachloroethene	ND	100	104	
Chloroethane	ND	210	104		Toluene	ND	100	104	
Chloroform	ND	100	104		1,2,3-Trichlorobenzene	ND	210	104	
Chloromethane	ND	2100	104		1,2,4-Trichlorobenzene	ND	210	104	
2-Chlorotoluene	ND	100	104		1,1,1-Trichloroethane	ND	100	104	
4-Chlorotoluene	ND	100	104		1,1,2-Trichloroethane	ND	100	104	
Dibromochloromethane	ND	210	104		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	104	
1,2-Dibromo-3-Chloropropane	ND	520	104		Trichloroethene	ND	210	104	
1,2-Dibromoethane	ND	100	104		Trichlorofluoromethane	ND	1000	104	
Dibromomethane	ND	100	104		1,2,3-Trichloropropane	ND	210	104	
1,2-Dichlorobenzene	ND	100	104		1,2,4-Trimethylbenzene	18000	210	104	
1,3-Dichlorobenzene	ND	100	104		1,3,5-Trimethylbenzene	3600	210	104	
1,4-Dichlorobenzene	ND	100	104		Vinyl Acetate	ND	1000	104	
Dichlorodifluoromethane	ND	210	104		Vinyl Chloride	ND	100	104	
1,1-Dichloroethane	ND	100	104		p/m-Xylene	4300	210	104	
1,2-Dichloroethane	ND	100	104		o-Xylene	780	100	104	
1,1-Dichloroethene	ND	100	104		Methyl-t-Butyl Ether (MTBE)	ND	210	104	
c-1,2-Dichloroethene	ND	100	104		Tert-Butyl Alcohol (TBA)	ND	2100	104	
t-1,2-Dichloroethene	ND	100	104		Diisopropyl Ether (DIPE)	ND	100	104	
1,2-Dichloropropane	ND	100	104		Ethyl-t-Butyl Ether (ETBE)	ND	100	104	
1,3-Dichloropropane	ND	100	104		Tert-Amyl-Methyl Ether (TAME)	ND	100	104	
2,2-Dichloropropane	ND	520	104		Ethanol	ND	52000	104	
1,1-Dichloropropene	ND	210	104						
<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	81	71-137			1,2-Dichloroethane-d4	85	58-160		
1,4-Bromofluorobenzene	120	66-126			Toluene-d8	115	87-111		2,1

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 10 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-6-25	09-09-0479-15-E	09/04/09 08:40	Solid	GC/MS RR	09/04/09	09/10/09 19:22	090910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4400	87		c-1,3-Dichloropropene	ND	87	87	
Benzene	ND	87	87		t-1,3-Dichloropropene	ND	170	87	
Bromobenzene	ND	87	87		Ethylbenzene	ND	87	87	
Bromochloromethane	ND	170	87		2-Hexanone	ND	1700	87	
Bromodichloromethane	ND	87	87		Isopropylbenzene	ND	87	87	
Bromoform	ND	440	87		p-Isopropyltoluene	ND	87	87	
Bromomethane	ND	1700	87		Methylene Chloride	ND	870	87	
2-Butanone	ND	1700	87		4-Methyl-2-Pentanone	ND	1700	87	
n-Butylbenzene	ND	87	87		Naphthalene	ND	870	87	
sec-Butylbenzene	ND	87	87		n-Propylbenzene	ND	170	87	
tert-Butylbenzene	ND	87	87		Styrene	ND	87	87	
Carbon Disulfide	ND	870	87		1,1,1,2-Tetrachloroethane	ND	87	87	
Carbon Tetrachloride	ND	87	87		1,1,2,2-Tetrachloroethane	ND	170	87	
Chlorobenzene	ND	87	87		Tetrachloroethene	ND	87	87	
Chloroethane	ND	170	87		Toluene	ND	87	87	
Chloroform	ND	87	87		1,2,3-Trichlorobenzene	ND	170	87	
Chloromethane	ND	1700	87		1,2,4-Trichlorobenzene	ND	170	87	
2-Chlorotoluene	ND	87	87		1,1,1-Trichloroethane	ND	87	87	
4-Chlorotoluene	ND	87	87		1,1,2-Trichloroethane	ND	87	87	
Dibromochloromethane	ND	170	87		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	870	87	
1,2-Dibromo-3-Chloropropane	ND	440	87		Trichloroethene	ND	170	87	
1,2-Dibromoethane	ND	87	87		Trichlorofluoromethane	ND	870	87	
Dibromomethane	ND	87	87		1,2,3-Trichloropropane	ND	170	87	
1,2-Dichlorobenzene	ND	87	87		1,2,4-Trimethylbenzene	ND	170	87	
1,3-Dichlorobenzene	ND	87	87		1,3,5-Trimethylbenzene	ND	170	87	
1,4-Dichlorobenzene	ND	87	87		Vinyl Acetate	ND	870	87	
Dichlorodifluoromethane	ND	170	87		Vinyl Chloride	ND	87	87	
1,1-Dichloroethane	ND	87	87		p/m-Xylene	ND	170	87	
1,2-Dichloroethane	ND	87	87		o-Xylene	ND	87	87	
1,1-Dichloroethene	ND	87	87		Methyl-t-Butyl Ether (MTBE)	ND	170	87	
c-1,2-Dichloroethene	ND	87	87		Tert-Butyl Alcohol (TBA)	ND	1700	87	
t-1,2-Dichloroethene	ND	87	87		Diisopropyl Ether (DIPE)	ND	87	87	
1,2-Dichloropropane	ND	87	87		Ethyl-t-Butyl Ether (ETBE)	ND	87	87	
1,3-Dichloropropane	ND	87	87		Tert-Amyl-Methyl Ether (TAME)	ND	87	87	
2,2-Dichloropropane	ND	440	87		Ethanol	ND	44000	87	
1,1-Dichloropropene	ND	170	87						
<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	71-137			1,2-Dichloroethane-d4	98	58-160		
1,4-Bromofluorobenzene	101	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

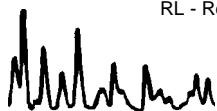
Project: DFSP NORWALK / 746441

Page 11 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-10	09-09-0479-17-E	09/04/09 09:08	Solid	GC/MS RR	09/04/09	09/10/09 19:47	090910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5500	110		c-1,3-Dichloropropene	ND	110	110	
Benzene	ND	110	110		t-1,3-Dichloropropene	ND	220	110	
Bromobenzene	ND	110	110		Ethylbenzene	240	110	110	
Bromochloromethane	ND	220	110		2-Hexanone	ND	2200	110	
Bromodichloromethane	ND	110	110		Isopropylbenzene	430	110	110	
Bromoform	ND	550	110		p-Isopropyltoluene	5100	110	110	
Bromomethane	ND	2200	110		Methylene Chloride	ND	1100	110	
2-Butanone	ND	2200	110		4-Methyl-2-Pentanone	ND	2200	110	
n-Butylbenzene	4400	110	110		Naphthalene	1300	1100	110	
sec-Butylbenzene	1800	110	110		n-Propylbenzene	660	220	110	
tert-Butylbenzene	ND	110	110		Styrene	ND	110	110	
Carbon Disulfide	ND	1100	110		1,1,1,2-Tetrachloroethane	ND	110	110	
Carbon Tetrachloride	ND	110	110		1,1,2,2-Tetrachloroethane	ND	220	110	
Chlorobenzene	ND	110	110		Tetrachloroethene	ND	110	110	
Chloroethane	ND	220	110		Toluene	ND	110	110	
Chloroform	ND	110	110		1,2,3-Trichlorobenzene	ND	220	110	
Chloromethane	ND	2200	110		1,2,4-Trichlorobenzene	ND	220	110	
2-Chlorotoluene	ND	110	110		1,1,1-Trichloroethane	ND	110	110	
4-Chlorotoluene	ND	110	110		1,1,2-Trichloroethane	ND	110	110	
Dibromochloromethane	ND	220	110		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1100	110	
1,2-Dibromo-3-Chloropropane	ND	550	110		Trichloroethene	ND	220	110	
1,2-Dibromoethane	ND	110	110		Trichlorofluoromethane	ND	1100	110	
Dibromomethane	ND	110	110		1,2,3-Trichloropropane	ND	220	110	
1,2-Dichlorobenzene	ND	110	110		1,2,4-Trimethylbenzene	2700	220	110	
1,3-Dichlorobenzene	ND	110	110		1,3,5-Trimethylbenzene	1800	220	110	
1,4-Dichlorobenzene	ND	110	110		Vinyl Acetate	ND	1100	110	
Dichlorodifluoromethane	ND	220	110		Vinyl Chloride	ND	110	110	
1,1-Dichloroethane	ND	110	110		p/m-Xylene	ND	220	110	
1,2-Dichloroethane	ND	110	110		o-Xylene	ND	110	110	
1,1-Dichloroethene	ND	110	110		Methyl-t-Butyl Ether (MTBE)	ND	220	110	
c-1,2-Dichloroethene	ND	110	110		Tert-Butyl Alcohol (TBA)	ND	2200	110	
t-1,2-Dichloroethene	ND	110	110		Diisopropyl Ether (DIPE)	ND	110	110	
1,2-Dichloropropane	ND	110	110		Ethyl-t-Butyl Ether (ETBE)	ND	110	110	
1,3-Dichloropropane	ND	110	110		Tert-Amyl-Methyl Ether (TAME)	ND	110	110	
2,2-Dichloropropane	ND	550	110		Ethanol	ND	55000	110	
1,1-Dichloropropene	ND	220	110						
<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	98	71-137			1,2-Dichloroethane-d4	96	58-160		
1,4-Bromofluorobenzene	120	66-126			Toluene-d8	103	87-111		

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





## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

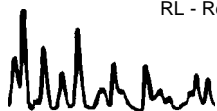
Project: DFSP NORWALK / 746441

Page 12 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-15	09-09-0479-18-E	09/04/09 09:12	Solid	GC/MS W	09/04/09	09/11/09 20:37	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5400	108		c-1,3-Dichloropropene	ND	110	108	
Benzene	ND	110	108		t-1,3-Dichloropropene	ND	220	108	
Bromobenzene	ND	110	108		Ethylbenzene	110	110	108	
Bromochloromethane	ND	220	108		2-Hexanone	ND	2200	108	
Bromodichloromethane	ND	110	108		Isopropylbenzene	ND	110	108	
Bromoform	ND	540	108		p-Isopropyltoluene	670	110	108	
Bromomethane	ND	2200	108		Methylene Chloride	ND	1100	108	
2-Butanone	ND	2200	108		4-Methyl-2-Pentanone	ND	2200	108	
n-Butylbenzene	ND	110	108		Naphthalene	ND	1100	108	
sec-Butylbenzene	220	110	108		n-Propylbenzene	ND	220	108	
tert-Butylbenzene	ND	110	108		Styrene	ND	110	108	
Carbon Disulfide	ND	1100	108		1,1,1,2-Tetrachloroethane	ND	110	108	
Carbon Tetrachloride	ND	110	108		1,1,2,2-Tetrachloroethane	ND	220	108	
Chlorobenzene	ND	110	108		Tetrachloroethene	ND	110	108	
Chloroethane	ND	220	108		Toluene	ND	110	108	
Chloroform	ND	110	108		1,2,3-Trichlorobenzene	ND	220	108	
Chloromethane	ND	2200	108		1,2,4-Trichlorobenzene	ND	220	108	
2-Chlorotoluene	ND	110	108		1,1,1-Trichloroethane	ND	110	108	
4-Chlorotoluene	ND	110	108		1,1,2-Trichloroethane	ND	110	108	
Dibromochloromethane	ND	220	108		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1100	108	
1,2-Dibromo-3-Chloropropane	ND	540	108		Trichloroethene	ND	220	108	
1,2-Dibromoethane	ND	110	108		Trichlorofluoromethane	ND	1100	108	
Dibromomethane	ND	110	108		1,2,3-Trichloropropane	ND	220	108	
1,2-Dichlorobenzene	ND	110	108		1,2,4-Trimethylbenzene	1600	220	108	
1,3-Dichlorobenzene	ND	110	108		1,3,5-Trimethylbenzene	1500	220	108	
1,4-Dichlorobenzene	ND	110	108		Vinyl Acetate	ND	1100	108	
Dichlorodifluoromethane	ND	220	108		Vinyl Chloride	ND	110	108	
1,1-Dichloroethane	ND	110	108		p/m-Xylene	ND	220	108	
1,2-Dichloroethane	ND	110	108		o-Xylene	ND	110	108	
1,1-Dichloroethene	ND	110	108		Methyl-t-Butyl Ether (MTBE)	ND	220	108	
c-1,2-Dichloroethene	ND	110	108		Tert-Butyl Alcohol (TBA)	ND	2200	108	
t-1,2-Dichloroethene	ND	110	108		Diisopropyl Ether (DIPE)	ND	110	108	
1,2-Dichloropropane	ND	110	108		Ethyl-t-Butyl Ether (ETBE)	ND	110	108	
1,3-Dichloropropane	ND	110	108		Tert-Amyl-Methyl Ether (TAME)	ND	110	108	
2,2-Dichloropropane	ND	540	108		Ethanol	ND	54000	108	
1,1-Dichloropropene	ND	220	108						
<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	95	71-137			1,2-Dichloroethane-d4	95	58-160		
1,4-Bromofluorobenzene	104	66-126			Toluene-d8	106	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 13 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-20	09-09-0479-19-D	09/04/09 09:16	Solid	GC/MS RR	09/04/09	09/12/09 13:35	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	47	0.947		c-1,3-Dichloropropene	ND	0.95	0.947	
Benzene	1.5	0.95	0.947		t-1,3-Dichloropropene	ND	1.9	0.947	
Bromobenzene	ND	0.95	0.947		Ethylbenzene	0.99	0.95	0.947	
Bromochloromethane	ND	1.9	0.947		2-Hexanone	ND	19	0.947	
Bromodichloromethane	ND	0.95	0.947		Isopropylbenzene	1.7	0.95	0.947	
Bromoform	ND	4.7	0.947		p-Isopropyltoluene	ND	0.95	0.947	
Bromomethane	ND	19	0.947		Methylene Chloride	ND	9.5	0.947	
2-Butanone	ND	19	0.947		4-Methyl-2-Pentanone	ND	19	0.947	
n-Butylbenzene	4.5	0.95	0.947		Naphthalene	ND	9.5	0.947	
sec-Butylbenzene	5.3	0.95	0.947		n-Propylbenzene	ND	1.9	0.947	
tert-Butylbenzene	ND	0.95	0.947		Styrene	ND	0.95	0.947	
Carbon Disulfide	ND	9.5	0.947		1,1,1,2-Tetrachloroethane	ND	0.95	0.947	
Carbon Tetrachloride	ND	0.95	0.947		1,1,2,2-Tetrachloroethane	ND	1.9	0.947	
Chlorobenzene	ND	0.95	0.947		Tetrachloroethene	ND	0.95	0.947	
Chloroethane	ND	1.9	0.947		Toluene	5.1	0.95	0.947	
Chloroform	ND	0.95	0.947		1,2,3-Trichlorobenzene	ND	1.9	0.947	
Chloromethane	ND	19	0.947		1,2,4-Trichlorobenzene	ND	1.9	0.947	
2-Chlorotoluene	ND	0.95	0.947		1,1,1-Trichloroethane	ND	0.95	0.947	
4-Chlorotoluene	ND	0.95	0.947		1,1,2-Trichloroethane	ND	0.95	0.947	
Dibromochloromethane	ND	1.9	0.947		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.5	0.947	
1,2-Dibromo-3-Chloropropane	ND	4.7	0.947		Trichloroethene	ND	1.9	0.947	
1,2-Dibromoethane	ND	0.95	0.947		Trichlorofluoromethane	ND	9.5	0.947	
Dibromomethane	ND	0.95	0.947		1,2,3-Trichloropropane	ND	1.9	0.947	
1,2-Dichlorobenzene	ND	0.95	0.947		1,2,4-Trimethylbenzene	ND	1.9	0.947	
1,3-Dichlorobenzene	ND	0.95	0.947		1,3,5-Trimethylbenzene	ND	1.9	0.947	
1,4-Dichlorobenzene	ND	0.95	0.947		Vinyl Acetate	ND	9.5	0.947	
Dichlorodifluoromethane	ND	1.9	0.947		Vinyl Chloride	ND	0.95	0.947	
1,1-Dichloroethane	ND	0.95	0.947		p/m-Xylene	ND	1.9	0.947	
1,2-Dichloroethane	ND	0.95	0.947		o-Xylene	ND	0.95	0.947	
1,1-Dichloroethene	ND	0.95	0.947		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.947	
c-1,2-Dichloroethene	ND	0.95	0.947		Tert-Butyl Alcohol (TBA)	ND	19	0.947	
t-1,2-Dichloroethene	ND	0.95	0.947		Diisopropyl Ether (DIPE)	ND	0.95	0.947	
1,2-Dichloropropane	ND	0.95	0.947		Ethyl-t-Butyl Ether (ETBE)	ND	0.95	0.947	
1,3-Dichloropropane	ND	0.95	0.947		Tert-Amyl-Methyl Ether (TAME)	ND	0.95	0.947	
2,2-Dichloropropane	ND	4.7	0.947		Ethanol	ND	470	0.947	
1,1-Dichloropropene	ND	1.9	0.947						
<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	106	71-137		1,2-Dichloroethane-d4	114	58-160			
1,4-Bromofluorobenzene	104	66-126		Toluene-d8	108	87-111			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

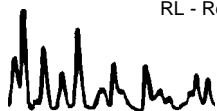
Project: DFSP NORWALK / 746441

Page 14 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-8-25	09-09-0479-20-C	09/04/09 09:21	Solid	GC/MS W	09/04/09	09/11/09 19:10	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	39	0.78		c-1,3-Dichloropropene	ND	0.78	0.78	
Benzene	1.1	0.78	0.78		t-1,3-Dichloropropene	ND	1.6	0.78	
Bromobenzene	ND	0.78	0.78		Ethylbenzene	ND	0.78	0.78	
Bromochloromethane	ND	1.6	0.78		2-Hexanone	ND	16	0.78	
Bromodichloromethane	ND	0.78	0.78		Isopropylbenzene	ND	0.78	0.78	
Bromoform	ND	3.9	0.78		p-Isopropyltoluene	ND	0.78	0.78	
Bromomethane	ND	16	0.78		Methylene Chloride	ND	7.8	0.78	
2-Butanone	ND	16	0.78		4-Methyl-2-Pentanone	ND	16	0.78	
n-Butylbenzene	ND	0.78	0.78		Naphthalene	ND	7.8	0.78	
sec-Butylbenzene	ND	0.78	0.78		n-Propylbenzene	ND	1.6	0.78	
tert-Butylbenzene	ND	0.78	0.78		Styrene	ND	0.78	0.78	
Carbon Disulfide	ND	7.8	0.78		1,1,1,2-Tetrachloroethane	ND	0.78	0.78	
Carbon Tetrachloride	ND	0.78	0.78		1,1,2,2-Tetrachloroethane	ND	1.6	0.78	
Chlorobenzene	ND	0.78	0.78		Tetrachloroethene	ND	0.78	0.78	
Chloroethane	ND	1.6	0.78		Toluene	2.7	0.78	0.78	
Chloroform	ND	0.78	0.78		1,2,3-Trichlorobenzene	ND	1.6	0.78	
Chloromethane	ND	16	0.78		1,2,4-Trichlorobenzene	ND	1.6	0.78	
2-Chlorotoluene	ND	0.78	0.78		1,1,1-Trichloroethane	ND	0.78	0.78	
4-Chlorotoluene	ND	0.78	0.78		1,1,2-Trichloroethane	ND	0.78	0.78	
Dibromochloromethane	ND	1.6	0.78		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.8	0.78	
1,2-Dibromo-3-Chloropropane	ND	3.9	0.78		Trichloroethene	ND	1.6	0.78	
1,2-Dibromoethane	ND	0.78	0.78		Trichlorofluoromethane	ND	7.8	0.78	
Dibromomethane	ND	0.78	0.78		1,2,3-Trichloropropane	ND	1.6	0.78	
1,2-Dichlorobenzene	ND	0.78	0.78		1,2,4-Trimethylbenzene	ND	1.6	0.78	
1,3-Dichlorobenzene	ND	0.78	0.78		1,3,5-Trimethylbenzene	ND	1.6	0.78	
1,4-Dichlorobenzene	ND	0.78	0.78		Vinyl Acetate	ND	7.8	0.78	
Dichlorodifluoromethane	ND	1.6	0.78		Vinyl Chloride	ND	0.78	0.78	
1,1-Dichloroethane	ND	0.78	0.78		p/m-Xylene	ND	1.6	0.78	
1,2-Dichloroethane	ND	0.78	0.78		o-Xylene	ND	0.78	0.78	
1,1-Dichloroethene	ND	0.78	0.78		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.78	
c-1,2-Dichloroethene	ND	0.78	0.78		Tert-Butyl Alcohol (TBA)	ND	16	0.78	
t-1,2-Dichloroethene	ND	0.78	0.78		Diisopropyl Ether (DIPE)	ND	0.78	0.78	
1,2-Dichloropropane	ND	0.78	0.78		Ethyl-t-Butyl Ether (ETBE)	ND	0.78	0.78	
1,3-Dichloropropane	ND	0.78	0.78		Tert-Amyl-Methyl Ether (TAME)	ND	0.78	0.78	
2,2-Dichloropropane	ND	3.9	0.78		Ethanol	ND	390	0.78	
1,1-Dichloropropene	ND	1.6	0.78						
<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	100	71-137			1,2-Dichloroethane-d4	117	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	103	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 15 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-10-15	09-09-0479-23-D	09/04/09 10:06	Solid	GC/MS RR	09/04/09	09/12/09 14:00	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.08		c-1,3-Dichloropropene	ND	1.1	1.08	
Benzene	ND	1.1	1.08		t-1,3-Dichloropropene	ND	2.2	1.08	
Bromobenzene	ND	1.1	1.08		Ethylbenzene	9.1	1.1	1.08	
Bromochloromethane	ND	2.2	1.08		2-Hexanone	ND	22	1.08	
Bromodichloromethane	ND	1.1	1.08		Isopropylbenzene	6.9	1.1	1.08	
Bromoform	ND	5.4	1.08		p-Isopropyltoluene	10	1.1	1.08	
Bromomethane	ND	22	1.08		Methylene Chloride	ND	11	1.08	
2-Butanone	ND	22	1.08		4-Methyl-2-Pentanone	ND	22	1.08	
n-Butylbenzene	ND	1.1	1.08		Naphthalene	ND	11	1.08	
sec-Butylbenzene	5.1	1.1	1.08		n-Propylbenzene	8.0	2.2	1.08	
tert-Butylbenzene	ND	1.1	1.08		Styrene	ND	1.1	1.08	
Carbon Disulfide	ND	11	1.08		1,1,1,2-Tetrachloroethane	ND	1.1	1.08	
Carbon Tetrachloride	ND	1.1	1.08		1,1,2,2-Tetrachloroethane	ND	2.2	1.08	
Chlorobenzene	ND	1.1	1.08		Tetrachloroethene	ND	1.1	1.08	
Chloroethane	ND	2.2	1.08		Toluene	4.2	1.1	1.08	
Chloroform	ND	1.1	1.08		1,2,3-Trichlorobenzene	ND	2.2	1.08	
Chloromethane	ND	22	1.08		1,2,4-Trichlorobenzene	ND	2.2	1.08	
2-Chlorotoluene	ND	1.1	1.08		1,1,1-Trichloroethane	ND	1.1	1.08	
4-Chlorotoluene	ND	1.1	1.08		1,1,2-Trichloroethane	ND	1.1	1.08	
Dibromochloromethane	ND	2.2	1.08		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.08	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.08		Trichloroethene	ND	2.2	1.08	
1,2-Dibromoethane	ND	1.1	1.08		Trichlorofluoromethane	ND	11	1.08	
Dibromomethane	ND	1.1	1.08		1,2,3-Trichloropropane	ND	2.2	1.08	
1,2-Dichlorobenzene	ND	1.1	1.08		1,2,4-Trimethylbenzene	65	2.2	1.08	
1,3-Dichlorobenzene	ND	1.1	1.08		1,3,5-Trimethylbenzene	8.4	2.2	1.08	
1,4-Dichlorobenzene	ND	1.1	1.08		Vinyl Acetate	ND	11	1.08	
Dichlorodifluoromethane	ND	2.2	1.08		Vinyl Chloride	ND	1.1	1.08	
1,1-Dichloroethane	ND	1.1	1.08		p/m-Xylene	15	2.2	1.08	
1,2-Dichloroethane	ND	1.1	1.08		o-Xylene	ND	1.1	1.08	
1,1-Dichloroethene	ND	1.1	1.08		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.08	
c-1,2-Dichloroethene	ND	1.1	1.08		Tert-Butyl Alcohol (TBA)	ND	22	1.08	
t-1,2-Dichloroethene	ND	1.1	1.08		Diisopropyl Ether (DIPE)	ND	1.1	1.08	
1,2-Dichloropropane	ND	1.1	1.08		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.08	
1,3-Dichloropropane	ND	1.1	1.08		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.08	
2,2-Dichloropropane	ND	5.4	1.08		Ethanol	ND	540	1.08	
1,1-Dichloropropene	ND	2.2	1.08						
<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	71-137			1,2-Dichloroethane-d4	106	58-160		
1,4-Bromofluorobenzene	105	66-126			Toluene-d8	104	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

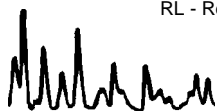
Project: DFSP NORWALK / 746441

Page 16 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-10-20	09-09-0479-24-E	09/04/09 10:10	Solid	GC/MS W	09/04/09	09/12/09 03:21	090911L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	21000	417		c-1,3-Dichloropropene	ND	420	417	
Benzene	ND	420	417		t-1,3-Dichloropropene	ND	830	417	
Bromobenzene	ND	420	417		Ethylbenzene	11000	420	417	
Bromochloromethane	ND	830	417		2-Hexanone	ND	8300	417	
Bromodichloromethane	ND	420	417		Isopropylbenzene	4100	420	417	
Bromoform	ND	2100	417		p-Isopropyltoluene	5500	420	417	
Bromomethane	ND	8300	417		Methylene Chloride	ND	4200	417	
2-Butanone	ND	8300	417		4-Methyl-2-Pentanone	ND	8300	417	
n-Butylbenzene	6400	420	417		Naphthalene	15000	4200	417	
sec-Butylbenzene	3300	420	417		n-Propylbenzene	6500	830	417	
tert-Butylbenzene	ND	420	417		Styrene	ND	420	417	
Carbon Disulfide	ND	4200	417		1,1,1,2-Tetrachloroethane	ND	420	417	
Carbon Tetrachloride	ND	420	417		1,1,2,2-Tetrachloroethane	ND	830	417	
Chlorobenzene	ND	420	417		Tetrachloroethene	ND	420	417	
Chloroethane	ND	830	417		Toluene	ND	420	417	
Chloroform	ND	420	417		1,2,3-Trichlorobenzene	ND	830	417	
Chloromethane	ND	8300	417		1,2,4-Trichlorobenzene	ND	830	417	
2-Chlorotoluene	ND	420	417		1,1,1-Trichloroethane	ND	420	417	
4-Chlorotoluene	ND	420	417		1,1,2-Trichloroethane	ND	420	417	
Dibromochloromethane	ND	830	417		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	4200	417	
1,2-Dibromo-3-Chloropropane	ND	2100	417		Trichloroethene	ND	830	417	
1,2-Dibromoethane	ND	420	417		Trichlorofluoromethane	ND	4200	417	
Dibromomethane	ND	420	417		1,2,3-Trichloropropane	ND	830	417	
1,2-Dichlorobenzene	ND	420	417		1,2,4-Trimethylbenzene	39000	830	417	
1,3-Dichlorobenzene	ND	420	417		1,3,5-Trimethylbenzene	7800	830	417	
1,4-Dichlorobenzene	ND	420	417		Vinyl Acetate	ND	4200	417	
Dichlorodifluoromethane	ND	830	417		Vinyl Chloride	ND	420	417	
1,1-Dichloroethane	ND	420	417		p/m-Xylene	13000	830	417	
1,2-Dichloroethane	ND	420	417		o-Xylene	ND	420	417	
1,1-Dichloroethene	ND	420	417		Methyl-t-Butyl Ether (MTBE)	ND	830	417	
c-1,2-Dichloroethene	ND	420	417		Tert-Butyl Alcohol (TBA)	ND	8300	417	
t-1,2-Dichloroethene	ND	420	417		Diisopropyl Ether (DIPE)	ND	420	417	
1,2-Dichloropropane	ND	420	417		Ethyl-t-Butyl Ether (ETBE)	ND	420	417	
1,3-Dichloropropane	ND	420	417		Tert-Amyl-Methyl Ether (TAME)	ND	420	417	
2,2-Dichloropropane	ND	2100	417		Ethanol	ND	210000	417	
1,1-Dichloropropene	ND	830	417						
<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	89	71-137		1,2-Dichloroethane-d4	86	58-160			
1,4-Bromofluorobenzene	102	66-126		Toluene-d8	104	87-111			

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

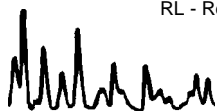
Project: DFSP NORWALK / 746441

Page 17 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-10-25	09-09-0479-25-E	09/04/09 10:15	Solid	GC/MS W	09/04/09	09/12/09 03:50	090911L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5700	114		c-1,3-Dichloropropene	ND	110	114	
Benzene	ND	110	114		t-1,3-Dichloropropene	ND	230	114	
Bromobenzene	ND	110	114		Ethylbenzene	940	110	114	
Bromochloromethane	ND	230	114		2-Hexanone	ND	2300	114	
Bromodichloromethane	ND	110	114		Isopropylbenzene	420	110	114	
Bromoform	ND	570	114		p-Isopropyltoluene	ND	110	114	
Bromomethane	ND	2300	114		Methylene Chloride	ND	1100	114	
2-Butanone	ND	2300	114		4-Methyl-2-Pentanone	ND	2300	114	
n-Butylbenzene	550	110	114		Naphthalene	3500	1100	114	
sec-Butylbenzene	330	110	114		n-Propylbenzene	580	230	114	
tert-Butylbenzene	ND	110	114		Styrene	ND	110	114	
Carbon Disulfide	ND	1100	114		1,1,1,2-Tetrachloroethane	ND	110	114	
Carbon Tetrachloride	ND	110	114		1,1,2,2-Tetrachloroethane	ND	230	114	
Chlorobenzene	ND	110	114		Tetrachloroethane	ND	110	114	
Chloroethane	ND	230	114		Toluene	ND	110	114	
Chloroform	ND	110	114		1,2,3-Trichlorobenzene	ND	230	114	
Chloromethane	ND	2300	114		1,2,4-Trichlorobenzene	ND	230	114	
2-Chlorotoluene	ND	110	114		1,1,1-Trichloroethane	ND	110	114	
4-Chlorotoluene	ND	110	114		1,1,2-Trichloroethane	ND	110	114	
Dibromochloromethane	ND	230	114		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1100	114	
1,2-Dibromo-3-Chloropropane	ND	570	114		Trichloroethene	ND	230	114	
1,2-Dibromoethane	ND	110	114		Trichlorofluoromethane	ND	1100	114	
Dibromomethane	ND	110	114		1,2,3-Trichloropropane	ND	230	114	
1,2-Dichlorobenzene	ND	110	114		1,2,4-Trimethylbenzene	ND	230	114	
1,3-Dichlorobenzene	ND	110	114		1,3,5-Trimethylbenzene	390	230	114	
1,4-Dichlorobenzene	ND	110	114		Vinyl Acetate	ND	1100	114	
Dichlorodifluoromethane	ND	230	114		Vinyl Chloride	ND	110	114	
1,1-Dichloroethane	ND	110	114		p/m-Xylene	ND	230	114	
1,2-Dichloroethane	ND	110	114		o-Xylene	ND	110	114	
1,1-Dichloroethene	ND	110	114		Methyl-t-Butyl Ether (MTBE)	ND	230	114	
c-1,2-Dichloroethene	ND	110	114		Tert-Butyl Alcohol (TBA)	ND	2300	114	
t-1,2-Dichloroethene	ND	110	114		Diisopropyl Ether (DIPE)	ND	110	114	
1,2-Dichloropropane	ND	110	114		Ethyl-t-Butyl Ether (ETBE)	ND	110	114	
1,3-Dichloropropane	ND	110	114		Tert-Amyl-Methyl Ether (TAME)	ND	110	114	
2,2-Dichloropropane	ND	570	114		Ethanol	ND	57000	114	
1,1-Dichloropropene	ND	230	114						
<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	87	71-137			1,2-Dichloroethane-d4	89	58-160		
1,4-Bromofluorobenzene	103	66-126			Toluene-d8	102	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

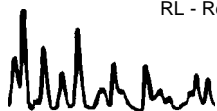
Project: DFSP NORWALK / 746441

Page 18 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-11-15	09-09-0479-28-C	09/04/09 10:51	Solid	GC/MS W	09/04/09	09/11/09 19:39	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	39	0.78		c-1,3-Dichloropropene	ND	0.78	0.78	
Benzene	ND	0.78	0.78		t-1,3-Dichloropropene	ND	1.6	0.78	
Bromobenzene	ND	0.78	0.78		Ethylbenzene	ND	0.78	0.78	
Bromochloromethane	ND	1.6	0.78		2-Hexanone	ND	16	0.78	
Bromodichloromethane	ND	0.78	0.78		Isopropylbenzene	ND	0.78	0.78	
Bromoform	ND	3.9	0.78		p-Isopropyltoluene	ND	0.78	0.78	
Bromomethane	ND	16	0.78		Methylene Chloride	ND	7.8	0.78	
2-Butanone	ND	16	0.78		4-Methyl-2-Pentanone	ND	16	0.78	
n-Butylbenzene	ND	0.78	0.78		Naphthalene	ND	7.8	0.78	
sec-Butylbenzene	ND	0.78	0.78		n-Propylbenzene	ND	1.6	0.78	
tert-Butylbenzene	ND	0.78	0.78		Styrene	ND	0.78	0.78	
Carbon Disulfide	ND	7.8	0.78		1,1,1,2-Tetrachloroethane	ND	0.78	0.78	
Carbon Tetrachloride	ND	0.78	0.78		1,1,2,2-Tetrachloroethane	ND	1.6	0.78	
Chlorobenzene	ND	0.78	0.78		Tetrachloroethene	ND	0.78	0.78	
Chloroethane	ND	1.6	0.78		Toluene	1.2	0.78	0.78	
Chloroform	ND	0.78	0.78		1,2,3-Trichlorobenzene	ND	1.6	0.78	
Chloromethane	ND	16	0.78		1,2,4-Trichlorobenzene	ND	1.6	0.78	
2-Chlorotoluene	ND	0.78	0.78		1,1,1-Trichloroethane	ND	0.78	0.78	
4-Chlorotoluene	ND	0.78	0.78		1,1,2-Trichloroethane	ND	0.78	0.78	
Dibromochloromethane	ND	1.6	0.78		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.8	0.78	
1,2-Dibromo-3-Chloropropane	ND	3.9	0.78		Trichloroethene	ND	1.6	0.78	
1,2-Dibromoethane	ND	0.78	0.78		Trichlorofluoromethane	ND	7.8	0.78	
Dibromomethane	ND	0.78	0.78		1,2,3-Trichloropropane	ND	1.6	0.78	
1,2-Dichlorobenzene	ND	0.78	0.78		1,2,4-Trimethylbenzene	ND	1.6	0.78	
1,3-Dichlorobenzene	ND	0.78	0.78		1,3,5-Trimethylbenzene	ND	1.6	0.78	
1,4-Dichlorobenzene	ND	0.78	0.78		Vinyl Acetate	ND	7.8	0.78	
Dichlorodifluoromethane	ND	1.6	0.78		Vinyl Chloride	ND	0.78	0.78	
1,1-Dichloroethane	ND	0.78	0.78		p/m-Xylene	ND	1.6	0.78	
1,2-Dichloroethane	ND	0.78	0.78		o-Xylene	ND	0.78	0.78	
1,1-Dichloroethene	ND	0.78	0.78		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.78	
c-1,2-Dichloroethene	ND	0.78	0.78		Tert-Butyl Alcohol (TBA)	ND	16	0.78	
t-1,2-Dichloroethene	ND	0.78	0.78		Diisopropyl Ether (DIPE)	ND	0.78	0.78	
1,2-Dichloropropane	ND	0.78	0.78		Ethyl-t-Butyl Ether (ETBE)	ND	0.78	0.78	
1,3-Dichloropropane	ND	0.78	0.78		Tert-Amyl-Methyl Ether (TAME)	ND	0.78	0.78	
2,2-Dichloropropane	ND	3.9	0.78		Ethanol	ND	390	0.78	
1,1-Dichloropropene	ND	1.6	0.78						
<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	112	71-137			1,2-Dichloroethane-d4	118	58-160		
1,4-Bromofluorobenzene	91	66-126			Toluene-d8	99	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

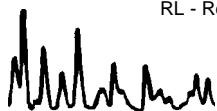
Project: DFSP NORWALK / 746441

Page 19 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-11-20	09-09-0479-29-E	09/04/09 10:56	Solid	GC/MS W	09/04/09	09/12/09 04:19	090911L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4300	85.9		c-1,3-Dichloropropene	ND	86	85.9	
Benzene	ND	86	85.9		t-1,3-Dichloropropene	ND	170	85.9	
Bromobenzene	ND	86	85.9		Ethylbenzene	2700	86	85.9	
Bromochloromethane	ND	170	85.9		2-Hexanone	ND	1700	85.9	
Bromodichloromethane	ND	86	85.9		Isopropylbenzene	2200	86	85.9	
Bromoform	ND	430	85.9		p-Isopropyltoluene	3600	86	85.9	
Bromomethane	ND	1700	85.9		Methylene Chloride	ND	860	85.9	
2-Butanone	ND	1700	85.9		4-Methyl-2-Pentanone	ND	1700	85.9	
n-Butylbenzene	4500	86	85.9		Naphthalene	1500	860	85.9	
sec-Butylbenzene	2500	86	85.9		n-Propylbenzene	3700	170	85.9	
tert-Butylbenzene	ND	86	85.9		Styrene	ND	86	85.9	
Carbon Disulfide	ND	860	85.9		1,1,1,2-Tetrachloroethane	ND	86	85.9	
Carbon Tetrachloride	ND	86	85.9		1,1,2,2-Tetrachloroethane	ND	170	85.9	
Chlorobenzene	ND	86	85.9		Tetrachloroethane	ND	86	85.9	
Chloroethane	ND	170	85.9		Toluene	ND	86	85.9	
Chloroform	ND	86	85.9		1,2,3-Trichlorobenzene	ND	170	85.9	
Chloromethane	ND	1700	85.9		1,2,4-Trichlorobenzene	ND	170	85.9	
2-Chlorotoluene	ND	86	85.9		1,1,1-Trichloroethane	ND	86	85.9	
4-Chlorotoluene	ND	86	85.9		1,1,2-Trichloroethane	ND	86	85.9	
Dibromochloromethane	ND	170	85.9		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	860	85.9	
1,2-Dibromo-3-Chloropropane	ND	430	85.9		Trichloroethene	ND	170	85.9	
1,2-Dibromoethane	ND	86	85.9		Trichlorofluoromethane	ND	860	85.9	
Dibromomethane	ND	86	85.9		1,2,3-Trichloropropane	ND	170	85.9	
1,2-Dichlorobenzene	ND	86	85.9		1,2,4-Trimethylbenzene	12000	170	85.9	
1,3-Dichlorobenzene	ND	86	85.9		1,3,5-Trimethylbenzene	2200	170	85.9	
1,4-Dichlorobenzene	ND	86	85.9		Vinyl Acetate	ND	860	85.9	
Dichlorodifluoromethane	ND	170	85.9		Vinyl Chloride	ND	86	85.9	
1,1-Dichloroethane	ND	86	85.9		p/m-Xylene	320	170	85.9	
1,2-Dichloroethane	ND	86	85.9		o-Xylene	ND	86	85.9	
1,1-Dichloroethene	ND	86	85.9		Methyl-t-Butyl Ether (MTBE)	ND	170	85.9	
c-1,2-Dichloroethene	ND	86	85.9		Tert-Butyl Alcohol (TBA)	ND	1700	85.9	
t-1,2-Dichloroethene	ND	86	85.9		Diisopropyl Ether (DIPE)	ND	86	85.9	
1,2-Dichloropropane	ND	86	85.9		Ethyl-t-Butyl Ether (ETBE)	ND	86	85.9	
1,3-Dichloropropane	ND	86	85.9		Tert-Amyl-Methyl Ether (TAME)	ND	86	85.9	
2,2-Dichloropropane	ND	430	85.9		Ethanol	ND	43000	85.9	
1,1-Dichloropropene	ND	170	85.9						
<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	87	71-137			1,2-Dichloroethane-d4	85	58-160		
1,4-Bromofluorobenzene	123	66-126			Toluene-d8	109	87-111		

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





## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

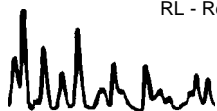
Project: DFSP NORWALK / 746441

Page 20 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-11-25	09-09-0479-30-D	09/04/09 11:05	Solid	GC/MS S	09/04/09	09/10/09 17:40	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	43	0.858		c-1,3-Dichloropropene	ND	0.86	0.858	
Benzene	1.2	0.86	0.858		t-1,3-Dichloropropene	ND	1.7	0.858	
Bromobenzene	ND	0.86	0.858		Ethylbenzene	ND	0.86	0.858	
Bromochloromethane	ND	1.7	0.858		2-Hexanone	ND	17	0.858	
Bromodichloromethane	ND	0.86	0.858		Isopropylbenzene	ND	0.86	0.858	
Bromoform	ND	4.3	0.858		p-Isopropyltoluene	ND	0.86	0.858	
Bromomethane	ND	17	0.858		Methylene Chloride	ND	8.6	0.858	
2-Butanone	ND	17	0.858		4-Methyl-2-Pentanone	ND	17	0.858	
n-Butylbenzene	ND	0.86	0.858		Naphthalene	ND	8.6	0.858	
sec-Butylbenzene	ND	0.86	0.858		n-Propylbenzene	ND	1.7	0.858	
tert-Butylbenzene	ND	0.86	0.858		Styrene	ND	0.86	0.858	
Carbon Disulfide	ND	8.6	0.858		1,1,1,2-Tetrachloroethane	ND	0.86	0.858	
Carbon Tetrachloride	ND	0.86	0.858		1,1,2,2-Tetrachloroethane	ND	1.7	0.858	
Chlorobenzene	ND	0.86	0.858		Tetrachloroethene	ND	0.86	0.858	
Chloroethane	ND	1.7	0.858		Toluene	1.2	0.86	0.858	
Chloroform	ND	0.86	0.858		1,2,3-Trichlorobenzene	ND	1.7	0.858	
Chloromethane	ND	17	0.858		1,2,4-Trichlorobenzene	ND	1.7	0.858	
2-Chlorotoluene	ND	0.86	0.858		1,1,1-Trichloroethane	ND	0.86	0.858	
4-Chlorotoluene	ND	0.86	0.858		1,1,2-Trichloroethane	ND	0.86	0.858	
Dibromochloromethane	ND	1.7	0.858		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.6	0.858	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.858		Trichloroethene	ND	1.7	0.858	
1,2-Dibromoethane	ND	0.86	0.858		Trichlorofluoromethane	ND	8.6	0.858	
Dibromomethane	ND	0.86	0.858		1,2,3-Trichloropropane	ND	1.7	0.858	
1,2-Dichlorobenzene	ND	0.86	0.858		1,2,4-Trimethylbenzene	ND	1.7	0.858	
1,3-Dichlorobenzene	ND	0.86	0.858		1,3,5-Trimethylbenzene	ND	1.7	0.858	
1,4-Dichlorobenzene	ND	0.86	0.858		Vinyl Acetate	ND	8.6	0.858	
Dichlorodifluoromethane	ND	1.7	0.858		Vinyl Chloride	ND	0.86	0.858	
1,1-Dichloroethane	ND	0.86	0.858		p/m-Xylene	ND	1.7	0.858	
1,2-Dichloroethane	ND	0.86	0.858		o-Xylene	ND	0.86	0.858	
1,1-Dichloroethene	ND	0.86	0.858		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.858	
c-1,2-Dichloroethene	ND	0.86	0.858		Tert-Butyl Alcohol (TBA)	ND	17	0.858	
t-1,2-Dichloroethene	ND	0.86	0.858		Diisopropyl Ether (DIPE)	ND	0.86	0.858	
1,2-Dichloropropane	ND	0.86	0.858		Ethyl-t-Butyl Ether (ETBE)	ND	0.86	0.858	
1,3-Dichloropropane	ND	0.86	0.858		Tert-Amyl-Methyl Ether (TAME)	ND	0.86	0.858	
2,2-Dichloropropane	ND	4.3	0.858		Ethanol	ND	430	0.858	
1,1-Dichloropropene	ND	1.7	0.858						
<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	100	71-137			1,2-Dichloroethane-d4	105	58-160		
1,4-Bromofluorobenzene	101	66-126			Toluene-d8	104	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

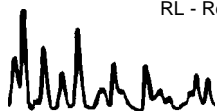
Page 21 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-10	09-09-0479-32-E	09/04/09 12:17	Solid	GC/MS S	09/04/09	09/10/09 18:10	090910L02

Comment(s): -The reporting limit is elevated resulting from matrix interference.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4900	97.1		c-1,3-Dichloropropene	ND	97	97.1	
Benzene	ND	97	97.1		t-1,3-Dichloropropene	ND	190	97.1	
Bromobenzene	ND	97	97.1		Ethylbenzene	ND	97	97.1	
Bromochloromethane	ND	190	97.1		2-Hexanone	ND	1900	97.1	
Bromodichloromethane	ND	97	97.1		Isopropylbenzene	ND	97	97.1	
Bromoform	ND	490	97.1		p-Isopropyltoluene	ND	97	97.1	
Bromomethane	ND	1900	97.1		Methylene Chloride	ND	970	97.1	
2-Butanone	ND	1900	97.1		4-Methyl-2-Pentanone	ND	1900	97.1	
n-Butylbenzene	ND	97	97.1		Naphthalene	ND	970	97.1	
sec-Butylbenzene	ND	97	97.1		n-Propylbenzene	ND	190	97.1	
tert-Butylbenzene	ND	97	97.1		Styrene	ND	97	97.1	
Carbon Disulfide	ND	970	97.1		1,1,1,2-Tetrachloroethane	ND	97	97.1	
Carbon Tetrachloride	ND	97	97.1		1,1,2,2-Tetrachloroethane	ND	190	97.1	
Chlorobenzene	ND	97	97.1		Tetrachloroethane	ND	97	97.1	
Chloroethane	ND	190	97.1		Toluene	ND	97	97.1	
Chloroform	ND	97	97.1		1,2,3-Trichlorobenzene	ND	190	97.1	
Chloromethane	ND	1900	97.1		1,2,4-Trichlorobenzene	ND	190	97.1	
2-Chlorotoluene	ND	97	97.1		1,1,1-Trichloroethane	ND	97	97.1	
4-Chlorotoluene	ND	97	97.1		1,1,2-Trichloroethane	ND	97	97.1	
Dibromochloromethane	ND	190	97.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	970	97.1	
1,2-Dibromo-3-Chloropropane	ND	490	97.1		Trichloroethene	ND	190	97.1	
1,2-Dibromoethane	ND	97	97.1		Trichlorofluoromethane	ND	970	97.1	
Dibromomethane	ND	97	97.1		1,2,3-Trichloropropane	ND	190	97.1	
1,2-Dichlorobenzene	ND	97	97.1		1,2,4-Trimethylbenzene	ND	190	97.1	
1,3-Dichlorobenzene	ND	97	97.1		1,3,5-Trimethylbenzene	ND	190	97.1	
1,4-Dichlorobenzene	ND	97	97.1		Vinyl Acetate	ND	970	97.1	
Dichlorodifluoromethane	ND	190	97.1		Vinyl Chloride	ND	97	97.1	
1,1-Dichloroethane	ND	97	97.1		p/m-Xylene	ND	190	97.1	
1,2-Dichloroethane	ND	97	97.1		o-Xylene	ND	97	97.1	
1,1-Dichloroethene	ND	97	97.1		Methyl-t-Butyl Ether (MTBE)	ND	190	97.1	
c-1,2-Dichloroethene	ND	97	97.1		Tert-Butyl Alcohol (TBA)	ND	1900	97.1	
t-1,2-Dichloroethene	ND	97	97.1		Diisopropyl Ether (DIPE)	ND	97	97.1	
1,2-Dichloropropane	ND	97	97.1		Ethyl-t-Butyl Ether (ETBE)	ND	97	97.1	
1,3-Dichloropropane	ND	97	97.1		Tert-Amyl-Methyl Ether (TAME)	ND	97	97.1	
2,2-Dichloropropane	ND	490	97.1		Ethanol	ND	49000	97.1	
1,1-Dichloropropene	ND	190	97.1						
<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	98	71-137			1,2-Dichloroethane-d4	95	58-160		
1,4-Bromofluorobenzene	107	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

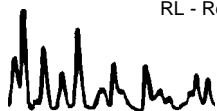
Project: DFSP NORWALK / 746441

Page 22 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-15	09-09-0479-33-E	09/04/09 12:23	Solid	GC/MS S	09/04/09	09/11/09 16:19	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4800	96.2		c-1,3-Dichloropropene	ND	96	96.2	
Benzene	ND	96	96.2		t-1,3-Dichloropropene	ND	190	96.2	
Bromobenzene	ND	96	96.2		Ethylbenzene	ND	96	96.2	
Bromochloromethane	ND	190	96.2		2-Hexanone	ND	1900	96.2	
Bromodichloromethane	ND	96	96.2		Isopropylbenzene	100	96	96.2	
Bromoform	ND	480	96.2		p-Isopropyltoluene	210	96	96.2	
Bromomethane	ND	1900	96.2		Methylene Chloride	ND	960	96.2	
2-Butanone	ND	1900	96.2		4-Methyl-2-Pentanone	ND	1900	96.2	
n-Butylbenzene	850	96	96.2		Naphthalene	2700	960	96.2	
sec-Butylbenzene	310	96	96.2		n-Propylbenzene	ND	190	96.2	
tert-Butylbenzene	ND	96	96.2		Styrene	ND	96	96.2	
Carbon Disulfide	ND	960	96.2		1,1,1,2-Tetrachloroethane	ND	96	96.2	
Carbon Tetrachloride	ND	96	96.2		1,1,2,2-Tetrachloroethane	ND	190	96.2	
Chlorobenzene	ND	96	96.2		Tetrachloroethene	ND	96	96.2	
Chloroethane	ND	190	96.2		Toluene	ND	96	96.2	
Chloroform	ND	96	96.2		1,2,3-Trichlorobenzene	ND	190	96.2	
Chloromethane	ND	1900	96.2		1,2,4-Trichlorobenzene	ND	190	96.2	
2-Chlorotoluene	ND	96	96.2		1,1,1-Trichloroethane	ND	96	96.2	
4-Chlorotoluene	ND	96	96.2		1,1,2-Trichloroethane	ND	96	96.2	
Dibromochloromethane	ND	190	96.2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	960	96.2	
1,2-Dibromo-3-Chloropropane	ND	480	96.2		Trichloroethene	ND	190	96.2	
1,2-Dibromoethane	ND	96	96.2		Trichlorofluoromethane	ND	960	96.2	
Dibromomethane	ND	96	96.2		1,2,3-Trichloropropane	ND	190	96.2	
1,2-Dichlorobenzene	ND	96	96.2		1,2,4-Trimethylbenzene	ND	190	96.2	
1,3-Dichlorobenzene	ND	96	96.2		1,3,5-Trimethylbenzene	ND	190	96.2	
1,4-Dichlorobenzene	ND	96	96.2		Vinyl Acetate	ND	960	96.2	
Dichlorodifluoromethane	ND	190	96.2		Vinyl Chloride	ND	96	96.2	
1,1-Dichloroethane	ND	96	96.2		p/m-Xylene	ND	190	96.2	
1,2-Dichloroethane	ND	96	96.2		o-Xylene	ND	96	96.2	
1,1-Dichloroethene	ND	96	96.2		Methyl-t-Butyl Ether (MTBE)	ND	190	96.2	
c-1,2-Dichloroethene	ND	96	96.2		Tert-Butyl Alcohol (TBA)	ND	1900	96.2	
t-1,2-Dichloroethene	ND	96	96.2		Diisopropyl Ether (DIPE)	ND	96	96.2	
1,2-Dichloropropane	ND	96	96.2		Ethyl-t-Butyl Ether (ETBE)	ND	96	96.2	
1,3-Dichloropropane	ND	96	96.2		Tert-Amyl-Methyl Ether (TAME)	ND	96	96.2	
2,2-Dichloropropane	ND	480	96.2		Ethanol	ND	48000	96.2	
1,1-Dichloropropene	ND	190	96.2						
<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	103	71-137		1,2-Dichloroethane-d4	108	58-160			
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	110	87-111			

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



**Analytical Report**



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

Date Received: 09/04/09  
 Work Order No: 09-09-0479  
 Preparation: EPA 5035  
 Method: EPA 8260B  
 Units: ug/kg

Project: DFSP NORWALK / 746441

Page 23 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-20	09-09-0479-34-C	09/04/09 12:29	Solid	GC/MS S	09/04/09	09/11/09 16:48	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	39	0.78		c-1,3-Dichloropropene	ND	0.78	0.78	
Benzene	1.9	0.78	0.78		t-1,3-Dichloropropene	ND	1.6	0.78	
Bromobenzene	ND	0.78	0.78		Ethylbenzene	75	0.78	0.78	
Bromochloromethane	ND	1.6	0.78		2-Hexanone	ND	16	0.78	
Bromodichloromethane	ND	0.78	0.78		Isopropylbenzene	53	0.78	0.78	
Bromoform	ND	3.9	0.78		p-Isopropyltoluene	6.8	0.78	0.78	
Bromomethane	ND	16	0.78		Methylene Chloride	ND	7.8	0.78	
2-Butanone	ND	16	0.78		4-Methyl-2-Pentanone	ND	16	0.78	
n-Butylbenzene	63	0.78	0.78		Naphthalene	12	7.8	0.78	
sec-Butylbenzene	45	0.78	0.78		n-Propylbenzene	75	1.6	0.78	
tert-Butylbenzene	ND	0.78	0.78		Styrene	ND	0.78	0.78	
Carbon Disulfide	ND	7.8	0.78		1,1,1,2-Tetrachloroethane	ND	0.78	0.78	
Carbon Tetrachloride	ND	0.78	0.78		1,1,2,2-Tetrachloroethane	ND	1.6	0.78	
Chlorobenzene	ND	0.78	0.78		Tetrachloroethene	ND	0.78	0.78	
Chloroethane	ND	1.6	0.78		Toluene	2.7	0.78	0.78	
Chloroform	ND	0.78	0.78		1,2,3-Trichlorobenzene	ND	1.6	0.78	
Chloromethane	ND	16	0.78		1,2,4-Trichlorobenzene	ND	1.6	0.78	
2-Chlorotoluene	ND	0.78	0.78		1,1,1-Trichloroethane	ND	0.78	0.78	
4-Chlorotoluene	ND	0.78	0.78		1,1,2-Trichloroethane	ND	0.78	0.78	
Dibromochloromethane	ND	1.6	0.78		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.8	0.78	
1,2-Dibromo-3-Chloropropane	ND	3.9	0.78		Trichloroethene	ND	1.6	0.78	
1,2-Dibromoethane	ND	0.78	0.78		Trichlorofluoromethane	ND	7.8	0.78	
Dibromomethane	ND	0.78	0.78		1,2,3-Trichloropropane	ND	1.6	0.78	
1,2-Dichlorobenzene	ND	0.78	0.78		1,2,4-Trimethylbenzene	2.5	1.6	0.78	
1,3-Dichlorobenzene	ND	0.78	0.78		1,3,5-Trimethylbenzene	ND	1.6	0.78	
1,4-Dichlorobenzene	ND	0.78	0.78		Vinyl Acetate	ND	7.8	0.78	
Dichlorodifluoromethane	ND	1.6	0.78		Vinyl Chloride	ND	0.78	0.78	
1,1-Dichloroethane	ND	0.78	0.78		p/m-Xylene	4.6	1.6	0.78	
1,2-Dichloroethane	ND	0.78	0.78		o-Xylene	0.93	0.78	0.78	
1,1-Dichloroethene	ND	0.78	0.78		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.78	
c-1,2-Dichloroethene	ND	0.78	0.78		Tert-Butyl Alcohol (TBA)	ND	16	0.78	
t-1,2-Dichloroethene	ND	0.78	0.78		Diisopropyl Ether (DIPE)	ND	0.78	0.78	
1,2-Dichloropropane	ND	0.78	0.78		Ethyl-t-Butyl Ether (ETBE)	ND	0.78	0.78	
1,3-Dichloropropane	ND	0.78	0.78		Tert-Amyl-Methyl Ether (TAME)	ND	0.78	0.78	
2,2-Dichloropropane	ND	3.9	0.78		Ethanol	ND	390	0.78	
1,1-Dichloropropene	ND	1.6	0.78						
<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	91	71-137			1,2-Dichloroethane-d4	101	58-160		
1,4-Bromofluorobenzene	110	66-126			Toluene-d8	112	87-111		2,1

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

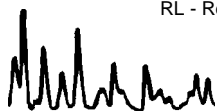
Project: DFSP NORWALK / 746441

Page 24 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-12-25	09-09-0479-35-D	09/04/09 12:35	Solid	GC/MS S	09/04/09	09/10/09 19:37	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	56	1.12		c-1,3-Dichloropropene	ND	1.1	1.12	
Benzene	ND	1.1	1.12		t-1,3-Dichloropropene	ND	2.2	1.12	
Bromobenzene	ND	1.1	1.12		Ethylbenzene	ND	1.1	1.12	
Bromochloromethane	ND	2.2	1.12		2-Hexanone	ND	22	1.12	
Bromodichloromethane	ND	1.1	1.12		Isopropylbenzene	ND	1.1	1.12	
Bromoform	ND	5.6	1.12		p-Isopropyltoluene	ND	1.1	1.12	
Bromomethane	ND	22	1.12		Methylene Chloride	ND	11	1.12	
2-Butanone	ND	22	1.12		4-Methyl-2-Pentanone	ND	22	1.12	
n-Butylbenzene	ND	1.1	1.12		Naphthalene	ND	11	1.12	
sec-Butylbenzene	ND	1.1	1.12		n-Propylbenzene	ND	2.2	1.12	
tert-Butylbenzene	ND	1.1	1.12		Styrene	ND	1.1	1.12	
Carbon Disulfide	ND	11	1.12		1,1,1,2-Tetrachloroethane	ND	1.1	1.12	
Carbon Tetrachloride	ND	1.1	1.12		1,1,2,2-Tetrachloroethane	ND	2.2	1.12	
Chlorobenzene	ND	1.1	1.12		Tetrachloroethene	ND	1.1	1.12	
Chloroethane	ND	2.2	1.12		Toluene	ND	1.1	1.12	
Chloroform	ND	1.1	1.12		1,2,3-Trichlorobenzene	ND	2.2	1.12	
Chloromethane	ND	22	1.12		1,2,4-Trichlorobenzene	ND	2.2	1.12	
2-Chlorotoluene	ND	1.1	1.12		1,1,1-Trichloroethane	ND	1.1	1.12	
4-Chlorotoluene	ND	1.1	1.12		1,1,2-Trichloroethane	ND	1.1	1.12	
Dibromochloromethane	ND	2.2	1.12		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.12	
1,2-Dibromo-3-Chloropropane	ND	5.6	1.12		Trichloroethene	ND	2.2	1.12	
1,2-Dibromoethane	ND	1.1	1.12		Trichlorofluoromethane	ND	11	1.12	
Dibromomethane	ND	1.1	1.12		1,2,3-Trichloropropane	ND	2.2	1.12	
1,2-Dichlorobenzene	ND	1.1	1.12		1,2,4-Trimethylbenzene	ND	2.2	1.12	
1,3-Dichlorobenzene	ND	1.1	1.12		1,3,5-Trimethylbenzene	ND	2.2	1.12	
1,4-Dichlorobenzene	ND	1.1	1.12		Vinyl Acetate	ND	11	1.12	
Dichlorodifluoromethane	ND	2.2	1.12		Vinyl Chloride	ND	1.1	1.12	
1,1-Dichloroethane	ND	1.1	1.12		p/m-Xylene	ND	2.2	1.12	
1,2-Dichloroethane	ND	1.1	1.12		o-Xylene	ND	1.1	1.12	
1,1-Dichloroethene	ND	1.1	1.12		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.12	
c-1,2-Dichloroethene	ND	1.1	1.12		Tert-Butyl Alcohol (TBA)	ND	22	1.12	
t-1,2-Dichloroethene	ND	1.1	1.12		Diisopropyl Ether (DIPE)	ND	1.1	1.12	
1,2-Dichloropropane	ND	1.1	1.12		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.12	
1,3-Dichloropropane	ND	1.1	1.12		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.12	
2,2-Dichloropropane	ND	5.6	1.12		Ethanol	ND	560	1.12	
1,1-Dichloropropene	ND	2.2	1.12						
<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	93	71-137			1,2-Dichloroethane-d4	98	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

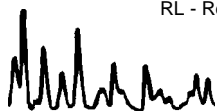
Project: DFSP NORWALK / 746441

Page 25 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,150	N/A	Solid	GC/MS RR	09/10/09	09/10/09 12:29	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	104	58-160		
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	99	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 26 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,154	N/A	Solid	GC/MS RR	09/10/09	09/10/09 12:03	090910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	101	71-137			1,2-Dichloroethane-d4	101	58-160		
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	99	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

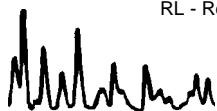
Project: DFSP NORWALK / 746441

Page 27 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,157	N/A	Solid	GC/MS S	09/10/09	09/10/09 15:12	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoforn	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	88	66-126			Toluene-d8	100	87-111		

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





## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

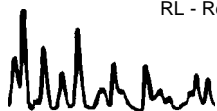
Project: DFSP NORWALK / 746441

Page 28 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,158	N/A	Solid	GC/MS S	09/11/09	09/11/09 15:50	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	106	58-160		
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	99	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

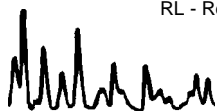
Project: DFSP NORWALK / 746441

Page 29 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,159	N/A	Solid	GC/MS S	09/10/09	09/10/09 14:41	090910L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	103	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

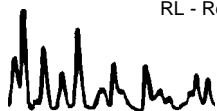
Project: DFSP NORWALK / 746441

Page 30 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,160	N/A	Solid	GC/MS W	09/11/09	09/11/09 17:43	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	111	71-137			1,2-Dichloroethane-d4	117	58-160		
1,4-Bromofluorobenzene	90	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

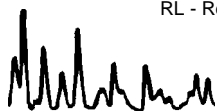
Project: DFSP NORWALK / 746441

Page 31 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,162	N/A	Solid	GC/MS S	09/11/09	09/11/09 15:21	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	104	58-160		
1,4-Bromofluorobenzene	99	66-126			Toluene-d8	100	87-111		

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



**Analytical Report**



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

Date Received: 09/04/09  
 Work Order No: 09-09-0479  
 Preparation: EPA 5035  
 Method: EPA 8260B  
 Units: ug/kg

Project: DFSP NORWALK / 746441

Page 32 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,163	N/A	Solid	GC/MS W	09/11/09	09/12/09 01:54	090911L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	92	71-137			1,2-Dichloroethane-d4	94	58-160		
1,4-Bromofluorobenzene	90	66-126			Toluene-d8	95	87-111		

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

**Analytical Report**



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

Date Received: 09/04/09  
 Work Order No: 09-09-0479  
 Preparation: EPA 5035  
 Method: EPA 8260B  
 Units: ug/kg

Project: DFSP NORWALK / 746441

Page 33 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,164	N/A	Solid	GC/MS W	09/11/09	09/11/09 17:14	090911L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	117	58-160		
1,4-Bromofluorobenzene	88	66-126			Toluene-d8	96	87-111		

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

## Analytical Report



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

Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

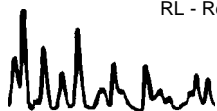
Project: DFSP NORWALK / 746441

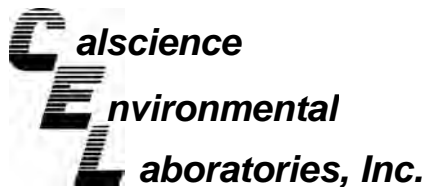
Page 34 of 34

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,168	N/A	Solid	GC/MS RR	09/12/09	09/12/09 12:44	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	106	58-160		
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	102	87-111		

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: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

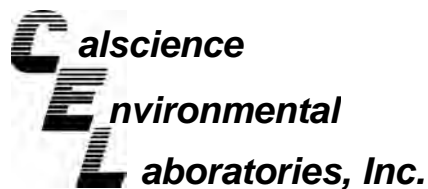
Project DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
DPT-10-15	Solid	GC 27	09/09/09	09/09/09	090909S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as JP5	94	91	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - Spike/Spike Duplicate



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

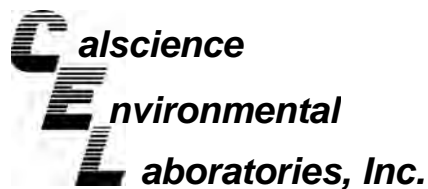
Date Received: 09/04/09  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-09-0575-1	Solid	GC 27	09/09/09	09/10/09	090909S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as JP5	102	102	64-130	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

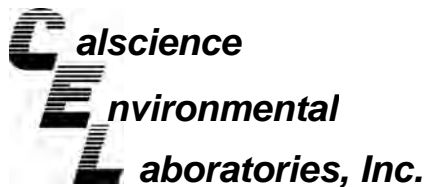
Date Received: N/A  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-295-28	Solid	GC 27	09/09/09	09/09/09	090909B02

<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 JP5	98	99	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

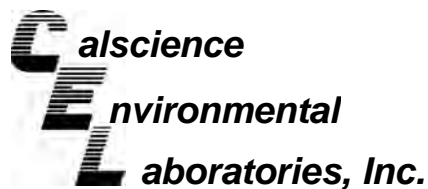
Date Received: N/A  
Work Order No: 09-09-0479  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-295-29	Solid	GC 27	09/09/09	09/10/09	090909B03

<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 JP5	97	96	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

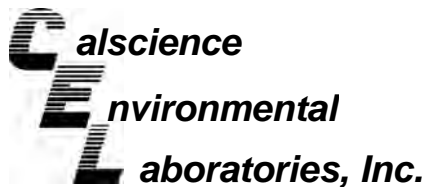
Date Received: N/A  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,661	Solid	GC 11	09/09/09	09/09/09	090909B01

<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	93	93	55-139	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

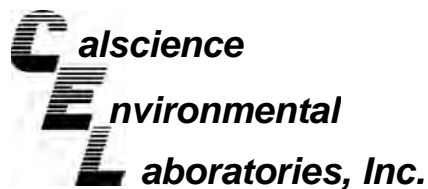
Date Received: N/A  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,660	Solid	GC 4	09/09/09	09/09/09	090909B02

<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	102	101	55-139	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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

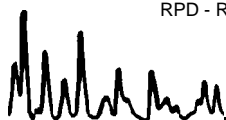
Date Received: N/A  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

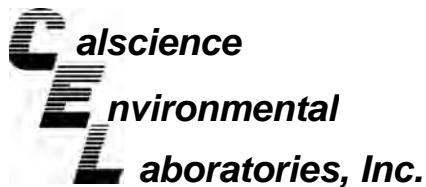
Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,662	Solid	GC 11	09/09/09	09/09/09	090909B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	93	93	55-139	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



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

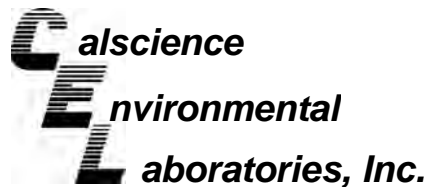
Date Received: N/A  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,663	Solid	GC 4	09/10/09	09/10/09	090910B01

<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	98	98	55-139	1	0-18	

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

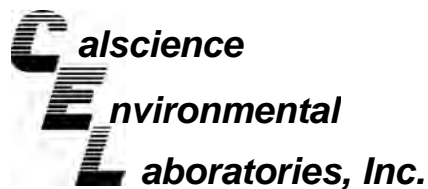
Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,664	Solid	GC 4	09/10/09	09/10/09	090910B02

<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	98	98	55-139	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



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

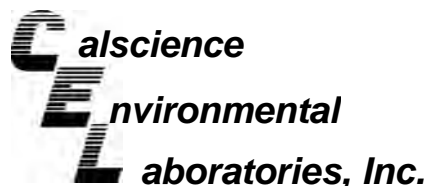
Date Received: N/A  
Work Order No: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,667	Solid	GC 11	09/14/09	09/14/09	090914B01

<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	89	90	55-139	2	0-18	

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,157	Solid	GC/MS S	09/10/09	09/10/09	090910L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	104	109	85-115	80-120	5	0-11	
Carbon Tetrachloride	102	111	68-134	57-145	9	0-14	
Chlorobenzene	99	105	83-119	77-125	6	0-9	
1,2-Dibromoethane	99	99	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	92	96	57-135	44-148	4	0-10	
1,1-Dichloroethene	96	106	72-120	64-128	10	0-10	
Ethylbenzene	100	106	80-120	73-127	5	0-20	
Toluene	105	109	67-127	57-137	4	0-10	
Trichloroethene	106	108	88-112	84-116	2	0-9	
Vinyl Chloride	101	108	57-129	45-141	6	0-16	
Methyl-t-Butyl Ether (MTBE)	103	97	76-124	68-132	6	0-12	
Tert-Butyl Alcohol (TBA)	86	92	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	96	101	74-128	65-137	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	101	77-125	69-133	5	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	97	81-123	74-130	3	0-10	
Ethanol	87	104	44-152	26-170	19	0-24	

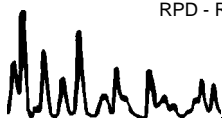
Total number of LCS compounds : 16

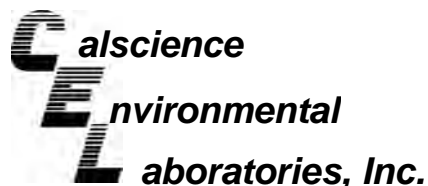
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,150	Solid	GC/MS RR	09/10/09	09/10/09	090910L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	99	97	85-115	80-120	2	0-11	
Carbon Tetrachloride	106	103	68-134	57-145	3	0-14	
Chlorobenzene	98	97	83-119	77-125	1	0-9	
1,2-Dibromoethane	96	97	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	97	95	57-135	44-148	2	0-10	
1,1-Dichloroethene	105	102	72-120	64-128	2	0-10	
Ethylbenzene	104	103	80-120	73-127	1	0-20	
Toluene	101	98	67-127	57-137	2	0-10	
Trichloroethene	103	101	88-112	84-116	2	0-9	
Vinyl Chloride	94	93	57-129	45-141	0	0-16	
Methyl-t-Butyl Ether (MTBE)	113	104	76-124	68-132	9	0-12	
Tert-Butyl Alcohol (TBA)	89	92	31-145	12-164	3	0-23	
Diisopropyl Ether (DIPE)	100	94	74-128	65-137	7	0-10	
Ethyl-t-Butyl Ether (ETBE)	100	93	77-125	69-133	7	0-9	
Tert-Amyl-Methyl Ether (TAME)	98	95	81-123	74-130	3	0-10	
Ethanol	66	82	44-152	26-170	22	0-24	

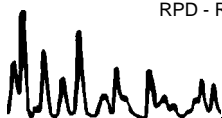
Total number of LCS compounds : 16

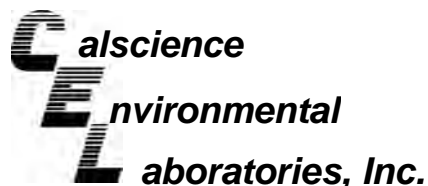
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,159	Solid	GC/MS S	09/10/09	09/10/09	090910L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	104	109	85-115	80-120	5	0-11	
Carbon Tetrachloride	102	111	68-134	57-145	9	0-14	
Chlorobenzene	99	105	83-119	77-125	6	0-9	
1,2-Dibromoethane	99	99	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	92	96	57-135	44-148	4	0-10	
1,1-Dichloroethene	96	106	72-120	64-128	10	0-10	
Ethylbenzene	100	106	80-120	73-127	5	0-20	
Toluene	105	109	67-127	57-137	4	0-10	
Trichloroethene	106	108	88-112	84-116	2	0-9	
Vinyl Chloride	101	108	57-129	45-141	6	0-16	
Methyl-t-Butyl Ether (MTBE)	103	97	76-124	68-132	6	0-12	
Tert-Butyl Alcohol (TBA)	86	92	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	96	101	74-128	65-137	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	101	77-125	69-133	5	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	97	81-123	74-130	3	0-10	
Ethanol	87	104	44-152	26-170	19	0-24	

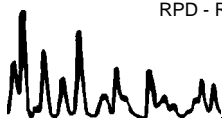
Total number of LCS compounds : 16

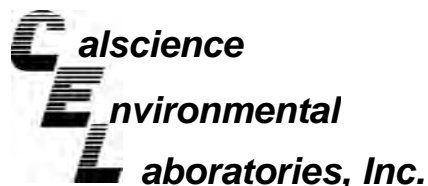
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,154	Solid	GC/MS RR	09/10/09	09/10/09	090910L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	99	97	85-115	80-120	2	0-11	
Carbon Tetrachloride	106	103	68-134	57-145	3	0-14	
Chlorobenzene	98	97	83-119	77-125	1	0-9	
1,2-Dibromoethane	96	97	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	97	95	57-135	44-148	2	0-10	
1,1-Dichloroethene	105	102	72-120	64-128	2	0-10	
Ethylbenzene	104	103	80-120	73-127	1	0-20	
Toluene	101	98	67-127	57-137	2	0-10	
Trichloroethene	103	101	88-112	84-116	2	0-9	
Vinyl Chloride	94	93	57-129	45-141	0	0-16	
Methyl-t-Butyl Ether (MTBE)	113	104	76-124	68-132	9	0-12	
Tert-Butyl Alcohol (TBA)	89	92	31-145	12-164	3	0-23	
Diisopropyl Ether (DIPE)	100	94	74-128	65-137	7	0-10	
Ethyl-t-Butyl Ether (ETBE)	100	93	77-125	69-133	7	0-9	
Tert-Amyl-Methyl Ether (TAME)	98	95	81-123	74-130	3	0-10	
Ethanol	66	82	44-152	26-170	22	0-24	

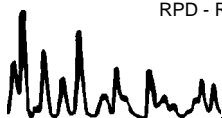
Total number of LCS compounds : 16

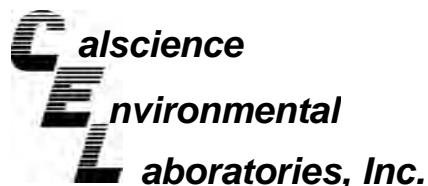
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,158	Solid	GC/MS S	09/11/09	09/11/09	090911L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	98	101	85-115	80-120	3	0-11	
Carbon Tetrachloride	94	98	68-134	57-145	4	0-14	
Chlorobenzene	96	96	83-119	77-125	0	0-9	
1,2-Dibromoethane	94	95	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	89	91	57-135	44-148	2	0-10	
1,1-Dichloroethene	88	88	72-120	64-128	1	0-10	
Ethylbenzene	97	96	80-120	73-127	1	0-20	
Toluene	99	101	67-127	57-137	2	0-10	
Trichloroethene	96	99	88-112	84-116	4	0-9	
Vinyl Chloride	98	99	57-129	45-141	1	0-16	
Methyl-t-Butyl Ether (MTBE)	97	101	76-124	68-132	4	0-12	
Tert-Butyl Alcohol (TBA)	91	86	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	95	98	74-128	65-137	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	102	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	104	81-123	74-130	3	0-10	
Ethanol	96	90	44-152	26-170	6	0-24	

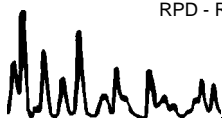
Total number of LCS compounds : 16

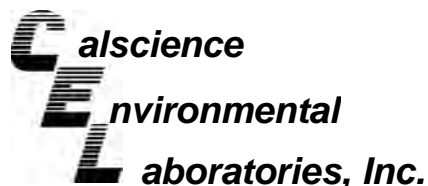
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,160	Solid	GC/MS W	09/11/09	09/11/09	090911L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	103	98	85-115	80-120	5	0-11	
Carbon Tetrachloride	104	98	68-134	57-145	6	0-14	
Chlorobenzene	103	99	83-119	77-125	4	0-9	
1,2-Dibromoethane	103	100	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	99	97	57-135	44-148	2	0-10	
1,1-Dichloroethene	104	95	72-120	64-128	9	0-10	
Ethylbenzene	114	109	80-120	73-127	4	0-20	
Toluene	106	102	67-127	57-137	3	0-10	
Trichloroethene	105	99	88-112	84-116	6	0-9	
Vinyl Chloride	94	89	57-129	45-141	5	0-16	
Methyl-t-Butyl Ether (MTBE)	99	98	76-124	68-132	1	0-12	
Tert-Butyl Alcohol (TBA)	100	99	31-145	12-164	1	0-23	
Diisopropyl Ether (DIPE)	106	102	74-128	65-137	4	0-10	
Ethyl-t-Butyl Ether (ETBE)	103	99	77-125	69-133	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	106	102	81-123	74-130	3	0-10	
Ethanol	107	105	44-152	26-170	2	0-24	

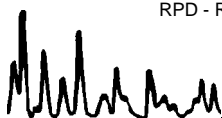
Total number of LCS compounds : 16

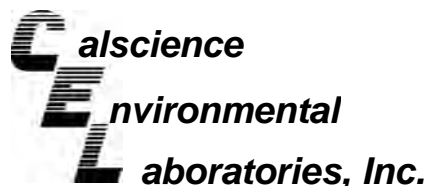
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,162	Solid	GC/MS S	09/11/09	09/11/09	090911L02		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	98	101	85-115	80-120	3	0-11	
Carbon Tetrachloride	94	98	68-134	57-145	4	0-14	
Chlorobenzene	96	96	83-119	77-125	0	0-9	
1,2-Dibromoethane	94	95	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	89	91	57-135	44-148	2	0-10	
1,1-Dichloroethene	88	88	72-120	64-128	1	0-10	
Ethylbenzene	97	96	80-120	73-127	1	0-20	
Toluene	99	101	67-127	57-137	2	0-10	
Trichloroethene	96	99	88-112	84-116	4	0-9	
Vinyl Chloride	98	99	57-129	45-141	1	0-16	
Methyl-t-Butyl Ether (MTBE)	97	101	76-124	68-132	4	0-12	
Tert-Butyl Alcohol (TBA)	91	86	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	95	98	74-128	65-137	3	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	102	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	104	81-123	74-130	3	0-10	
Ethanol	96	90	44-152	26-170	6	0-24	

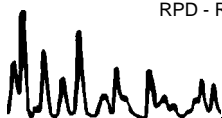
Total number of LCS compounds : 16

Total number of ME compounds : 0

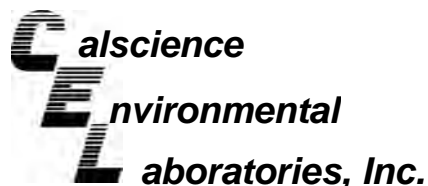
Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,164	Solid	GC/MS W	09/11/09	09/11/09	090911L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	103	98	85-115	80-120	5	0-11	
Carbon Tetrachloride	104	98	68-134	57-145	6	0-14	
Chlorobenzene	103	99	83-119	77-125	4	0-9	
1,2-Dibromoethane	103	100	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	99	97	57-135	44-148	2	0-10	
1,1-Dichloroethene	104	95	72-120	64-128	9	0-10	
Ethylbenzene	114	109	80-120	73-127	4	0-20	
Toluene	106	102	67-127	57-137	3	0-10	
Trichloroethene	105	99	88-112	84-116	6	0-9	
Vinyl Chloride	94	89	57-129	45-141	5	0-16	
Methyl-t-Butyl Ether (MTBE)	99	98	76-124	68-132	1	0-12	
Tert-Butyl Alcohol (TBA)	100	99	31-145	12-164	1	0-23	
Diisopropyl Ether (DIPE)	106	102	74-128	65-137	4	0-10	
Ethyl-t-Butyl Ether (ETBE)	103	99	77-125	69-133	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	106	102	81-123	74-130	3	0-10	
Ethanol	107	105	44-152	26-170	2	0-24	

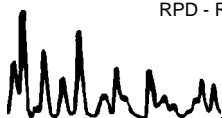
Total number of LCS compounds : 16

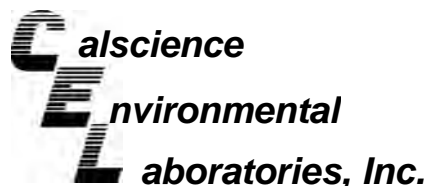
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,163	Solid	GC/MS W	09/11/09	09/12/09	090911L04		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	99	99	85-115	80-120	1	0-11	
Carbon Tetrachloride	89	89	68-134	57-145	0	0-14	
Chlorobenzene	99	100	83-119	77-125	1	0-9	
1,2-Dibromoethane	100	99	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	95	95	57-135	44-148	1	0-10	
1,1-Dichloroethene	92	92	72-120	64-128	0	0-10	
Ethylbenzene	110	110	80-120	73-127	0	0-20	
Toluene	100	101	67-127	57-137	1	0-10	
Trichloroethene	100	101	88-112	84-116	2	0-9	
Vinyl Chloride	94	93	57-129	45-141	0	0-16	
Methyl-t-Butyl Ether (MTBE)	104	101	76-124	68-132	3	0-12	
Tert-Butyl Alcohol (TBA)	98	95	31-145	12-164	2	0-23	
Diisopropyl Ether (DIPE)	105	104	74-128	65-137	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	106	106	77-125	69-133	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	103	81-123	74-130	2	0-10	
Ethanol	103	92	44-152	26-170	10	0-24	

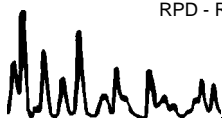
Total number of LCS compounds : 16

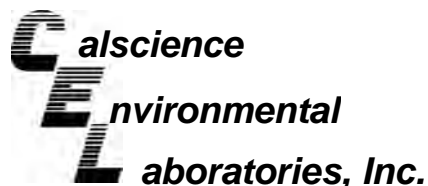
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0479  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,168	Solid	GC/MS RR	09/12/09	09/12/09	090912L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	98	101	85-115	80-120	3	0-11	
Carbon Tetrachloride	106	107	68-134	57-145	1	0-14	
Chlorobenzene	100	102	83-119	77-125	2	0-9	
1,2-Dibromoethane	104	102	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	96	98	57-135	44-148	1	0-10	
1,1-Dichloroethene	75	69	72-120	64-128	9	0-10	ME
Ethylbenzene	103	106	80-120	73-127	3	0-20	
Toluene	99	100	67-127	57-137	1	0-10	
Trichloroethene	100	101	88-112	84-116	1	0-9	
Vinyl Chloride	90	94	57-129	45-141	4	0-16	
Methyl-t-Butyl Ether (MTBE)	108	105	76-124	68-132	3	0-12	
Tert-Butyl Alcohol (TBA)	111	90	31-145	12-164	20	0-23	
Diisopropyl Ether (DIPE)	103	102	74-128	65-137	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	111	111	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	114	112	81-123	74-130	1	0-10	
Ethanol	68	58	44-152	26-170	16	0-24	

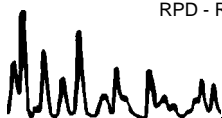
Total number of LCS compounds : 16

Total number of ME compounds : 1

Total number of ME compounds allowed : 1

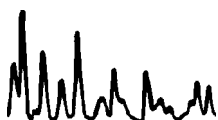
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 09-09-0479

<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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.







# Calscience Environmental Laboratories, Inc.

SoCal Laboratory  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427  
 (714) 895-5494

NorCal Service Center  
 5063 Commercial Circle, Suite H  
 Concord, CA 94520-8577  
 (925) 689-9022

# CHAIN OF CUSTODY RECORD

Date **09.04.09**  
 Page **3** of **4**

LABORATORY CLIENT: <b>Parsons</b>		CLIENT PROJECT NAME / NUMBER: <b>DFSP-Norwalk/746441</b>		P.O. NO.:		
ADDRESS: <b>100 W. Walnut Street</b>		PROJECT CONTACT: <b>Mary Lucas</b>		LAB USE ONLY <input type="checkbox"/> <b>09-0</b>		
CITY: <b>Pasadena</b>	STATE: <b>CA</b>	ZIP: <b>91124</b>	SAMPLER(S): (PRINT) <b>Mary Lucas</b>	COOLER RECEIPT <input type="checkbox"/> <b>09/04/09</b>		
TEL: <b>626.665.8336</b>	E-MAIL: <b>mary.lucas@parsons.com</b>	TEMP= _____ °C				
TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> STANDARD		COELT LOG CODE <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING FORMS <input type="checkbox"/> COELT EDF <input type="checkbox"/>						
SPECIAL INSTRUCTIONS:						
LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING		MATRIX	NO. OF CONT.
			DATE	TIME		
21	DPT-10-5		09-04-09	0955	Soil	1
22	DPT-10-10			0958		1
23	DPT-10-15			1006		6
24	DPT-10-20			1010		6
25	DPT-10-25			1015		6
26	DPT-11-5			1042		1
27	DPT-11-10			1046		1
28	DPT-11-15			1051		6
29	DPT-11-20			1056		6
30	DPT-11-25			1105		6

TPH (g) (TO-3)+	VOCs (TO-14A) or (TO-15)	Cr(VI) [7196A or 7199 or 218.6]	T22 Metals (6010B/747X)	PNAs (8310) or (8270C)	PCBs (8082)	Pesticides (8081A)	SVOCs (8270C)	Encore Prep (5035)	Oxygenates (8260B)	VOCs (8260B) ✓	BTEX / MTBE (8260B) or ( )	TPH (as SP-5)	TPH (d) or (C6-C36) or (C6-C14)	TPH (g) ✓
										X		X	X	
										X		X	X	
										X		X	X	
										X		X	X	
										X		X	X	
										X		X	X	
										X		X	X	
										X		X	X	
										X		X	X	

Relinquished by: (Signature) <i>Quin Rinnebrew</i>	Date: <b>9/4/09</b>	Time: <b>1700</b>
Relinquished by: (Signature) <i>phoenix</i>	Date: <b>9/4/09</b>	Time: <b>17:30</b>
Relinquished by: (Signature)	Date:	Time:





**SAMPLE RECEIPT FORM**

Cooler 1 of 1

CLIENT: PARSONS

DATE: 9/4/09

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 5.5 °C - 0.2°C (CF) = 5.3 °C     Blank     Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:     Air     Filter     Metals Only     PCBs Only    Initial: pl

**CUSTODY SEALS INTACT:**

Cooler     \_\_\_\_\_     No (Not Intact)     Not Present     N/A    Initial: pl

Sample     \_\_\_\_\_     No (Not Intact)     Not Present    Initial: WSC

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Collection <u>date/time</u> , <u>matrix</u> , and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

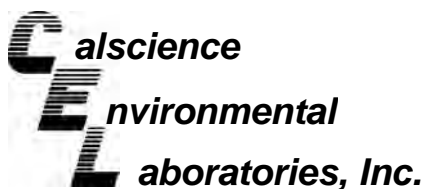
**Solid:**  4ozCGJ     8ozCGJ     16ozCGJ     Sleeve     EnCores<sup>5</sup>®     TerraCores®     \_\_\_\_\_

**Water:**  VOA     VOA<sup>h</sup>     VOA<sub>na2</sub>     125AGB     125AGB<sup>h</sup>     125AGB<sup>p</sup>     1AGB     1AGB<sup>ria2</sup>     1AGB<sup>s</sup>  
 500AGB     500AGJ     500AGJ<sup>s</sup>     250AGB     250CGB     250CGB<sup>s</sup>     1PB     500PB     500PB<sup>na</sup>  
 250PB     250PB<sup>n</sup>     125PB     125PB<sup>z<sub>na</sub></sup>     100PJ     100PJ<sup>na2</sup>     \_\_\_\_\_     \_\_\_\_\_     \_\_\_\_\_

**Air:**     Tedlar®     Summa®     \_\_\_\_\_    **Other:**     \_\_\_\_\_    **Checked/Labeled by:** WSC

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop    **Reviewed by:** YL

**Preservative:** h: HCL    n: HNO3    na<sub>2</sub>: Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>    Na: NaOH    p: H<sub>3</sub>PO<sub>4</sub>    s: H<sub>2</sub>SO<sub>4</sub>    z<sub>na</sub>: ZnAc<sub>2</sub>+NaOH    f: Field-filtered    **Scanned by:** WSC



September 15, 2009

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

Subject: **Calscience Work Order No.: 09-09-0575**  
**Client Reference: DFSP NORWALK / 746441**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/8/2009 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". The signature is written in a cursive style.

Calscience Environmental  
Laboratories, Inc.  
Ranjit Clarke  
Project Manager

## Analytical Report



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

Date Received: 09/08/09  
Work Order No: 09-09-0575  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GMW-66-5</b>	<b>09-09-0575-1-A</b>	<b>09/08/09 07:45</b>	<b>Solid</b>	<b>GC 27</b>	<b>09/09/09</b>	<b>09/10/09 08:23</b>	<b>090909B03</b>

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	92	61-145			

<b>GMW-66-10</b>	<b>09-09-0575-2-A</b>	<b>09/08/09 07:50</b>	<b>Solid</b>	<b>GC 27</b>	<b>09/09/09</b>	<b>09/10/09 08:41</b>	<b>090909B03</b>
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	88	61-145			

<b>Method Blank</b>	<b>099-12-295-29</b>	<b>N/A</b>	<b>Solid</b>	<b>GC 27</b>	<b>09/09/09</b>	<b>09/10/09 06:54</b>	<b>090909B03</b>
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	99	61-145			

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

## Analytical Report



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

Date Received: 09/08/09  
Work Order No: 09-09-0575  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GMW-66-5</b>	<b>09-09-0575-1-G</b>	<b>09/08/09 07:45</b>	<b>Solid</b>	<b>GC 4</b>	<b>09/08/09</b>	<b>09/11/09 00:33</b>	<b>090910B01</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	0.35	0.26	1.04		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	115	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GMW-66-10</b>	<b>09-09-0575-2-G</b>	<b>09/08/09 07:50</b>	<b>Solid</b>	<b>GC 4</b>	<b>09/08/09</b>	<b>09/11/09 01:06</b>	<b>090910B01</b>

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.22	0.876		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-285-1,663</b>	<b>N/A</b>	<b>Solid</b>	<b>GC 4</b>	<b>09/10/09</b>	<b>09/10/09 11:56</b>	<b>090910B01</b>

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	60-126	

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

## Analytical Report



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

Date Received: 09/08/09  
Work Order No: 09-09-0575  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-66-5	09-09-0575-1-D	09/08/09 07:45	Solid	GC/MS S	09/08/09	09/10/09 21:05	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.07		c-1,3-Dichloropropene	ND	1.1	1.07	
Benzene	ND	1.1	1.07		t-1,3-Dichloropropene	ND	2.1	1.07	
Bromobenzene	ND	1.1	1.07		Ethylbenzene	ND	1.1	1.07	
Bromochloromethane	ND	2.1	1.07		2-Hexanone	ND	21	1.07	
Bromodichloromethane	ND	1.1	1.07		Isopropylbenzene	ND	1.1	1.07	
Bromoform	ND	5.4	1.07		p-Isopropyltoluene	ND	1.1	1.07	
Bromomethane	ND	21	1.07		Methylene Chloride	ND	11	1.07	
2-Butanone	ND	21	1.07		4-Methyl-2-Pentanone	ND	21	1.07	
n-Butylbenzene	ND	1.1	1.07		Naphthalene	ND	11	1.07	
sec-Butylbenzene	ND	1.1	1.07		n-Propylbenzene	ND	2.1	1.07	
tert-Butylbenzene	ND	1.1	1.07		Styrene	ND	1.1	1.07	
Carbon Disulfide	ND	11	1.07		1,1,1,2-Tetrachloroethane	ND	1.1	1.07	
Carbon Tetrachloride	ND	1.1	1.07		1,1,2,2-Tetrachloroethane	ND	2.1	1.07	
Chlorobenzene	ND	1.1	1.07		Tetrachloroethene	ND	1.1	1.07	
Chloroethane	ND	2.1	1.07		Toluene	1.9	1.1	1.07	
Chloroform	ND	1.1	1.07		1,2,3-Trichlorobenzene	ND	2.1	1.07	
Chloromethane	ND	21	1.07		1,2,4-Trichlorobenzene	ND	2.1	1.07	
2-Chlorotoluene	ND	1.1	1.07		1,1,1-Trichloroethane	ND	1.1	1.07	
4-Chlorotoluene	ND	1.1	1.07		1,1,2-Trichloroethane	ND	1.1	1.07	
Dibromochloromethane	ND	2.1	1.07		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.07	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.07		Trichloroethene	ND	2.1	1.07	
1,2-Dibromoethane	ND	1.1	1.07		Trichlorofluoromethane	ND	11	1.07	
Dibromomethane	ND	1.1	1.07		1,2,3-Trichloropropane	ND	2.1	1.07	
1,2-Dichlorobenzene	ND	1.1	1.07		1,2,4-Trimethylbenzene	ND	2.1	1.07	
1,3-Dichlorobenzene	ND	1.1	1.07		1,3,5-Trimethylbenzene	ND	2.1	1.07	
1,4-Dichlorobenzene	ND	1.1	1.07		Vinyl Acetate	ND	11	1.07	
Dichlorodifluoromethane	ND	2.1	1.07		Vinyl Chloride	ND	1.1	1.07	
1,1-Dichloroethane	ND	1.1	1.07		p/m-Xylene	ND	2.1	1.07	
1,2-Dichloroethane	ND	1.1	1.07		o-Xylene	ND	1.1	1.07	
1,1-Dichloroethene	ND	1.1	1.07		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.07	
c-1,2-Dichloroethene	ND	1.1	1.07		Tert-Butyl Alcohol (TBA)	ND	21	1.07	
t-1,2-Dichloroethene	ND	1.1	1.07		Diisopropyl Ether (DIPE)	ND	1.1	1.07	
1,2-Dichloropropane	ND	1.1	1.07		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.07	
1,3-Dichloropropane	ND	1.1	1.07		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.07	
2,2-Dichloropropane	ND	5.4	1.07		Ethanol	ND	540	1.07	
1,1-Dichloropropene	ND	2.1	1.07						
<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	94	71-137			1,2-Dichloroethane-d4	102	58-160		
1,4-Bromofluorobenzene	101	66-126			Toluene-d8	98	87-111		

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



## Analytical Report



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

Date Received: 09/08/09  
Work Order No: 09-09-0575  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

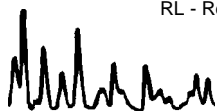
Project: DFSP NORWALK / 746441

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GMW-66-10	09-09-0575-2-D	09/08/09 07:50	Solid	GC/MS S	09/08/09	09/10/09 21:34	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	43	0.868		c-1,3-Dichloropropene	ND	0.87	0.868	
Benzene	0.94	0.87	0.868		t-1,3-Dichloropropene	ND	1.7	0.868	
Bromobenzene	ND	0.87	0.868		Ethylbenzene	ND	0.87	0.868	
Bromochloromethane	ND	1.7	0.868		2-Hexanone	ND	17	0.868	
Bromodichloromethane	ND	0.87	0.868		Isopropylbenzene	ND	0.87	0.868	
Bromoform	ND	4.3	0.868		p-Isopropyltoluene	ND	0.87	0.868	
Bromomethane	ND	17	0.868		Methylene Chloride	ND	8.7	0.868	
2-Butanone	ND	17	0.868		4-Methyl-2-Pentanone	ND	17	0.868	
n-Butylbenzene	ND	0.87	0.868		Naphthalene	ND	8.7	0.868	
sec-Butylbenzene	ND	0.87	0.868		n-Propylbenzene	ND	1.7	0.868	
tert-Butylbenzene	ND	0.87	0.868		Styrene	ND	0.87	0.868	
Carbon Disulfide	ND	8.7	0.868		1,1,1,2-Tetrachloroethane	ND	0.87	0.868	
Carbon Tetrachloride	ND	0.87	0.868		1,1,2,2-Tetrachloroethane	ND	1.7	0.868	
Chlorobenzene	ND	0.87	0.868		Tetrachloroethene	ND	0.87	0.868	
Chloroethane	ND	1.7	0.868		Toluene	1.0	0.87	0.868	
Chloroform	ND	0.87	0.868		1,2,3-Trichlorobenzene	ND	1.7	0.868	
Chloromethane	ND	17	0.868		1,2,4-Trichlorobenzene	ND	1.7	0.868	
2-Chlorotoluene	ND	0.87	0.868		1,1,1-Trichloroethane	ND	0.87	0.868	
4-Chlorotoluene	ND	0.87	0.868		1,1,2-Trichloroethane	ND	0.87	0.868	
Dibromochloromethane	ND	1.7	0.868		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.7	0.868	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.868		Trichloroethene	ND	1.7	0.868	
1,2-Dibromoethane	ND	0.87	0.868		Trichlorofluoromethane	ND	8.7	0.868	
Dibromomethane	ND	0.87	0.868		1,2,3-Trichloropropane	ND	1.7	0.868	
1,2-Dichlorobenzene	ND	0.87	0.868		1,2,4-Trimethylbenzene	ND	1.7	0.868	
1,3-Dichlorobenzene	ND	0.87	0.868		1,3,5-Trimethylbenzene	ND	1.7	0.868	
1,4-Dichlorobenzene	ND	0.87	0.868		Vinyl Acetate	ND	8.7	0.868	
Dichlorodifluoromethane	ND	1.7	0.868		Vinyl Chloride	ND	0.87	0.868	
1,1-Dichloroethane	ND	0.87	0.868		p/m-Xylene	ND	1.7	0.868	
1,2-Dichloroethane	ND	0.87	0.868		o-Xylene	ND	0.87	0.868	
1,1-Dichloroethene	ND	0.87	0.868		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.868	
c-1,2-Dichloroethene	ND	0.87	0.868		Tert-Butyl Alcohol (TBA)	ND	17	0.868	
t-1,2-Dichloroethene	ND	0.87	0.868		Diisopropyl Ether (DIPE)	ND	0.87	0.868	
1,2-Dichloropropane	ND	0.87	0.868		Ethyl-t-Butyl Ether (ETBE)	ND	0.87	0.868	
1,3-Dichloropropane	ND	0.87	0.868		Tert-Amyl-Methyl Ether (TAME)	ND	0.87	0.868	
2,2-Dichloropropane	ND	4.3	0.868		Ethanol	ND	430	0.868	
1,1-Dichloropropene	ND	1.7	0.868						
<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	93	71-137		1,2-Dichloroethane-d4	101	58-160			
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	98	87-111			

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



## Analytical Report



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

Date Received: 09/08/09  
Work Order No: 09-09-0575  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

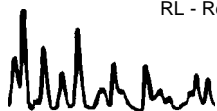
Project: DFSP NORWALK / 746441

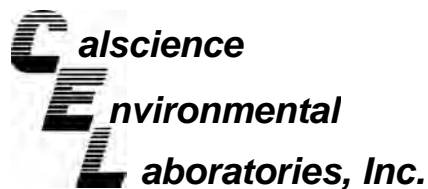
Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,157	N/A	Solid	GC/MS S	09/10/09	09/10/09 15:12	090910L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	88	66-126			Toluene-d8	100	87-111		

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: 09/08/09  
Work Order No: 09-09-0575  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

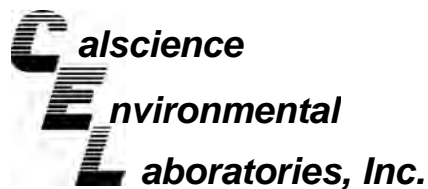
Project DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GMW-66-5	Solid	GC 27	09/09/09	09/10/09	090909S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as JP5	102	102	64-130	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



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

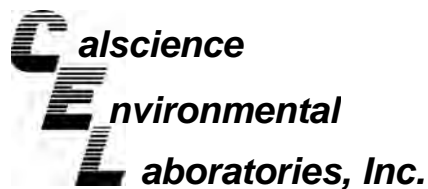
Date Received: N/A  
Work Order No: 09-09-0575  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-295-29	Solid	GC 27	09/09/09	09/10/09	090909B03

<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 JP5	97	96	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

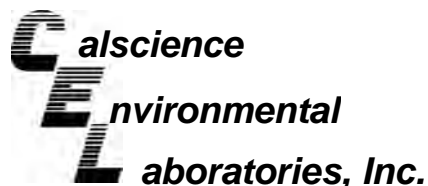
Date Received: N/A  
Work Order No: 09-09-0575  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,663	Solid	GC 4	09/10/09	09/10/09	090910B01

<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	98	98	55-139	1	0-18	

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: 09-09-0575  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,157	Solid	GC/MS S	09/10/09	09/10/09	090910L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	104	109	85-115	80-120	5	0-11	
Carbon Tetrachloride	102	111	68-134	57-145	9	0-14	
Chlorobenzene	99	105	83-119	77-125	6	0-9	
1,2-Dibromoethane	99	99	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	92	96	57-135	44-148	4	0-10	
1,1-Dichloroethene	96	106	72-120	64-128	10	0-10	
Ethylbenzene	100	106	80-120	73-127	5	0-20	
Toluene	105	109	67-127	57-137	4	0-10	
Trichloroethene	106	108	88-112	84-116	2	0-9	
Vinyl Chloride	101	108	57-129	45-141	6	0-16	
Methyl-t-Butyl Ether (MTBE)	103	97	76-124	68-132	6	0-12	
Tert-Butyl Alcohol (TBA)	86	92	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	96	101	74-128	65-137	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	96	101	77-125	69-133	5	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	97	81-123	74-130	3	0-10	
Ethanol	87	104	44-152	26-170	19	0-24	

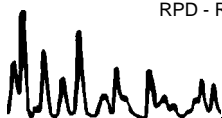
Total number of LCS compounds : 16

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

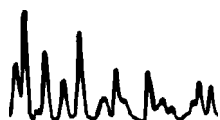
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 09-09-0575

<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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.  Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.





**SAMPLE RECEIPT FORM**

Cooler 1 of 1

CLIENT: Parsons

DATE: 9/8/09

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 3.1 °C - 0.2°C (CF) = 2.9 °C  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:  Air  Filter  Metals Only  PCBs Only Initial: AM

**CUSTODY SEALS INTACT:**

Cooler  \_\_\_\_\_  No (Not Intact)  Not Present  N/A Initial: AM

Sample  \_\_\_\_\_  No (Not Intact)  Not Present Initial: DL

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve  EnCores<sup>®</sup>  TerraCores<sup>®</sup>  \_\_\_\_\_

Water:  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub>

500AGB  500AGJ  500AGJ<sub>s</sub>  250AGB  250CGB  250CGB<sub>s</sub>  1PB  500PB  500PB<sub>na</sub>

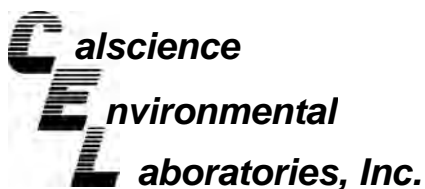
250PB  250PB<sub>n</sub>  125PB  125PB<sub>znna</sub>  100PJ  100PJ<sub>na2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Air:  Tedlar<sup>®</sup>  Summa<sup>®</sup>  \_\_\_\_\_ Other:  \_\_\_\_\_

Checked/Labeled by: [Signature]

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop Reviewed by: [Signature]

Preservative: h: HCL n: HNO3 na<sub>2</sub>: Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> znna: ZnAc<sub>2</sub>+NaOH f: Field-filtered Scanned by: \_\_\_\_\_



September 17, 2009

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

Subject: **Calscience Work Order No.: 09-09-0809**  
**Client Reference: DFSP NORWALK / 746441**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/10/2009 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". The signature is written in a cursive style.

Calscience Environmental  
Laboratories, Inc.  
Ranjit Clarke  
Project Manager

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-13-5	09-09-0809-1-A	09/10/09 07:34	Solid	GC 47	09/11/09	09/12/09 02:37	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	123	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-13-10	09-09-0809-2-A	09/10/09 07:40	Solid	GC 47	09/11/09	09/12/09 02:53	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	122	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-14-5	09-09-0809-6-A	09/10/09 08:09	Solid	GC 47	09/11/09	09/12/09 03:10	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	114	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-14-10	09-09-0809-7-A	09/10/09 08:03	Solid	GC 47	09/11/09	09/12/09 03:26	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	110	61-145			

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 2 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-15-5	09-09-0809-11-A	09/10/09 08:50	Solid	GC 47	09/11/09	09/12/09 03:41	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	113	61-145			

DPT-15-10	09-09-0809-12-A	09/10/09 08:53	Solid	GC 47	09/11/09	09/12/09 03:58	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	123	61-145			

DPT-16-5	09-09-0809-16-A	09/10/09 09:47	Solid	GC 47	09/11/09	09/12/09 04:14	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	122	61-145			

DPT-16-10	09-09-0809-17-A	09/10/09 09:51	Solid	GC 47	09/11/09	09/12/09 04:30	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	116	61-145			

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

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-5	09-09-0809-21-A	09/10/09 10:41	Solid	GC 47	09/11/09	09/14/09 09:51	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	11000	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	150	61-145		1,2	

DPT-17-10	09-09-0809-22-A	09/10/09 10:46	Solid	GC 47	09/11/09	09/14/09 10:08	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	6800	40	8		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	122	61-145			

DPT-17-15	09-09-0809-23-A	09/10/09 10:51	Solid	GC 47	09/11/09	09/14/09 10:24	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	10000	50	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	126	61-145			

DPT-17-20	09-09-0809-24-A	09/10/09 10:58	Solid	GC 47	09/11/09	09/12/09 05:50	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	7.0	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	134	61-145			

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

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-25	09-09-0809-25-A	09/10/09 11:06	Solid	GC 47	09/11/09	09/12/09 06:06	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	200	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	125	61-145			

DPT-18-15	09-09-0809-28-A	09/10/09 11:39	Solid	GC 47	09/11/09	09/12/09 06:22	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	129	61-145			

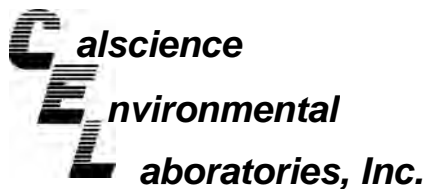
DPT-18-20	09-09-0809-29-A	09/10/09 11:43	Solid	GC 47	09/11/09	09/12/09 06:38	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	23	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	128	61-145			

DPT-19-10	09-09-0809-32-A	09/10/09 12:16	Solid	GC 47	09/11/09	09/12/09 06:54	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as JP5	910	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	118	61-145			

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



Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-15	09-09-0809-33-A	09/10/09 12:21	Solid	GC 47	09/11/09	09/12/09 07:10	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	120	61-145			

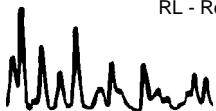
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-20	09-09-0809-34-A	09/10/09 12:27	Solid	GC 47	09/11/09	09/12/09 07:26	090911B02

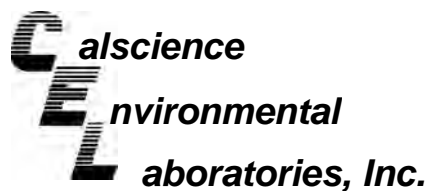
Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	121	61-145			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-295-30	N/A	Solid	GC 47	09/11/09	09/12/09 01:18	090911B02

Parameter	Result	RL	DF	Qual	Units
TPH as JP5	ND	5.0	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	126	61-145			

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





## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 1 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-13-5	09-09-0809-1-G	09/10/09 07:34	Solid	GC 11	09/10/09	09/14/09 17:42	090914B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.27	1.07		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	81	60-126			

DPT-13-10	09-09-0809-2-G	09/10/09 07:40	Solid	GC 11	09/10/09	09/14/09 18:15	090914B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.21	0.831		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	81	60-126			

DPT-14-5	09-09-0809-6-G	09/10/09 08:09	Solid	GC 11	09/10/09	09/14/09 18:49	090914B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.24	0.947		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	79	60-126			

DPT-14-10	09-09-0809-7-G	09/10/09 08:03	Solid	GC 11	09/10/09	09/14/09 19:23	090914B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.23	0.907		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	81	60-126			

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

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 2 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-15-5	09-09-0809-11-G	09/10/09 08:50	Solid	GC 11	09/10/09	09/14/09 19:56	090914B01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.28	1.1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	79	60-126			

DPT-15-10	09-09-0809-12-G	09/10/09 08:53	Solid	GC 11	09/10/09	09/14/09 22:11	090914B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.28	1.12		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	80	60-126			

DPT-16-5	09-09-0809-16-G	09/10/09 09:47	Solid	GC 11	09/10/09	09/14/09 22:45	090914B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.24	0.98		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	79	60-126			

DPT-16-10	09-09-0809-17-G	09/10/09 09:51	Solid	GC 11	09/10/09	09/14/09 23:19	090914B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.23	0.931		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	81	60-126			

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

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 3 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-5	09-09-0809-21-E	09/10/09 10:41	Solid	GC 11	09/10/09	09/15/09 09:59	090914B04

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	14000	500	2020		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	116	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-10	09-09-0809-22-E	09/10/09 10:46	Solid	GC 11	09/10/09	09/15/09 09:25	090914B04

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	5000	490	1950		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	105	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-15	09-09-0809-23-E	09/10/09 10:51	Solid	GC 11	09/10/09	09/15/09 03:48	090914B02

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	7200	490	1950		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	110	60-126	

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

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 4 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-20	09-09-0809-24-F	09/10/09 10:58	Solid	GC 11	09/10/09	09/12/09 07:17	090911B02

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	0.86	0.23	0.926		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-25	09-09-0809-25-E	09/10/09 11:06	Solid	GC 11	09/10/09	09/15/09 03:15	090914B02

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	370	55	220		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	99	60-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-18-15	09-09-0809-28-G	09/10/09 11:39	Solid	GC 11	09/10/09	09/16/09 09:31	090915B01

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	0.63	0.26	1.05		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	79	60-126	

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 5 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-18-20	09-09-0809-29-E	09/10/09 11:43	Solid	GC 11	09/10/09	09/15/09 02:41	090914B02

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	160	48	190		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	84	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-10	09-09-0809-32-E	09/10/09 12:16	Solid	GC 11	09/10/09	09/15/09 02:07	090914B02

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	830	43	171		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	106	60-126			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-15	09-09-0809-33-G	09/10/09 12:21	Solid	GC 11	09/10/09	09/16/09 10:05	090915B01

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	0.72	0.28	1.12		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	80	60-126			

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

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 6 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-20	09-09-0809-34-G	09/10/09 12:27	Solid	GC 11	09/10/09	09/14/09 23:52	090914B01

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	0.45	0.21	0.824		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	60-126	

Method Blank	099-12-285-1,667	N/A	Solid	GC 11	09/14/09	09/14/09 10:10	090914B01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	60-126	

Method Blank	099-12-285-1,668	N/A	Solid	GC 11	09/11/09	09/11/09 23:25	090911B02
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0.25	1		mg/kg

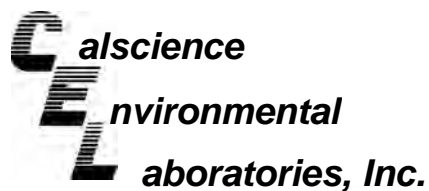
Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	75	60-126	

Method Blank	099-12-285-1,671	N/A	Solid	GC 11	09/14/09	09/14/09 11:52	090914B02
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	10	40		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	60-126	

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Page 7 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-285-1,673	N/A	Solid	GC 11	09/14/09	09/15/09 08:51	090914B04

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	ND	10	40		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	81	60-126			

Method Blank	099-12-285-1,675	N/A	Solid	GC 11	09/15/09	09/15/09 17:39	090915B01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	ND	0.25	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	77	60-126			

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

## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

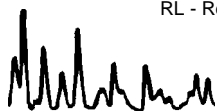
Project: DFSP NORWALK / 746441

Page 1 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-13-5	09-09-0809-1-C	09/10/09 07:34	Solid	GC/MS RR	09/10/09	09/12/09 14:25	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.08		c-1,3-Dichloropropene	ND	1.1	1.08	
Benzene	ND	1.1	1.08		t-1,3-Dichloropropene	ND	2.2	1.08	
Bromobenzene	ND	1.1	1.08		Ethylbenzene	ND	1.1	1.08	
Bromochloromethane	ND	2.2	1.08		2-Hexanone	ND	22	1.08	
Bromodichloromethane	ND	1.1	1.08		Isopropylbenzene	ND	1.1	1.08	
Bromoform	ND	5.4	1.08		p-Isopropyltoluene	ND	1.1	1.08	
Bromomethane	ND	22	1.08		Methylene Chloride	ND	11	1.08	
2-Butanone	ND	22	1.08		4-Methyl-2-Pentanone	ND	22	1.08	
n-Butylbenzene	ND	1.1	1.08		Naphthalene	ND	11	1.08	
sec-Butylbenzene	ND	1.1	1.08		n-Propylbenzene	ND	2.2	1.08	
tert-Butylbenzene	ND	1.1	1.08		Styrene	ND	1.1	1.08	
Carbon Disulfide	ND	11	1.08		1,1,1,2-Tetrachloroethane	ND	1.1	1.08	
Carbon Tetrachloride	ND	1.1	1.08		1,1,2,2-Tetrachloroethane	ND	2.2	1.08	
Chlorobenzene	ND	1.1	1.08		Tetrachloroethene	ND	1.1	1.08	
Chloroethane	ND	2.2	1.08		Toluene	ND	1.1	1.08	
Chloroform	ND	1.1	1.08		1,2,3-Trichlorobenzene	ND	2.2	1.08	
Chloromethane	ND	22	1.08		1,2,4-Trichlorobenzene	ND	2.2	1.08	
2-Chlorotoluene	ND	1.1	1.08		1,1,1-Trichloroethane	ND	1.1	1.08	
4-Chlorotoluene	ND	1.1	1.08		1,1,2-Trichloroethane	ND	1.1	1.08	
Dibromochloromethane	ND	2.2	1.08		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.08	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.08		Trichloroethene	ND	2.2	1.08	
1,2-Dibromoethane	ND	1.1	1.08		Trichlorofluoromethane	ND	11	1.08	
Dibromomethane	ND	1.1	1.08		1,2,3-Trichloropropane	ND	2.2	1.08	
1,2-Dichlorobenzene	ND	1.1	1.08		1,2,4-Trimethylbenzene	ND	2.2	1.08	
1,3-Dichlorobenzene	ND	1.1	1.08		1,3,5-Trimethylbenzene	ND	2.2	1.08	
1,4-Dichlorobenzene	ND	1.1	1.08		Vinyl Acetate	ND	11	1.08	
Dichlorodifluoromethane	ND	2.2	1.08		Vinyl Chloride	ND	1.1	1.08	
1,1-Dichloroethane	ND	1.1	1.08		p/m-Xylene	ND	2.2	1.08	
1,2-Dichloroethane	ND	1.1	1.08		o-Xylene	ND	1.1	1.08	
1,1-Dichloroethene	ND	1.1	1.08		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.08	
c-1,2-Dichloroethene	ND	1.1	1.08		Tert-Butyl Alcohol (TBA)	ND	22	1.08	
t-1,2-Dichloroethene	ND	1.1	1.08		Diisopropyl Ether (DIPE)	ND	1.1	1.08	
1,2-Dichloropropane	ND	1.1	1.08		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.08	
1,3-Dichloropropane	ND	1.1	1.08		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.08	
2,2-Dichloropropane	ND	5.4	1.08		Ethanol	ND	540	1.08	
1,1-Dichloropropene	ND	2.2	1.08						
<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	101	71-137			1,2-Dichloroethane-d4	102	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	102	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

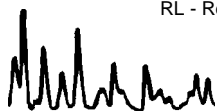
Project: DFSP NORWALK / 746441

Page 2 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-13-10	09-09-0809-2-C	09/10/09 07:40	Solid	GC/MS RR	09/10/09	09/12/09 14:50	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	43	0.853		c-1,3-Dichloropropene	ND	0.85	0.853	
Benzene	1.9	0.85	0.853		t-1,3-Dichloropropene	ND	1.7	0.853	
Bromobenzene	ND	0.85	0.853		Ethylbenzene	ND	0.85	0.853	
Bromochloromethane	ND	1.7	0.853		2-Hexanone	ND	17	0.853	
Bromodichloromethane	ND	0.85	0.853		Isopropylbenzene	ND	0.85	0.853	
Bromoform	ND	4.3	0.853		p-Isopropyltoluene	ND	0.85	0.853	
Bromomethane	ND	17	0.853		Methylene Chloride	ND	8.5	0.853	
2-Butanone	ND	17	0.853		4-Methyl-2-Pentanone	ND	17	0.853	
n-Butylbenzene	ND	0.85	0.853		Naphthalene	ND	8.5	0.853	
sec-Butylbenzene	ND	0.85	0.853		n-Propylbenzene	ND	1.7	0.853	
tert-Butylbenzene	ND	0.85	0.853		Styrene	ND	0.85	0.853	
Carbon Disulfide	ND	8.5	0.853		1,1,1,2-Tetrachloroethane	ND	0.85	0.853	
Carbon Tetrachloride	ND	0.85	0.853		1,1,2,2-Tetrachloroethane	ND	1.7	0.853	
Chlorobenzene	ND	0.85	0.853		Tetrachloroethene	ND	0.85	0.853	
Chloroethane	ND	1.7	0.853		Toluene	0.92	0.85	0.853	
Chloroform	ND	0.85	0.853		1,2,3-Trichlorobenzene	ND	1.7	0.853	
Chloromethane	ND	17	0.853		1,2,4-Trichlorobenzene	ND	1.7	0.853	
2-Chlorotoluene	ND	0.85	0.853		1,1,1-Trichloroethane	ND	0.85	0.853	
4-Chlorotoluene	ND	0.85	0.853		1,1,2-Trichloroethane	ND	0.85	0.853	
Dibromochloromethane	ND	1.7	0.853		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.5	0.853	
1,2-Dibromo-3-Chloropropane	ND	4.3	0.853		Trichloroethene	ND	1.7	0.853	
1,2-Dibromoethane	ND	0.85	0.853		Trichlorofluoromethane	ND	8.5	0.853	
Dibromomethane	ND	0.85	0.853		1,2,3-Trichloropropane	ND	1.7	0.853	
1,2-Dichlorobenzene	ND	0.85	0.853		1,2,4-Trimethylbenzene	ND	1.7	0.853	
1,3-Dichlorobenzene	ND	0.85	0.853		1,3,5-Trimethylbenzene	ND	1.7	0.853	
1,4-Dichlorobenzene	ND	0.85	0.853		Vinyl Acetate	ND	8.5	0.853	
Dichlorodifluoromethane	ND	1.7	0.853		Vinyl Chloride	ND	0.85	0.853	
1,1-Dichloroethane	ND	0.85	0.853		p/m-Xylene	ND	1.7	0.853	
1,2-Dichloroethane	ND	0.85	0.853		o-Xylene	ND	0.85	0.853	
1,1-Dichloroethene	ND	0.85	0.853		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.853	
c-1,2-Dichloroethene	ND	0.85	0.853		Tert-Butyl Alcohol (TBA)	ND	17	0.853	
t-1,2-Dichloroethene	ND	0.85	0.853		Diisopropyl Ether (DIPE)	ND	0.85	0.853	
1,2-Dichloropropane	ND	0.85	0.853		Ethyl-t-Butyl Ether (ETBE)	ND	0.85	0.853	
1,3-Dichloropropane	ND	0.85	0.853		Tert-Amyl-Methyl Ether (TAME)	ND	0.85	0.853	
2,2-Dichloropropane	ND	4.3	0.853		Ethanol	ND	430	0.853	
1,1-Dichloropropene	ND	1.7	0.853						
<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	71-137		1,2-Dichloroethane-d4	103	58-160			
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	100	87-111			

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

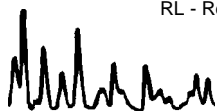
Project: DFSP NORWALK / 746441

Page 3 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-14-5	09-09-0809-6-C	09/10/09 08:09	Solid	GC/MS RR	09/10/09	09/12/09 15:16	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	49	0.982		c-1,3-Dichloropropene	ND	0.98	0.982	
Benzene	ND	0.98	0.982		t-1,3-Dichloropropene	ND	2.0	0.982	
Bromobenzene	ND	0.98	0.982		Ethylbenzene	ND	0.98	0.982	
Bromochloromethane	ND	2.0	0.982		2-Hexanone	ND	20	0.982	
Bromodichloromethane	ND	0.98	0.982		Isopropylbenzene	ND	0.98	0.982	
Bromoform	ND	4.9	0.982		p-Isopropyltoluene	ND	0.98	0.982	
Bromomethane	ND	20	0.982		Methylene Chloride	ND	9.8	0.982	
2-Butanone	ND	20	0.982		4-Methyl-2-Pentanone	ND	20	0.982	
n-Butylbenzene	ND	0.98	0.982		Naphthalene	ND	9.8	0.982	
sec-Butylbenzene	ND	0.98	0.982		n-Propylbenzene	ND	2.0	0.982	
tert-Butylbenzene	ND	0.98	0.982		Styrene	ND	0.98	0.982	
Carbon Disulfide	ND	9.8	0.982		1,1,1,2-Tetrachloroethane	ND	0.98	0.982	
Carbon Tetrachloride	ND	0.98	0.982		1,1,2,2-Tetrachloroethane	ND	2.0	0.982	
Chlorobenzene	ND	0.98	0.982		Tetrachloroethene	ND	0.98	0.982	
Chloroethane	ND	2.0	0.982		Toluene	ND	0.98	0.982	
Chloroform	ND	0.98	0.982		1,2,3-Trichlorobenzene	ND	2.0	0.982	
Chloromethane	ND	20	0.982		1,2,4-Trichlorobenzene	ND	2.0	0.982	
2-Chlorotoluene	ND	0.98	0.982		1,1,1-Trichloroethane	ND	0.98	0.982	
4-Chlorotoluene	ND	0.98	0.982		1,1,2-Trichloroethane	ND	0.98	0.982	
Dibromochloromethane	ND	2.0	0.982		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.8	0.982	
1,2-Dibromo-3-Chloropropane	ND	4.9	0.982		Trichloroethene	ND	2.0	0.982	
1,2-Dibromoethane	ND	0.98	0.982		Trichlorofluoromethane	ND	9.8	0.982	
Dibromomethane	ND	0.98	0.982		1,2,3-Trichloropropane	ND	2.0	0.982	
1,2-Dichlorobenzene	ND	0.98	0.982		1,2,4-Trimethylbenzene	ND	2.0	0.982	
1,3-Dichlorobenzene	ND	0.98	0.982		1,3,5-Trimethylbenzene	ND	2.0	0.982	
1,4-Dichlorobenzene	ND	0.98	0.982		Vinyl Acetate	ND	9.8	0.982	
Dichlorodifluoromethane	ND	2.0	0.982		Vinyl Chloride	ND	0.98	0.982	
1,1-Dichloroethane	ND	0.98	0.982		p/m-Xylene	ND	2.0	0.982	
1,2-Dichloroethane	ND	0.98	0.982		o-Xylene	ND	0.98	0.982	
1,1-Dichloroethene	ND	0.98	0.982		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.982	
c-1,2-Dichloroethene	ND	0.98	0.982		Tert-Butyl Alcohol (TBA)	ND	20	0.982	
t-1,2-Dichloroethene	ND	0.98	0.982		Diisopropyl Ether (DIPE)	ND	0.98	0.982	
1,2-Dichloropropane	ND	0.98	0.982		Ethyl-t-Butyl Ether (ETBE)	ND	0.98	0.982	
1,3-Dichloropropane	ND	0.98	0.982		Tert-Amyl-Methyl Ether (TAME)	ND	0.98	0.982	
2,2-Dichloropropane	ND	4.9	0.982		Ethanol	ND	490	0.982	
1,1-Dichloropropene	ND	2.0	0.982						
<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	71-137		1,2-Dichloroethane-d4	109	58-160			
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	99	87-111			

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

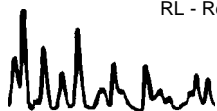
Project: DFSP NORWALK / 746441

Page 4 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-14-10	09-09-0809-7-C	09/10/09 08:03	Solid	GC/MS RR	09/10/09	09/12/09 15:41	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	46	0.916		c-1,3-Dichloropropene	ND	0.92	0.916	
Benzene	ND	0.92	0.916		t-1,3-Dichloropropene	ND	1.8	0.916	
Bromobenzene	ND	0.92	0.916		Ethylbenzene	ND	0.92	0.916	
Bromochloromethane	ND	1.8	0.916		2-Hexanone	ND	18	0.916	
Bromodichloromethane	ND	0.92	0.916		Isopropylbenzene	ND	0.92	0.916	
Bromoform	ND	4.6	0.916		p-Isopropyltoluene	ND	0.92	0.916	
Bromomethane	ND	18	0.916		Methylene Chloride	ND	9.2	0.916	
2-Butanone	ND	18	0.916		4-Methyl-2-Pentanone	ND	18	0.916	
n-Butylbenzene	ND	0.92	0.916		Naphthalene	ND	9.2	0.916	
sec-Butylbenzene	ND	0.92	0.916		n-Propylbenzene	ND	1.8	0.916	
tert-Butylbenzene	ND	0.92	0.916		Styrene	ND	0.92	0.916	
Carbon Disulfide	ND	9.2	0.916		1,1,1,2-Tetrachloroethane	ND	0.92	0.916	
Carbon Tetrachloride	ND	0.92	0.916		1,1,2,2-Tetrachloroethane	ND	1.8	0.916	
Chlorobenzene	ND	0.92	0.916		Tetrachloroethene	ND	0.92	0.916	
Chloroethane	ND	1.8	0.916		Toluene	ND	0.92	0.916	
Chloroform	ND	0.92	0.916		1,2,3-Trichlorobenzene	ND	1.8	0.916	
Chloromethane	ND	18	0.916		1,2,4-Trichlorobenzene	ND	1.8	0.916	
2-Chlorotoluene	ND	0.92	0.916		1,1,1-Trichloroethane	ND	0.92	0.916	
4-Chlorotoluene	ND	0.92	0.916		1,1,2-Trichloroethane	ND	0.92	0.916	
Dibromochloromethane	ND	1.8	0.916		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.2	0.916	
1,2-Dibromo-3-Chloropropane	ND	4.6	0.916		Trichloroethene	ND	1.8	0.916	
1,2-Dibromoethane	ND	0.92	0.916		Trichlorofluoromethane	ND	9.2	0.916	
Dibromomethane	ND	0.92	0.916		1,2,3-Trichloropropane	ND	1.8	0.916	
1,2-Dichlorobenzene	ND	0.92	0.916		1,2,4-Trimethylbenzene	ND	1.8	0.916	
1,3-Dichlorobenzene	ND	0.92	0.916		1,3,5-Trimethylbenzene	ND	1.8	0.916	
1,4-Dichlorobenzene	ND	0.92	0.916		Vinyl Acetate	ND	9.2	0.916	
Dichlorodifluoromethane	ND	1.8	0.916		Vinyl Chloride	ND	0.92	0.916	
1,1-Dichloroethane	ND	0.92	0.916		p/m-Xylene	ND	1.8	0.916	
1,2-Dichloroethane	ND	0.92	0.916		o-Xylene	ND	0.92	0.916	
1,1-Dichloroethene	ND	0.92	0.916		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.916	
c-1,2-Dichloroethene	ND	0.92	0.916		Tert-Butyl Alcohol (TBA)	ND	18	0.916	
t-1,2-Dichloroethene	ND	0.92	0.916		Diisopropyl Ether (DIPE)	ND	0.92	0.916	
1,2-Dichloropropane	ND	0.92	0.916		Ethyl-t-Butyl Ether (ETBE)	ND	0.92	0.916	
1,3-Dichloropropane	ND	0.92	0.916		Tert-Amyl-Methyl Ether (TAME)	ND	0.92	0.916	
2,2-Dichloropropane	ND	4.6	0.916		Ethanol	ND	460	0.916	
1,1-Dichloropropene	ND	1.8	0.916						
<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	106	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	99	66-126			Toluene-d8	99	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

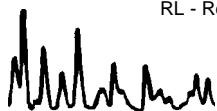
Project: DFSP NORWALK / 746441

Page 5 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-15-5	09-09-0809-11-C	09/10/09 08:50	Solid	GC/MS RR	09/10/09	09/12/09 16:06	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	58	1.16		c-1,3-Dichloropropene	ND	1.2	1.16	
Benzene	ND	1.2	1.16		t-1,3-Dichloropropene	ND	2.3	1.16	
Bromobenzene	ND	1.2	1.16		Ethylbenzene	ND	1.2	1.16	
Bromochloromethane	ND	2.3	1.16		2-Hexanone	ND	23	1.16	
Bromodichloromethane	ND	1.2	1.16		Isopropylbenzene	ND	1.2	1.16	
Bromoform	ND	5.8	1.16		p-Isopropyltoluene	ND	1.2	1.16	
Bromomethane	ND	23	1.16		Methylene Chloride	ND	12	1.16	
2-Butanone	ND	23	1.16		4-Methyl-2-Pentanone	ND	23	1.16	
n-Butylbenzene	ND	1.2	1.16		Naphthalene	ND	12	1.16	
sec-Butylbenzene	ND	1.2	1.16		n-Propylbenzene	ND	2.3	1.16	
tert-Butylbenzene	ND	1.2	1.16		Styrene	ND	1.2	1.16	
Carbon Disulfide	ND	12	1.16		1,1,1,2-Tetrachloroethane	ND	1.2	1.16	
Carbon Tetrachloride	ND	1.2	1.16		1,1,2,2-Tetrachloroethane	ND	2.3	1.16	
Chlorobenzene	ND	1.2	1.16		Tetrachloroethene	ND	1.2	1.16	
Chloroethane	ND	2.3	1.16		Toluene	ND	1.2	1.16	
Chloroform	ND	1.2	1.16		1,2,3-Trichlorobenzene	ND	2.3	1.16	
Chloromethane	ND	23	1.16		1,2,4-Trichlorobenzene	ND	2.3	1.16	
2-Chlorotoluene	ND	1.2	1.16		1,1,1-Trichloroethane	ND	1.2	1.16	
4-Chlorotoluene	ND	1.2	1.16		1,1,2-Trichloroethane	ND	1.2	1.16	
Dibromochloromethane	ND	2.3	1.16		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	12	1.16	
1,2-Dibromo-3-Chloropropane	ND	5.8	1.16		Trichloroethene	ND	2.3	1.16	
1,2-Dibromoethane	ND	1.2	1.16		Trichlorofluoromethane	ND	12	1.16	
Dibromomethane	ND	1.2	1.16		1,2,3-Trichloropropane	ND	2.3	1.16	
1,2-Dichlorobenzene	ND	1.2	1.16		1,2,4-Trimethylbenzene	ND	2.3	1.16	
1,3-Dichlorobenzene	ND	1.2	1.16		1,3,5-Trimethylbenzene	ND	2.3	1.16	
1,4-Dichlorobenzene	ND	1.2	1.16		Vinyl Acetate	ND	12	1.16	
Dichlorodifluoromethane	ND	2.3	1.16		Vinyl Chloride	ND	1.2	1.16	
1,1-Dichloroethane	ND	1.2	1.16		p/m-Xylene	ND	2.3	1.16	
1,2-Dichloroethane	ND	1.2	1.16		o-Xylene	ND	1.2	1.16	
1,1-Dichloroethene	ND	1.2	1.16		Methyl-t-Butyl Ether (MTBE)	ND	2.3	1.16	
c-1,2-Dichloroethene	ND	1.2	1.16		Tert-Butyl Alcohol (TBA)	ND	23	1.16	
t-1,2-Dichloroethene	ND	1.2	1.16		Diisopropyl Ether (DIPE)	ND	1.2	1.16	
1,2-Dichloropropane	ND	1.2	1.16		Ethyl-t-Butyl Ether (ETBE)	ND	1.2	1.16	
1,3-Dichloropropane	ND	1.2	1.16		Tert-Amyl-Methyl Ether (TAME)	ND	1.2	1.16	
2,2-Dichloropropane	ND	5.8	1.16		Ethanol	ND	580	1.16	
1,1-Dichloropropene	ND	2.3	1.16						
<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	71-137			1,2-Dichloroethane-d4	107	58-160		
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	100	87-111		

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





## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg


Project: DFSP NORWALK / 746441

Page 6 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-15-10	09-09-0809-12-C	09/10/09 08:53	Solid	GC/MS RR	09/10/09	09/12/09 16:31	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.09		c-1,3-Dichloropropene	ND	1.1	1.09	
Benzene	ND	1.1	1.09		t-1,3-Dichloropropene	ND	2.2	1.09	
Bromobenzene	ND	1.1	1.09		Ethylbenzene	ND	1.1	1.09	
Bromochloromethane	ND	2.2	1.09		2-Hexanone	ND	22	1.09	
Bromodichloromethane	ND	1.1	1.09		Isopropylbenzene	ND	1.1	1.09	
Bromoform	ND	5.4	1.09		p-Isopropyltoluene	ND	1.1	1.09	
Bromomethane	ND	22	1.09		Methylene Chloride	ND	11	1.09	
2-Butanone	ND	22	1.09		4-Methyl-2-Pentanone	ND	22	1.09	
n-Butylbenzene	ND	1.1	1.09		Naphthalene	ND	11	1.09	
sec-Butylbenzene	ND	1.1	1.09		n-Propylbenzene	ND	2.2	1.09	
tert-Butylbenzene	ND	1.1	1.09		Styrene	ND	1.1	1.09	
Carbon Disulfide	ND	11	1.09		1,1,1,2-Tetrachloroethane	ND	1.1	1.09	
Carbon Tetrachloride	ND	1.1	1.09		1,1,2,2-Tetrachloroethane	ND	2.2	1.09	
Chlorobenzene	ND	1.1	1.09		Tetrachloroethene	ND	1.1	1.09	
Chloroethane	ND	2.2	1.09		Toluene	ND	1.1	1.09	
Chloroform	ND	1.1	1.09		1,2,3-Trichlorobenzene	ND	2.2	1.09	
Chloromethane	ND	22	1.09		1,2,4-Trichlorobenzene	ND	2.2	1.09	
2-Chlorotoluene	ND	1.1	1.09		1,1,1-Trichloroethane	ND	1.1	1.09	
4-Chlorotoluene	ND	1.1	1.09		1,1,2-Trichloroethane	ND	1.1	1.09	
Dibromochloromethane	ND	2.2	1.09		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.09	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.09		Trichloroethene	ND	2.2	1.09	
1,2-Dibromoethane	ND	1.1	1.09		Trichlorofluoromethane	ND	11	1.09	
Dibromomethane	ND	1.1	1.09		1,2,3-Trichloropropane	ND	2.2	1.09	
1,2-Dichlorobenzene	ND	1.1	1.09		1,2,4-Trimethylbenzene	ND	2.2	1.09	
1,3-Dichlorobenzene	ND	1.1	1.09		1,3,5-Trimethylbenzene	ND	2.2	1.09	
1,4-Dichlorobenzene	ND	1.1	1.09		Vinyl Acetate	ND	11	1.09	
Dichlorodifluoromethane	ND	2.2	1.09		Vinyl Chloride	ND	1.1	1.09	
1,1-Dichloroethane	ND	1.1	1.09		p/m-Xylene	ND	2.2	1.09	
1,2-Dichloroethane	ND	1.1	1.09		o-Xylene	ND	1.1	1.09	
1,1-Dichloroethene	ND	1.1	1.09		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.09	
c-1,2-Dichloroethene	ND	1.1	1.09		Tert-Butyl Alcohol (TBA)	ND	22	1.09	
t-1,2-Dichloroethene	ND	1.1	1.09		Diisopropyl Ether (DIPE)	ND	1.1	1.09	
1,2-Dichloropropane	ND	1.1	1.09		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.09	
1,3-Dichloropropane	ND	1.1	1.09		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.09	
2,2-Dichloropropane	ND	5.4	1.09		Ethanol	ND	540	1.09	
1,1-Dichloropropene	ND	2.2	1.09						
<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	71-137			1,2-Dichloroethane-d4	107	58-160		
1,4-Bromofluorobenzene	101	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 7 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-16-5	09-09-0809-16-C	09/10/09 09:47	Solid	GC/MS RR	09/10/09	09/12/09 16:57	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	49	0.986		c-1,3-Dichloropropene	ND	0.99	0.986	
Benzene	ND	0.99	0.986		t-1,3-Dichloropropene	ND	2.0	0.986	
Bromobenzene	ND	0.99	0.986		Ethylbenzene	ND	0.99	0.986	
Bromochloromethane	ND	2.0	0.986		2-Hexanone	ND	20	0.986	
Bromodichloromethane	ND	0.99	0.986		Isopropylbenzene	ND	0.99	0.986	
Bromoform	ND	4.9	0.986		p-Isopropyltoluene	ND	0.99	0.986	
Bromomethane	ND	20	0.986		Methylene Chloride	ND	9.9	0.986	
2-Butanone	ND	20	0.986		4-Methyl-2-Pentanone	ND	20	0.986	
n-Butylbenzene	ND	0.99	0.986		Naphthalene	ND	9.9	0.986	
sec-Butylbenzene	ND	0.99	0.986		n-Propylbenzene	ND	2.0	0.986	
tert-Butylbenzene	ND	0.99	0.986		Styrene	ND	0.99	0.986	
Carbon Disulfide	ND	9.9	0.986		1,1,1,2-Tetrachloroethane	ND	0.99	0.986	
Carbon Tetrachloride	ND	0.99	0.986		1,1,2,2-Tetrachloroethane	ND	2.0	0.986	
Chlorobenzene	ND	0.99	0.986		Tetrachloroethene	ND	0.99	0.986	
Chloroethane	ND	2.0	0.986		Toluene	ND	0.99	0.986	
Chloroform	ND	0.99	0.986		1,2,3-Trichlorobenzene	ND	2.0	0.986	
Chloromethane	ND	20	0.986		1,2,4-Trichlorobenzene	ND	2.0	0.986	
2-Chlorotoluene	ND	0.99	0.986		1,1,1-Trichloroethane	ND	0.99	0.986	
4-Chlorotoluene	ND	0.99	0.986		1,1,2-Trichloroethane	ND	0.99	0.986	
Dibromochloromethane	ND	2.0	0.986		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.9	0.986	
1,2-Dibromo-3-Chloropropane	ND	4.9	0.986		Trichloroethene	ND	2.0	0.986	
1,2-Dibromoethane	ND	0.99	0.986		Trichlorofluoromethane	ND	9.9	0.986	
Dibromomethane	ND	0.99	0.986		1,2,3-Trichloropropane	ND	2.0	0.986	
1,2-Dichlorobenzene	ND	0.99	0.986		1,2,4-Trimethylbenzene	ND	2.0	0.986	
1,3-Dichlorobenzene	ND	0.99	0.986		1,3,5-Trimethylbenzene	ND	2.0	0.986	
1,4-Dichlorobenzene	ND	0.99	0.986		Vinyl Acetate	ND	9.9	0.986	
Dichlorodifluoromethane	ND	2.0	0.986		Vinyl Chloride	ND	0.99	0.986	
1,1-Dichloroethane	ND	0.99	0.986		p/m-Xylene	ND	2.0	0.986	
1,2-Dichloroethane	ND	0.99	0.986		o-Xylene	ND	0.99	0.986	
1,1-Dichloroethene	ND	0.99	0.986		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.986	
c-1,2-Dichloroethene	ND	0.99	0.986		Tert-Butyl Alcohol (TBA)	ND	20	0.986	
t-1,2-Dichloroethene	ND	0.99	0.986		Diisopropyl Ether (DIPE)	ND	0.99	0.986	
1,2-Dichloropropane	ND	0.99	0.986		Ethyl-t-Butyl Ether (ETBE)	ND	0.99	0.986	
1,3-Dichloropropane	ND	0.99	0.986		Tert-Amyl-Methyl Ether (TAME)	ND	0.99	0.986	
2,2-Dichloropropane	ND	4.9	0.986		Ethanol	ND	490	0.986	
1,1-Dichloropropene	ND	2.0	0.986						
<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	71-137			1,2-Dichloroethane-d4	110	58-160		
1,4-Bromofluorobenzene	98	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

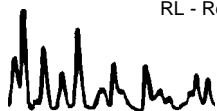
Project: DFSP NORWALK / 746441

Page 8 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-16-10	09-09-0809-17-C	09/10/09 09:51	Solid	GC/MS RR	09/10/09	09/12/09 17:22	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	49	0.984		c-1,3-Dichloropropene	ND	0.98	0.984	
Benzene	1.4	0.98	0.984		t-1,3-Dichloropropene	ND	2.0	0.984	
Bromobenzene	ND	0.98	0.984		Ethylbenzene	ND	0.98	0.984	
Bromochloromethane	ND	2.0	0.984		2-Hexanone	ND	20	0.984	
Bromodichloromethane	ND	0.98	0.984		Isopropylbenzene	ND	0.98	0.984	
Bromoform	ND	4.9	0.984		p-Isopropyltoluene	ND	0.98	0.984	
Bromomethane	ND	20	0.984		Methylene Chloride	ND	9.8	0.984	
2-Butanone	ND	20	0.984		4-Methyl-2-Pentanone	ND	20	0.984	
n-Butylbenzene	ND	0.98	0.984		Naphthalene	ND	9.8	0.984	
sec-Butylbenzene	ND	0.98	0.984		n-Propylbenzene	ND	2.0	0.984	
tert-Butylbenzene	ND	0.98	0.984		Styrene	ND	0.98	0.984	
Carbon Disulfide	ND	9.8	0.984		1,1,1,2-Tetrachloroethane	ND	0.98	0.984	
Carbon Tetrachloride	ND	0.98	0.984		1,1,2,2-Tetrachloroethane	ND	2.0	0.984	
Chlorobenzene	ND	0.98	0.984		Tetrachloroethene	ND	0.98	0.984	
Chloroethane	ND	2.0	0.984		Toluene	ND	0.98	0.984	
Chloroform	ND	0.98	0.984		1,2,3-Trichlorobenzene	ND	2.0	0.984	
Chloromethane	ND	20	0.984		1,2,4-Trichlorobenzene	ND	2.0	0.984	
2-Chlorotoluene	ND	0.98	0.984		1,1,1-Trichloroethane	ND	0.98	0.984	
4-Chlorotoluene	ND	0.98	0.984		1,1,2-Trichloroethane	ND	0.98	0.984	
Dibromochloromethane	ND	2.0	0.984		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.8	0.984	
1,2-Dibromo-3-Chloropropane	ND	4.9	0.984		Trichloroethene	ND	2.0	0.984	
1,2-Dibromoethane	ND	0.98	0.984		Trichlorofluoromethane	ND	9.8	0.984	
Dibromomethane	ND	0.98	0.984		1,2,3-Trichloropropane	ND	2.0	0.984	
1,2-Dichlorobenzene	ND	0.98	0.984		1,2,4-Trimethylbenzene	ND	2.0	0.984	
1,3-Dichlorobenzene	ND	0.98	0.984		1,3,5-Trimethylbenzene	ND	2.0	0.984	
1,4-Dichlorobenzene	ND	0.98	0.984		Vinyl Acetate	ND	9.8	0.984	
Dichlorodifluoromethane	ND	2.0	0.984		Vinyl Chloride	ND	0.98	0.984	
1,1-Dichloroethane	ND	0.98	0.984		p/m-Xylene	ND	2.0	0.984	
1,2-Dichloroethane	ND	0.98	0.984		o-Xylene	ND	0.98	0.984	
1,1-Dichloroethene	ND	0.98	0.984		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.984	
c-1,2-Dichloroethene	ND	0.98	0.984		Tert-Butyl Alcohol (TBA)	ND	20	0.984	
t-1,2-Dichloroethene	ND	0.98	0.984		Diisopropyl Ether (DIPE)	ND	0.98	0.984	
1,2-Dichloropropane	ND	0.98	0.984		Ethyl-t-Butyl Ether (ETBE)	ND	0.98	0.984	
1,3-Dichloropropane	ND	0.98	0.984		Tert-Amyl-Methyl Ether (TAME)	ND	0.98	0.984	
2,2-Dichloropropane	ND	4.9	0.984		Ethanol	ND	490	0.984	
1,1-Dichloropropene	ND	2.0	0.984						
<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	71-137		1,2-Dichloroethane-d4	109	58-160			
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	100	87-111			

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 9 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-5	09-09-0809-21-E	09/10/09 10:41	Solid	GC/MS RR	09/10/09	09/12/09 19:28	090912L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50000	1010		c-1,3-Dichloropropene	ND	1000	1010	
Benzene	ND	1000	1010		t-1,3-Dichloropropene	ND	2000	1010	
Bromobenzene	ND	1000	1010		Ethylbenzene	ND	1000	1010	
Bromochloromethane	ND	2000	1010		2-Hexanone	ND	20000	1010	
Bromodichloromethane	ND	1000	1010		Isopropylbenzene	ND	1000	1010	
Bromoform	ND	5000	1010		p-Isopropyltoluene	9600	1000	1010	
Bromomethane	ND	20000	1010		Methylene Chloride	ND	10000	1010	
2-Butanone	ND	20000	1010		4-Methyl-2-Pentanone	ND	20000	1010	
n-Butylbenzene	ND	1000	1010		Naphthalene	ND	10000	1010	
sec-Butylbenzene	ND	1000	1010		n-Propylbenzene	ND	2000	1010	
tert-Butylbenzene	ND	1000	1010		Styrene	ND	1000	1010	
Carbon Disulfide	ND	10000	1010		1,1,1,2-Tetrachloroethane	ND	1000	1010	
Carbon Tetrachloride	ND	1000	1010		1,1,2,2-Tetrachloroethane	ND	2000	1010	
Chlorobenzene	ND	1000	1010		Tetrachloroethene	ND	1000	1010	
Chloroethane	ND	2000	1010		Toluene	ND	1000	1010	
Chloroform	ND	1000	1010		1,2,3-Trichlorobenzene	ND	2000	1010	
Chloromethane	ND	20000	1010		1,2,4-Trichlorobenzene	ND	2000	1010	
2-Chlorotoluene	ND	1000	1010		1,1,1-Trichloroethane	ND	1000	1010	
4-Chlorotoluene	ND	1000	1010		1,1,2-Trichloroethane	ND	1000	1010	
Dibromochloromethane	ND	2000	1010		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10000	1010	
1,2-Dibromo-3-Chloropropane	ND	5000	1010		Trichloroethene	ND	2000	1010	
1,2-Dibromoethane	ND	1000	1010		Trichlorofluoromethane	ND	10000	1010	
Dibromomethane	ND	1000	1010		1,2,3-Trichloropropane	ND	2000	1010	
1,2-Dichlorobenzene	ND	1000	1010		1,2,4-Trimethylbenzene	9200	2000	1010	
1,3-Dichlorobenzene	ND	1000	1010		1,3,5-Trimethylbenzene	18000	2000	1010	
1,4-Dichlorobenzene	ND	1000	1010		Vinyl Acetate	ND	10000	1010	
Dichlorodifluoromethane	ND	2000	1010		Vinyl Chloride	ND	1000	1010	
1,1-Dichloroethane	ND	1000	1010		p/m-Xylene	ND	2000	1010	
1,2-Dichloroethane	ND	1000	1010		o-Xylene	ND	1000	1010	
1,1-Dichloroethene	ND	1000	1010		Methyl-t-Butyl Ether (MTBE)	ND	2000	1010	
c-1,2-Dichloroethene	ND	1000	1010		Tert-Butyl Alcohol (TBA)	ND	20000	1010	
t-1,2-Dichloroethene	ND	1000	1010		Diisopropyl Ether (DIPE)	ND	1000	1010	
1,2-Dichloropropane	ND	1000	1010		Ethyl-t-Butyl Ether (ETBE)	ND	1000	1010	
1,3-Dichloropropane	ND	1000	1010		Tert-Amyl-Methyl Ether (TAME)	ND	1000	1010	
2,2-Dichloropropane	ND	5000	1010		Ethanol	ND	500000	1010	
1,1-Dichloropropene	ND	2000	1010						
<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	71-137			1,2-Dichloroethane-d4	101	58-160		
1,4-Bromofluorobenzene	103	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

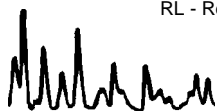
Project: DFSP NORWALK / 746441

Page 10 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-10	09-09-0809-22-E	09/10/09 10:46	Solid	GC/MS RR	09/10/09	09/12/09 19:53	090912L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4900	97.3		c-1,3-Dichloropropene	ND	97	97.3	
Benzene	ND	97	97.3		t-1,3-Dichloropropene	ND	190	97.3	
Bromobenzene	ND	97	97.3		Ethylbenzene	ND	97	97.3	
Bromochloromethane	ND	190	97.3		2-Hexanone	ND	1900	97.3	
Bromodichloromethane	ND	97	97.3		Isopropylbenzene	ND	97	97.3	
Bromoform	ND	490	97.3		p-Isopropyltoluene	560	97	97.3	
Bromomethane	ND	1900	97.3		Methylene Chloride	ND	970	97.3	
2-Butanone	ND	1900	97.3		4-Methyl-2-Pentanone	ND	1900	97.3	
n-Butylbenzene	ND	97	97.3		Naphthalene	ND	970	97.3	
sec-Butylbenzene	ND	97	97.3		n-Propylbenzene	ND	190	97.3	
tert-Butylbenzene	ND	97	97.3		Styrene	ND	97	97.3	
Carbon Disulfide	ND	970	97.3		1,1,1,2-Tetrachloroethane	ND	97	97.3	
Carbon Tetrachloride	ND	97	97.3		1,1,2,2-Tetrachloroethane	ND	190	97.3	
Chlorobenzene	ND	97	97.3		Tetrachloroethene	ND	97	97.3	
Chloroethane	ND	190	97.3		Toluene	ND	97	97.3	
Chloroform	ND	97	97.3		1,2,3-Trichlorobenzene	ND	190	97.3	
Chloromethane	ND	1900	97.3		1,2,4-Trichlorobenzene	ND	190	97.3	
2-Chlorotoluene	ND	97	97.3		1,1,1-Trichloroethane	ND	97	97.3	
4-Chlorotoluene	ND	97	97.3		1,1,2-Trichloroethane	ND	97	97.3	
Dibromochloromethane	ND	190	97.3		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	970	97.3	
1,2-Dibromo-3-Chloropropane	ND	490	97.3		Trichloroethene	ND	190	97.3	
1,2-Dibromoethane	ND	97	97.3		Trichlorofluoromethane	ND	970	97.3	
Dibromomethane	ND	97	97.3		1,2,3-Trichloropropane	ND	190	97.3	
1,2-Dichlorobenzene	ND	97	97.3		1,2,4-Trimethylbenzene	ND	190	97.3	
1,3-Dichlorobenzene	ND	97	97.3		1,3,5-Trimethylbenzene	1200	190	97.3	
1,4-Dichlorobenzene	ND	97	97.3		Vinyl Acetate	ND	970	97.3	
Dichlorodifluoromethane	ND	190	97.3		Vinyl Chloride	ND	97	97.3	
1,1-Dichloroethane	ND	97	97.3		p/m-Xylene	ND	190	97.3	
1,2-Dichloroethane	ND	97	97.3		o-Xylene	ND	97	97.3	
1,1-Dichloroethene	ND	97	97.3		Methyl-t-Butyl Ether (MTBE)	ND	190	97.3	
c-1,2-Dichloroethene	ND	97	97.3		Tert-Butyl Alcohol (TBA)	ND	1900	97.3	
t-1,2-Dichloroethene	ND	97	97.3		Diisopropyl Ether (DIPE)	ND	97	97.3	
1,2-Dichloropropane	ND	97	97.3		Ethyl-t-Butyl Ether (ETBE)	ND	97	97.3	
1,3-Dichloropropane	ND	97	97.3		Tert-Amyl-Methyl Ether (TAME)	ND	97	97.3	
2,2-Dichloropropane	ND	490	97.3		Ethanol	ND	49000	97.3	
1,1-Dichloropropene	ND	190	97.3						
<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	97	71-137			1,2-Dichloroethane-d4	97	58-160		
1,4-Bromofluorobenzene	119	66-126			Toluene-d8	102	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 11 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-15	09-09-0809-23-E	09/10/09 10:51	Solid	GC/MS RR	09/10/09	09/12/09 20:19	090912L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	55000	1100		c-1,3-Dichloropropene	ND	1100	1100	
Benzene	ND	1100	1100		t-1,3-Dichloropropene	ND	2200	1100	
Bromobenzene	ND	1100	1100		Ethylbenzene	ND	1100	1100	
Bromochloromethane	ND	2200	1100		2-Hexanone	ND	22000	1100	
Bromodichloromethane	ND	1100	1100		Isopropylbenzene	ND	1100	1100	
Bromoform	ND	5500	1100		p-Isopropyltoluene	3100	1100	1100	
Bromomethane	ND	22000	1100		Methylene Chloride	ND	11000	1100	
2-Butanone	ND	22000	1100		4-Methyl-2-Pentanone	ND	22000	1100	
n-Butylbenzene	ND	1100	1100		Naphthalene	ND	11000	1100	
sec-Butylbenzene	ND	1100	1100		n-Propylbenzene	ND	2200	1100	
tert-Butylbenzene	ND	1100	1100		Styrene	ND	1100	1100	
Carbon Disulfide	ND	11000	1100		1,1,1,2-Tetrachloroethane	ND	1100	1100	
Carbon Tetrachloride	ND	1100	1100		1,1,2,2-Tetrachloroethane	ND	2200	1100	
Chlorobenzene	ND	1100	1100		Tetrachloroethene	ND	1100	1100	
Chloroethane	ND	2200	1100		Toluene	ND	1100	1100	
Chloroform	ND	1100	1100		1,2,3-Trichlorobenzene	ND	2200	1100	
Chloromethane	ND	22000	1100		1,2,4-Trichlorobenzene	ND	2200	1100	
2-Chlorotoluene	ND	1100	1100		1,1,1-Trichloroethane	ND	1100	1100	
4-Chlorotoluene	ND	1100	1100		1,1,2-Trichloroethane	ND	1100	1100	
Dibromochloromethane	ND	2200	1100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11000	1100	
1,2-Dibromo-3-Chloropropane	ND	5500	1100		Trichloroethene	ND	2200	1100	
1,2-Dibromoethane	ND	1100	1100		Trichlorofluoromethane	ND	11000	1100	
Dibromomethane	ND	1100	1100		1,2,3-Trichloropropane	ND	2200	1100	
1,2-Dichlorobenzene	ND	1100	1100		1,2,4-Trimethylbenzene	5000	2200	1100	
1,3-Dichlorobenzene	ND	1100	1100		1,3,5-Trimethylbenzene	6300	2200	1100	
1,4-Dichlorobenzene	ND	1100	1100		Vinyl Acetate	ND	11000	1100	
Dichlorodifluoromethane	ND	2200	1100		Vinyl Chloride	ND	1100	1100	
1,1-Dichloroethane	ND	1100	1100		p/m-Xylene	ND	2200	1100	
1,2-Dichloroethane	ND	1100	1100		o-Xylene	ND	1100	1100	
1,1-Dichloroethene	ND	1100	1100		Methyl-t-Butyl Ether (MTBE)	ND	2200	1100	
c-1,2-Dichloroethene	ND	1100	1100		Tert-Butyl Alcohol (TBA)	ND	22000	1100	
t-1,2-Dichloroethene	ND	1100	1100		Diisopropyl Ether (DIPE)	ND	1100	1100	
1,2-Dichloropropane	ND	1100	1100		Ethyl-t-Butyl Ether (ETBE)	ND	1100	1100	
1,3-Dichloropropane	ND	1100	1100		Tert-Amyl-Methyl Ether (TAME)	ND	1100	1100	
2,2-Dichloropropane	ND	5500	1100		Ethanol	ND	550000	1100	
1,1-Dichloropropene	ND	2200	1100						
<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	98	71-137			1,2-Dichloroethane-d4	97	58-160		
1,4-Bromofluorobenzene	102	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

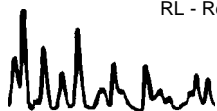
Project: DFSP NORWALK / 746441

Page 12 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-20	09-09-0809-24-C	09/10/09 10:58	Solid	GC/MS RR	09/10/09	09/12/09 17:47	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	46	0.926		c-1,3-Dichloropropene	ND	0.93	0.926	
Benzene	3.1	0.93	0.926		t-1,3-Dichloropropene	ND	1.9	0.926	
Bromobenzene	ND	0.93	0.926		Ethylbenzene	1.3	0.93	0.926	
Bromochloromethane	ND	1.9	0.926		2-Hexanone	ND	19	0.926	
Bromodichloromethane	ND	0.93	0.926		Isopropylbenzene	ND	0.93	0.926	
Bromoform	ND	4.6	0.926		p-Isopropyltoluene	ND	0.93	0.926	
Bromomethane	ND	19	0.926		Methylene Chloride	ND	9.3	0.926	
2-Butanone	ND	19	0.926		4-Methyl-2-Pentanone	ND	19	0.926	
n-Butylbenzene	1.1	0.93	0.926		Naphthalene	ND	9.3	0.926	
sec-Butylbenzene	1.5	0.93	0.926		n-Propylbenzene	ND	1.9	0.926	
tert-Butylbenzene	ND	0.93	0.926		Styrene	ND	0.93	0.926	
Carbon Disulfide	ND	9.3	0.926		1,1,1,2-Tetrachloroethane	ND	0.93	0.926	
Carbon Tetrachloride	ND	0.93	0.926		1,1,2,2-Tetrachloroethane	ND	1.9	0.926	
Chlorobenzene	ND	0.93	0.926		Tetrachloroethene	ND	0.93	0.926	
Chloroethane	ND	1.9	0.926		Toluene	1.0	0.93	0.926	
Chloroform	ND	0.93	0.926		1,2,3-Trichlorobenzene	ND	1.9	0.926	
Chloromethane	ND	19	0.926		1,2,4-Trichlorobenzene	ND	1.9	0.926	
2-Chlorotoluene	ND	0.93	0.926		1,1,1-Trichloroethane	ND	0.93	0.926	
4-Chlorotoluene	ND	0.93	0.926		1,1,2-Trichloroethane	ND	0.93	0.926	
Dibromochloromethane	ND	1.9	0.926		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.3	0.926	
1,2-Dibromo-3-Chloropropane	ND	4.6	0.926		Trichloroethene	ND	1.9	0.926	
1,2-Dibromoethane	ND	0.93	0.926		Trichlorofluoromethane	ND	9.3	0.926	
Dibromomethane	ND	0.93	0.926		1,2,3-Trichloropropane	ND	1.9	0.926	
1,2-Dichlorobenzene	ND	0.93	0.926		1,2,4-Trimethylbenzene	3.0	1.9	0.926	
1,3-Dichlorobenzene	ND	0.93	0.926		1,3,5-Trimethylbenzene	ND	1.9	0.926	
1,4-Dichlorobenzene	ND	0.93	0.926		Vinyl Acetate	ND	9.3	0.926	
Dichlorodifluoromethane	ND	1.9	0.926		Vinyl Chloride	ND	0.93	0.926	
1,1-Dichloroethane	ND	0.93	0.926		p/m-Xylene	ND	1.9	0.926	
1,2-Dichloroethane	ND	0.93	0.926		o-Xylene	3.4	0.93	0.926	
1,1-Dichloroethene	ND	0.93	0.926		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.926	
c-1,2-Dichloroethene	ND	0.93	0.926		Tert-Butyl Alcohol (TBA)	ND	19	0.926	
t-1,2-Dichloroethene	ND	0.93	0.926		Diisopropyl Ether (DIPE)	ND	0.93	0.926	
1,2-Dichloropropane	ND	0.93	0.926		Ethyl-t-Butyl Ether (ETBE)	ND	0.93	0.926	
1,3-Dichloropropane	ND	0.93	0.926		Tert-Amyl-Methyl Ether (TAME)	ND	0.93	0.926	
2,2-Dichloropropane	ND	4.6	0.926		Ethanol	ND	460	0.926	
1,1-Dichloropropene	ND	1.9	0.926						
<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	105	71-137			1,2-Dichloroethane-d4	111	58-160		
1,4-Bromofluorobenzene	102	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

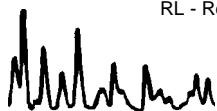
Project: DFSP NORWALK / 746441

Page 13 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-17-25	09-09-0809-25-E	09/10/09 11:06	Solid	GC/MS RR	09/10/09	09/12/09 20:44	090912L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4800	95.2		c-1,3-Dichloropropene	ND	95	95.2	
Benzene	ND	95	95.2		t-1,3-Dichloropropene	ND	190	95.2	
Bromobenzene	ND	95	95.2		Ethylbenzene	ND	95	95.2	
Bromochloromethane	ND	190	95.2		2-Hexanone	ND	1900	95.2	
Bromodichloromethane	ND	95	95.2		Isopropylbenzene	ND	95	95.2	
Bromoform	ND	480	95.2		p-Isopropyltoluene	ND	95	95.2	
Bromomethane	ND	1900	95.2		Methylene Chloride	ND	950	95.2	
2-Butanone	ND	1900	95.2		4-Methyl-2-Pentanone	ND	1900	95.2	
n-Butylbenzene	230	95	95.2		Naphthalene	ND	950	95.2	
sec-Butylbenzene	170	95	95.2		n-Propylbenzene	ND	190	95.2	
tert-Butylbenzene	ND	95	95.2		Styrene	ND	95	95.2	
Carbon Disulfide	ND	950	95.2		1,1,1,2-Tetrachloroethane	ND	95	95.2	
Carbon Tetrachloride	ND	95	95.2		1,1,2,2-Tetrachloroethane	ND	190	95.2	
Chlorobenzene	ND	95	95.2		Tetrachloroethene	ND	95	95.2	
Chloroethane	ND	190	95.2		Toluene	ND	95	95.2	
Chloroform	ND	95	95.2		1,2,3-Trichlorobenzene	ND	190	95.2	
Chloromethane	ND	1900	95.2		1,2,4-Trichlorobenzene	ND	190	95.2	
2-Chlorotoluene	ND	95	95.2		1,1,1-Trichloroethane	ND	95	95.2	
4-Chlorotoluene	ND	95	95.2		1,1,2-Trichloroethane	ND	95	95.2	
Dibromochloromethane	ND	190	95.2		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	950	95.2	
1,2-Dibromo-3-Chloropropane	ND	480	95.2		Trichloroethene	ND	190	95.2	
1,2-Dibromoethane	ND	95	95.2		Trichlorofluoromethane	ND	950	95.2	
Dibromomethane	ND	95	95.2		1,2,3-Trichloropropane	ND	190	95.2	
1,2-Dichlorobenzene	ND	95	95.2		1,2,4-Trimethylbenzene	ND	190	95.2	
1,3-Dichlorobenzene	ND	95	95.2		1,3,5-Trimethylbenzene	ND	190	95.2	
1,4-Dichlorobenzene	ND	95	95.2		Vinyl Acetate	ND	950	95.2	
Dichlorodifluoromethane	ND	190	95.2		Vinyl Chloride	ND	95	95.2	
1,1-Dichloroethane	ND	95	95.2		p/m-Xylene	ND	190	95.2	
1,2-Dichloroethane	ND	95	95.2		o-Xylene	ND	95	95.2	
1,1-Dichloroethene	ND	95	95.2		Methyl-t-Butyl Ether (MTBE)	ND	190	95.2	
c-1,2-Dichloroethene	ND	95	95.2		Tert-Butyl Alcohol (TBA)	ND	1900	95.2	
t-1,2-Dichloroethene	ND	95	95.2		Diisopropyl Ether (DIPE)	ND	95	95.2	
1,2-Dichloropropane	ND	95	95.2		Ethyl-t-Butyl Ether (ETBE)	ND	95	95.2	
1,3-Dichloropropane	ND	95	95.2		Tert-Amyl-Methyl Ether (TAME)	ND	95	95.2	
2,2-Dichloropropane	ND	480	95.2		Ethanol	ND	48000	95.2	
1,1-Dichloropropene	ND	190	95.2						
<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	96	71-137		1,2-Dichloroethane-d4	96	58-160			
1,4-Bromofluorobenzene	103	66-126		Toluene-d8	101	87-111			

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





## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg


Project: DFSP NORWALK / 746441

Page 14 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-18-15	09-09-0809-28-C	09/10/09 11:39	Solid	GC/MS RR	09/10/09	09/12/09 18:12	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	52	1.04		c-1,3-Dichloropropene	ND	1.0	1.04	
Benzene	ND	1.0	1.04		t-1,3-Dichloropropene	ND	2.1	1.04	
Bromobenzene	ND	1.0	1.04		Ethylbenzene	ND	1.0	1.04	
Bromochloromethane	ND	2.1	1.04		2-Hexanone	ND	21	1.04	
Bromodichloromethane	ND	1.0	1.04		Isopropylbenzene	ND	1.0	1.04	
Bromoform	ND	5.2	1.04		p-Isopropyltoluene	ND	1.0	1.04	
Bromomethane	ND	21	1.04		Methylene Chloride	ND	10	1.04	
2-Butanone	ND	21	1.04		4-Methyl-2-Pentanone	ND	21	1.04	
n-Butylbenzene	ND	1.0	1.04		Naphthalene	ND	10	1.04	
sec-Butylbenzene	ND	1.0	1.04		n-Propylbenzene	ND	2.1	1.04	
tert-Butylbenzene	ND	1.0	1.04		Styrene	ND	1.0	1.04	
Carbon Disulfide	ND	10	1.04		1,1,1,2-Tetrachloroethane	ND	1.0	1.04	
Carbon Tetrachloride	ND	1.0	1.04		1,1,2,2-Tetrachloroethane	ND	2.1	1.04	
Chlorobenzene	ND	1.0	1.04		Tetrachloroethene	ND	1.0	1.04	
Chloroethane	ND	2.1	1.04		Toluene	ND	1.0	1.04	
Chloroform	ND	1.0	1.04		1,2,3-Trichlorobenzene	ND	2.1	1.04	
Chloromethane	ND	21	1.04		1,2,4-Trichlorobenzene	ND	2.1	1.04	
2-Chlorotoluene	ND	1.0	1.04		1,1,1-Trichloroethane	ND	1.0	1.04	
4-Chlorotoluene	ND	1.0	1.04		1,1,2-Trichloroethane	ND	1.0	1.04	
Dibromochloromethane	ND	2.1	1.04		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1.04	
1,2-Dibromo-3-Chloropropane	ND	5.2	1.04		Trichloroethene	ND	2.1	1.04	
1,2-Dibromoethane	ND	1.0	1.04		Trichlorofluoromethane	ND	10	1.04	
Dibromomethane	ND	1.0	1.04		1,2,3-Trichloropropane	ND	2.1	1.04	
1,2-Dichlorobenzene	ND	1.0	1.04		1,2,4-Trimethylbenzene	ND	2.1	1.04	
1,3-Dichlorobenzene	ND	1.0	1.04		1,3,5-Trimethylbenzene	ND	2.1	1.04	
1,4-Dichlorobenzene	ND	1.0	1.04		Vinyl Acetate	ND	10	1.04	
Dichlorodifluoromethane	ND	2.1	1.04		Vinyl Chloride	ND	1.0	1.04	
1,1-Dichloroethane	ND	1.0	1.04		p/m-Xylene	ND	2.1	1.04	
1,2-Dichloroethane	ND	1.0	1.04		o-Xylene	ND	1.0	1.04	
1,1-Dichloroethene	ND	1.0	1.04		Methyl-t-Butyl Ether (MTBE)	ND	2.1	1.04	
c-1,2-Dichloroethene	ND	1.0	1.04		Tert-Butyl Alcohol (TBA)	ND	21	1.04	
t-1,2-Dichloroethene	ND	1.0	1.04		Diisopropyl Ether (DIPE)	ND	1.0	1.04	
1,2-Dichloropropane	ND	1.0	1.04		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1.04	
1,3-Dichloropropane	ND	1.0	1.04		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1.04	
2,2-Dichloropropane	ND	5.2	1.04		Ethanol	ND	520	1.04	
1,1-Dichloropropene	ND	2.1	1.04						
<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	71-137			1,2-Dichloroethane-d4	108	58-160		
1,4-Bromofluorobenzene	101	66-126			Toluene-d8	99	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 15 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-18-20	09-09-0809-29-E	09/10/09 11:43	Solid	GC/MS OO	09/10/09	09/16/09 17:10	090916L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4300	85.5		c-1,3-Dichloropropene	ND	86	85.5	
Benzene	ND	86	85.5		t-1,3-Dichloropropene	ND	170	85.5	
Bromobenzene	ND	86	85.5		Ethylbenzene	ND	86	85.5	
Bromochloromethane	ND	170	85.5		2-Hexanone	ND	1700	85.5	
Bromodichloromethane	ND	86	85.5		Isopropylbenzene	ND	86	85.5	
Bromoform	ND	430	85.5		p-Isopropyltoluene	ND	86	85.5	
Bromomethane	ND	1700	85.5		Methylene Chloride	ND	860	85.5	
2-Butanone	ND	1700	85.5		4-Methyl-2-Pentanone	ND	1700	85.5	
n-Butylbenzene	87	86	85.5		Naphthalene	ND	860	85.5	
sec-Butylbenzene	ND	86	85.5		n-Propylbenzene	ND	170	85.5	
tert-Butylbenzene	ND	86	85.5		Styrene	ND	86	85.5	
Carbon Disulfide	ND	860	85.5		1,1,1,2-Tetrachloroethane	ND	86	85.5	
Carbon Tetrachloride	ND	86	85.5		1,1,2,2-Tetrachloroethane	ND	170	85.5	
Chlorobenzene	ND	86	85.5		Tetrachloroethene	ND	86	85.5	
Chloroethane	ND	170	85.5		Toluene	ND	86	85.5	
Chloroform	ND	86	85.5		1,2,3-Trichlorobenzene	ND	170	85.5	
Chloromethane	ND	1700	85.5		1,2,4-Trichlorobenzene	ND	170	85.5	
2-Chlorotoluene	ND	86	85.5		1,1,1-Trichloroethane	ND	86	85.5	
4-Chlorotoluene	ND	86	85.5		1,1,2-Trichloroethane	ND	86	85.5	
Dibromochloromethane	ND	170	85.5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	860	85.5	
1,2-Dibromo-3-Chloropropane	ND	430	85.5		Trichloroethene	ND	170	85.5	
1,2-Dibromoethane	ND	86	85.5		Trichlorofluoromethane	ND	860	85.5	
Dibromomethane	ND	86	85.5		1,2,3-Trichloropropane	ND	170	85.5	
1,2-Dichlorobenzene	ND	86	85.5		1,2,4-Trimethylbenzene	230	170	85.5	
1,3-Dichlorobenzene	ND	86	85.5		1,3,5-Trimethylbenzene	ND	170	85.5	
1,4-Dichlorobenzene	ND	86	85.5		Vinyl Acetate	ND	860	85.5	
Dichlorodifluoromethane	ND	170	85.5		Vinyl Chloride	ND	86	85.5	
1,1-Dichloroethane	ND	86	85.5		p/m-Xylene	ND	170	85.5	
1,2-Dichloroethane	ND	86	85.5		o-Xylene	ND	86	85.5	
1,1-Dichloroethene	ND	86	85.5		Methyl-t-Butyl Ether (MTBE)	ND	170	85.5	
c-1,2-Dichloroethene	ND	86	85.5		Tert-Butyl Alcohol (TBA)	ND	1700	85.5	
t-1,2-Dichloroethene	ND	86	85.5		Diisopropyl Ether (DIPE)	ND	86	85.5	
1,2-Dichloropropane	ND	86	85.5		Ethyl-t-Butyl Ether (ETBE)	ND	86	85.5	
1,3-Dichloropropane	ND	86	85.5		Tert-Amyl-Methyl Ether (TAME)	ND	86	85.5	
2,2-Dichloropropane	ND	430	85.5		Ethanol	ND	43000	85.5	
1,1-Dichloropropene	ND	170	85.5						
<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	107	71-137			1,2-Dichloroethane-d4	105	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg


Project: DFSP NORWALK / 746441

Page 16 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-10	09-09-0809-32-E	09/10/09 12:16	Solid	GC/MS OO	09/10/09	09/15/09 22:42	090915L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	4300	86.4		c-1,3-Dichloropropene	ND	86	86.4	
Benzene	ND	86	86.4		t-1,3-Dichloropropene	ND	170	86.4	
Bromobenzene	ND	86	86.4		Ethylbenzene	ND	86	86.4	
Bromochloromethane	ND	170	86.4		2-Hexanone	ND	1700	86.4	
Bromodichloromethane	ND	86	86.4		Isopropylbenzene	ND	86	86.4	
Bromoform	ND	430	86.4		p-Isopropyltoluene	100	86	86.4	
Bromomethane	ND	1700	86.4		Methylene Chloride	ND	860	86.4	
2-Butanone	ND	1700	86.4		4-Methyl-2-Pentanone	ND	1700	86.4	
n-Butylbenzene	ND	86	86.4		Naphthalene	ND	860	86.4	
sec-Butylbenzene	ND	86	86.4		n-Propylbenzene	ND	170	86.4	
tert-Butylbenzene	ND	86	86.4		Styrene	ND	86	86.4	
Carbon Disulfide	ND	860	86.4		1,1,1,2-Tetrachloroethane	ND	86	86.4	
Carbon Tetrachloride	ND	86	86.4		1,1,2,2-Tetrachloroethane	ND	170	86.4	
Chlorobenzene	ND	86	86.4		Tetrachloroethene	ND	86	86.4	
Chloroethane	ND	170	86.4		Toluene	320	86	86.4	
Chloroform	ND	86	86.4		1,2,3-Trichlorobenzene	ND	170	86.4	
Chloromethane	ND	1700	86.4		1,2,4-Trichlorobenzene	ND	170	86.4	
2-Chlorotoluene	ND	86	86.4		1,1,1-Trichloroethane	ND	86	86.4	
4-Chlorotoluene	ND	86	86.4		1,1,2-Trichloroethane	ND	86	86.4	
Dibromochloromethane	ND	170	86.4		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	860	86.4	
1,2-Dibromo-3-Chloropropane	ND	430	86.4		Trichloroethene	ND	170	86.4	
1,2-Dibromoethane	ND	86	86.4		Trichlorofluoromethane	ND	860	86.4	
Dibromomethane	ND	86	86.4		1,2,3-Trichloropropane	ND	170	86.4	
1,2-Dichlorobenzene	ND	86	86.4		1,2,4-Trimethylbenzene	ND	170	86.4	
1,3-Dichlorobenzene	ND	86	86.4		1,3,5-Trimethylbenzene	ND	170	86.4	
1,4-Dichlorobenzene	ND	86	86.4		Vinyl Acetate	ND	860	86.4	
Dichlorodifluoromethane	ND	170	86.4		Vinyl Chloride	ND	86	86.4	
1,1-Dichloroethane	ND	86	86.4		p/m-Xylene	470	170	86.4	
1,2-Dichloroethane	ND	86	86.4		o-Xylene	98	86	86.4	
1,1-Dichloroethene	ND	86	86.4		Methyl-t-Butyl Ether (MTBE)	ND	170	86.4	
c-1,2-Dichloroethene	ND	86	86.4		Tert-Butyl Alcohol (TBA)	ND	1700	86.4	
t-1,2-Dichloroethene	ND	86	86.4		Diisopropyl Ether (DIPE)	ND	86	86.4	
1,2-Dichloropropane	ND	86	86.4		Ethyl-t-Butyl Ether (ETBE)	ND	86	86.4	
1,3-Dichloropropane	ND	86	86.4		Tert-Amyl-Methyl Ether (TAME)	ND	86	86.4	
2,2-Dichloropropane	ND	430	86.4		Ethanol	ND	43000	86.4	
1,1-Dichloropropene	ND	170	86.4						
<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	92	71-137			1,2-Dichloroethane-d4	88	58-160		
1,4-Bromofluorobenzene	102	66-126			Toluene-d8	98	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 17 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-15	09-09-0809-33-C	09/10/09 12:21	Solid	GC/MS RR	09/10/09	09/12/09 18:38	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	54	1.09		c-1,3-Dichloropropene	ND	1.1	1.09	
Benzene	ND	1.1	1.09		t-1,3-Dichloropropene	ND	2.2	1.09	
Bromobenzene	ND	1.1	1.09		Ethylbenzene	ND	1.1	1.09	
Bromochloromethane	ND	2.2	1.09		2-Hexanone	ND	22	1.09	
Bromodichloromethane	ND	1.1	1.09		Isopropylbenzene	ND	1.1	1.09	
Bromoform	ND	5.4	1.09		p-Isopropyltoluene	ND	1.1	1.09	
Bromomethane	ND	22	1.09		Methylene Chloride	ND	11	1.09	
2-Butanone	ND	22	1.09		4-Methyl-2-Pentanone	ND	22	1.09	
n-Butylbenzene	ND	1.1	1.09		Naphthalene	ND	11	1.09	
sec-Butylbenzene	ND	1.1	1.09		n-Propylbenzene	ND	2.2	1.09	
tert-Butylbenzene	ND	1.1	1.09		Styrene	ND	1.1	1.09	
Carbon Disulfide	ND	11	1.09		1,1,1,2-Tetrachloroethane	ND	1.1	1.09	
Carbon Tetrachloride	ND	1.1	1.09		1,1,2,2-Tetrachloroethane	ND	2.2	1.09	
Chlorobenzene	ND	1.1	1.09		Tetrachloroethene	ND	1.1	1.09	
Chloroethane	ND	2.2	1.09		Toluene	ND	1.1	1.09	
Chloroform	ND	1.1	1.09		1,2,3-Trichlorobenzene	ND	2.2	1.09	
Chloromethane	ND	22	1.09		1,2,4-Trichlorobenzene	ND	2.2	1.09	
2-Chlorotoluene	ND	1.1	1.09		1,1,1-Trichloroethane	ND	1.1	1.09	
4-Chlorotoluene	ND	1.1	1.09		1,1,2-Trichloroethane	ND	1.1	1.09	
Dibromochloromethane	ND	2.2	1.09		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	1.09	
1,2-Dibromo-3-Chloropropane	ND	5.4	1.09		Trichloroethene	ND	2.2	1.09	
1,2-Dibromoethane	ND	1.1	1.09		Trichlorofluoromethane	ND	11	1.09	
Dibromomethane	ND	1.1	1.09		1,2,3-Trichloropropane	ND	2.2	1.09	
1,2-Dichlorobenzene	ND	1.1	1.09		1,2,4-Trimethylbenzene	ND	2.2	1.09	
1,3-Dichlorobenzene	ND	1.1	1.09		1,3,5-Trimethylbenzene	ND	2.2	1.09	
1,4-Dichlorobenzene	ND	1.1	1.09		Vinyl Acetate	ND	11	1.09	
Dichlorodifluoromethane	ND	2.2	1.09		Vinyl Chloride	ND	1.1	1.09	
1,1-Dichloroethane	ND	1.1	1.09		p/m-Xylene	ND	2.2	1.09	
1,2-Dichloroethane	ND	1.1	1.09		o-Xylene	ND	1.1	1.09	
1,1-Dichloroethene	ND	1.1	1.09		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.09	
c-1,2-Dichloroethene	ND	1.1	1.09		Tert-Butyl Alcohol (TBA)	ND	22	1.09	
t-1,2-Dichloroethene	ND	1.1	1.09		Diisopropyl Ether (DIPE)	ND	1.1	1.09	
1,2-Dichloropropane	ND	1.1	1.09		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.09	
1,3-Dichloropropane	ND	1.1	1.09		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.09	
2,2-Dichloropropane	ND	5.4	1.09		Ethanol	ND	540	1.09	
1,1-Dichloropropene	ND	2.2	1.09						
<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	71-137			1,2-Dichloroethane-d4	107	58-160		
1,4-Bromofluorobenzene	101	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

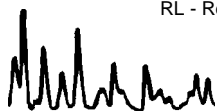
Project: DFSP NORWALK / 746441

Page 18 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DPT-19-20	09-09-0809-34-C	09/10/09 12:27	Solid	GC/MS RR	09/10/09	09/12/09 19:03	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	40	0.806		c-1,3-Dichloropropene	ND	0.81	0.806	
Benzene	1.2	0.81	0.806		t-1,3-Dichloropropene	ND	1.6	0.806	
Bromobenzene	ND	0.81	0.806		Ethylbenzene	ND	0.81	0.806	
Bromochloromethane	ND	1.6	0.806		2-Hexanone	ND	16	0.806	
Bromodichloromethane	ND	0.81	0.806		Isopropylbenzene	ND	0.81	0.806	
Bromoform	ND	4.0	0.806		p-Isopropyltoluene	ND	0.81	0.806	
Bromomethane	ND	16	0.806		Methylene Chloride	ND	8.1	0.806	
2-Butanone	ND	16	0.806		4-Methyl-2-Pentanone	ND	16	0.806	
n-Butylbenzene	ND	0.81	0.806		Naphthalene	ND	8.1	0.806	
sec-Butylbenzene	ND	0.81	0.806		n-Propylbenzene	ND	1.6	0.806	
tert-Butylbenzene	ND	0.81	0.806		Styrene	ND	0.81	0.806	
Carbon Disulfide	ND	8.1	0.806		1,1,1,2-Tetrachloroethane	ND	0.81	0.806	
Carbon Tetrachloride	ND	0.81	0.806		1,1,2,2-Tetrachloroethane	ND	1.6	0.806	
Chlorobenzene	ND	0.81	0.806		Tetrachloroethene	ND	0.81	0.806	
Chloroethane	ND	1.6	0.806		Toluene	0.84	0.81	0.806	
Chloroform	ND	0.81	0.806		1,2,3-Trichlorobenzene	ND	1.6	0.806	
Chloromethane	ND	16	0.806		1,2,4-Trichlorobenzene	ND	1.6	0.806	
2-Chlorotoluene	ND	0.81	0.806		1,1,1-Trichloroethane	ND	0.81	0.806	
4-Chlorotoluene	ND	0.81	0.806		1,1,2-Trichloroethane	ND	0.81	0.806	
Dibromochloromethane	ND	1.6	0.806		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.1	0.806	
1,2-Dibromo-3-Chloropropane	ND	4.0	0.806		Trichloroethene	ND	1.6	0.806	
1,2-Dibromoethane	ND	0.81	0.806		Trichlorofluoromethane	ND	8.1	0.806	
Dibromomethane	ND	0.81	0.806		1,2,3-Trichloropropane	ND	1.6	0.806	
1,2-Dichlorobenzene	ND	0.81	0.806		1,2,4-Trimethylbenzene	ND	1.6	0.806	
1,3-Dichlorobenzene	ND	0.81	0.806		1,3,5-Trimethylbenzene	ND	1.6	0.806	
1,4-Dichlorobenzene	ND	0.81	0.806		Vinyl Acetate	ND	8.1	0.806	
Dichlorodifluoromethane	ND	1.6	0.806		Vinyl Chloride	ND	0.81	0.806	
1,1-Dichloroethane	ND	0.81	0.806		p/m-Xylene	ND	1.6	0.806	
1,2-Dichloroethane	ND	0.81	0.806		o-Xylene	ND	0.81	0.806	
1,1-Dichloroethene	ND	0.81	0.806		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.806	
c-1,2-Dichloroethene	ND	0.81	0.806		Tert-Butyl Alcohol (TBA)	ND	16	0.806	
t-1,2-Dichloroethene	ND	0.81	0.806		Diisopropyl Ether (DIPE)	ND	0.81	0.806	
1,2-Dichloropropane	ND	0.81	0.806		Ethyl-t-Butyl Ether (ETBE)	ND	0.81	0.806	
1,3-Dichloropropane	ND	0.81	0.806		Tert-Amyl-Methyl Ether (TAME)	ND	0.81	0.806	
2,2-Dichloropropane	ND	4.0	0.806		Ethanol	ND	400	0.806	
1,1-Dichloropropene	ND	1.6	0.806						
<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	71-137			1,2-Dichloroethane-d4	111	58-160		
1,4-Bromofluorobenzene	102	66-126			Toluene-d8	101	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

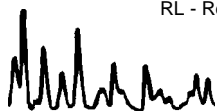
Project: DFSP NORWALK / 746441

Page 19 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,168	N/A	Solid	GC/MS RR	09/12/09	09/12/09 12:44	090912L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	1.0	1	
Benzene	ND	1.0	1		t-1,3-Dichloropropene	ND	2.0	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	2.0	1		2-Hexanone	ND	20	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	20	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	20	1		4-Methyl-2-Pentanone	ND	20	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	2.0	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	1.0	1		1,1,2,2-Tetrachloroethane	ND	2.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	2.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	2.0	1	
Chloromethane	ND	20	1		1,2,4-Trichlorobenzene	ND	2.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
Dibromochloromethane	ND	2.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	2.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	2.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	2.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	2.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	2.0	1		Vinyl Chloride	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	2.0	1	
1,2-Dichloroethane	ND	1.0	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	
2,2-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
1,1-Dichloropropene	ND	2.0	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	71-137			1,2-Dichloroethane-d4	106	58-160		
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	102	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

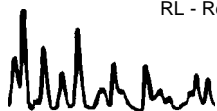
Project: DFSP NORWALK / 746441

Page 20 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,172	N/A	Solid	GC/MS RR	09/12/09	09/12/09 12:19	090912L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	104	58-160		
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	100	87-111		

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



## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

Project: DFSP NORWALK / 746441

Page 21 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,177	N/A	Solid	GC/MS OO	09/15/09	09/15/09 14:14	090915L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	107	71-137			1,2-Dichloroethane-d4	101	58-160		
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	100	87-111		

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





## Analytical Report



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

Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B  
Units: ug/kg

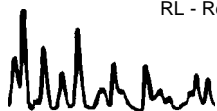
Project: DFSP NORWALK / 746441

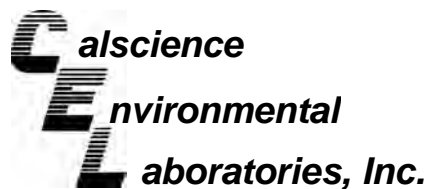
Page 22 of 22

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-025-18,178	N/A	Solid	GC/MS OO	09/16/09	09/16/09 13:58	090916L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	5000	100		c-1,3-Dichloropropene	ND	100	100	
Benzene	ND	100	100		t-1,3-Dichloropropene	ND	200	100	
Bromobenzene	ND	100	100		Ethylbenzene	ND	100	100	
Bromochloromethane	ND	200	100		2-Hexanone	ND	2000	100	
Bromodichloromethane	ND	100	100		Isopropylbenzene	ND	100	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	100	100	
Bromomethane	ND	2000	100		Methylene Chloride	ND	1000	100	
2-Butanone	ND	2000	100		4-Methyl-2-Pentanone	ND	2000	100	
n-Butylbenzene	ND	100	100		Naphthalene	ND	1000	100	
sec-Butylbenzene	ND	100	100		n-Propylbenzene	ND	200	100	
tert-Butylbenzene	ND	100	100		Styrene	ND	100	100	
Carbon Disulfide	ND	1000	100		1,1,1,2-Tetrachloroethane	ND	100	100	
Carbon Tetrachloride	ND	100	100		1,1,2,2-Tetrachloroethane	ND	200	100	
Chlorobenzene	ND	100	100		Tetrachloroethene	ND	100	100	
Chloroethane	ND	200	100		Toluene	ND	100	100	
Chloroform	ND	100	100		1,2,3-Trichlorobenzene	ND	200	100	
Chloromethane	ND	2000	100		1,2,4-Trichlorobenzene	ND	200	100	
2-Chlorotoluene	ND	100	100		1,1,1-Trichloroethane	ND	100	100	
4-Chlorotoluene	ND	100	100		1,1,2-Trichloroethane	ND	100	100	
Dibromochloromethane	ND	200	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	100	
1,2-Dibromo-3-Chloropropane	ND	500	100		Trichloroethene	ND	200	100	
1,2-Dibromoethane	ND	100	100		Trichlorofluoromethane	ND	1000	100	
Dibromomethane	ND	100	100		1,2,3-Trichloropropane	ND	200	100	
1,2-Dichlorobenzene	ND	100	100		1,2,4-Trimethylbenzene	ND	200	100	
1,3-Dichlorobenzene	ND	100	100		1,3,5-Trimethylbenzene	ND	200	100	
1,4-Dichlorobenzene	ND	100	100		Vinyl Acetate	ND	1000	100	
Dichlorodifluoromethane	ND	200	100		Vinyl Chloride	ND	100	100	
1,1-Dichloroethane	ND	100	100		p/m-Xylene	ND	200	100	
1,2-Dichloroethane	ND	100	100		o-Xylene	ND	100	100	
1,1-Dichloroethene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
c-1,2-Dichloroethene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
t-1,2-Dichloroethene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
1,2-Dichloropropane	ND	100	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
1,3-Dichloropropane	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	
2,2-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
1,1-Dichloropropene	ND	200	100						
<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	71-137			1,2-Dichloroethane-d4	101	58-160		
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	100	87-111		

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





## Quality Control - Spike/Spike Duplicate



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

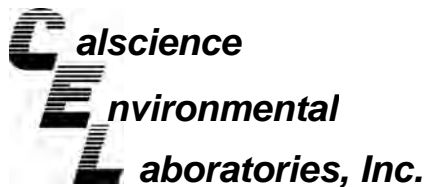
Date Received: 09/10/09  
Work Order No: 09-09-0809  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
DPT-15-5	Solid	GC 47	09/11/09	09/12/09	090911S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as JP5	101	100	64-130	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

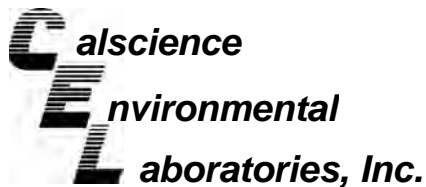
Date Received: N/A  
Work Order No: 09-09-0809  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-295-30	Solid	GC 47	09/11/09	09/12/09	090911B02

<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 JP5	104	102	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

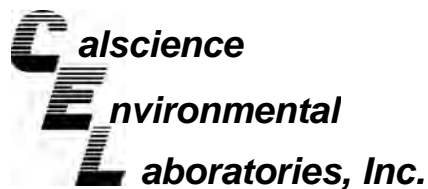
Date Received: N/A  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,668	Solid	GC 11	09/11/09	09/11/09	090911B02

<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	85	90	55-139	6	0-18	

RPD - Relative Percent Difference , CL - Control Limit



**Quality Control - LCS/LCS Duplicate**



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

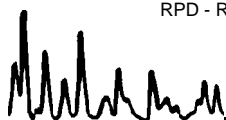
Date Received: N/A  
 Work Order No: 09-09-0809  
 Preparation: EPA 5035  
 Method: EPA 8015B (M)

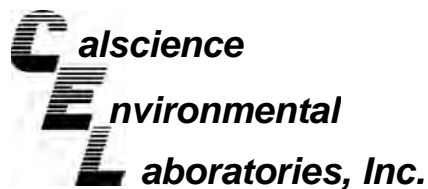
Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,667	Solid	GC 11	09/14/09	09/14/09	090914B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	89	90	55-139	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



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

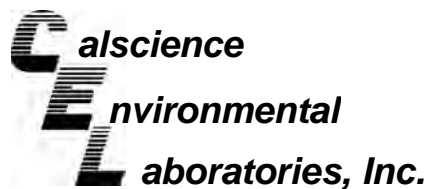
Date Received: N/A  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,671	Solid	GC 11	09/14/09	09/14/09	090914B02

<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	89	90	55-139	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



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

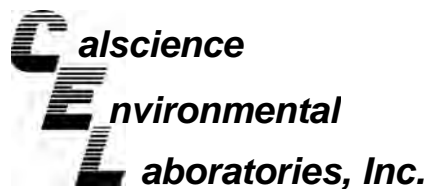
Date Received: N/A  
Work Order No: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,673	Solid	GC 11	09/14/09	09/15/09	090914B04

<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	88	85	55-139	3	0-18	

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: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8015B (M)

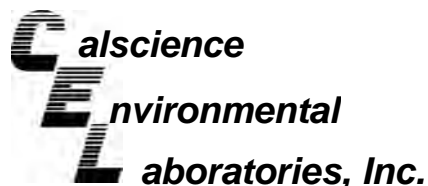
Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-285-1,675	Solid	GC 11	09/15/09	09/15/09	090915B01

<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	88	87	55-139	2	0-18	

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: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,168	Solid	GC/MS RR	09/12/09	09/12/09	090912L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	98	101	85-115	80-120	3	0-11	
Carbon Tetrachloride	106	107	68-134	57-145	1	0-14	
Chlorobenzene	100	102	83-119	77-125	2	0-9	
1,2-Dibromoethane	104	102	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	96	98	57-135	44-148	1	0-10	
1,1-Dichloroethene	75	69	72-120	64-128	9	0-10	ME
Ethylbenzene	103	106	80-120	73-127	3	0-20	
Toluene	99	100	67-127	57-137	1	0-10	
Trichloroethene	100	101	88-112	84-116	1	0-9	
Vinyl Chloride	90	94	57-129	45-141	4	0-16	
Methyl-t-Butyl Ether (MTBE)	108	105	76-124	68-132	3	0-12	
Tert-Butyl Alcohol (TBA)	111	90	31-145	12-164	20	0-23	
Diisopropyl Ether (DIPE)	103	102	74-128	65-137	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	111	111	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	114	112	81-123	74-130	1	0-10	
Ethanol	68	58	44-152	26-170	16	0-24	

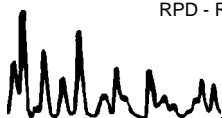
Total number of LCS compounds : 16

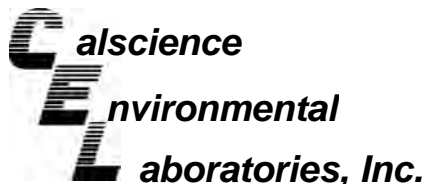
Total number of ME compounds : 1

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,172	Solid	GC/MS RR	09/12/09	09/12/09	090912L02		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	98	101	85-115	80-120	3	0-11	
Carbon Tetrachloride	106	107	68-134	57-145	1	0-14	
Chlorobenzene	100	102	83-119	77-125	2	0-9	
1,2-Dibromoethane	104	102	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	96	98	57-135	44-148	1	0-10	
1,1-Dichloroethene	75	69	72-120	64-128	9	0-10	ME
Ethylbenzene	103	106	80-120	73-127	3	0-20	
Toluene	99	100	67-127	57-137	1	0-10	
Trichloroethene	100	101	88-112	84-116	1	0-9	
Vinyl Chloride	90	94	57-129	45-141	4	0-16	
Methyl-t-Butyl Ether (MTBE)	108	105	76-124	68-132	3	0-12	
Tert-Butyl Alcohol (TBA)	111	90	31-145	12-164	20	0-23	
Diisopropyl Ether (DIPE)	103	102	74-128	65-137	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	111	111	77-125	69-133	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	114	112	81-123	74-130	1	0-10	
Ethanol	68	58	44-152	26-170	16	0-24	

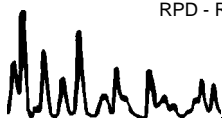
Total number of LCS compounds : 16

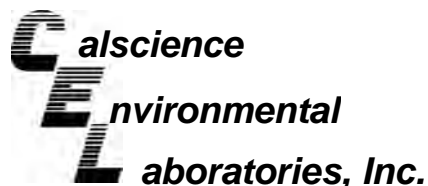
Total number of ME compounds : 1

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,177	Solid	GC/MS OO	09/15/09	09/15/09	090915L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	103	100	85-115	80-120	2	0-11	
Carbon Tetrachloride	123	118	68-134	57-145	3	0-14	
Chlorobenzene	96	94	83-119	77-125	2	0-9	
1,2-Dibromoethane	103	100	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	94	93	57-135	44-148	1	0-10	
1,1-Dichloroethene	107	101	72-120	64-128	6	0-10	
Ethylbenzene	96	92	80-120	73-127	3	0-20	
Toluene	100	98	67-127	57-137	2	0-10	
Trichloroethene	100	99	88-112	84-116	1	0-9	
Vinyl Chloride	115	111	57-129	45-141	4	0-16	
Methyl-t-Butyl Ether (MTBE)	105	101	76-124	68-132	5	0-12	
Tert-Butyl Alcohol (TBA)	87	98	31-145	12-164	12	0-23	
Diisopropyl Ether (DIPE)	104	100	74-128	65-137	4	0-10	
Ethyl-t-Butyl Ether (ETBE)	103	99	77-125	69-133	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	103	102	81-123	74-130	1	0-10	
Ethanol	84	95	44-152	26-170	13	0-24	

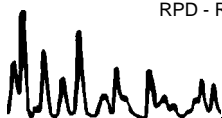
Total number of LCS compounds : 16

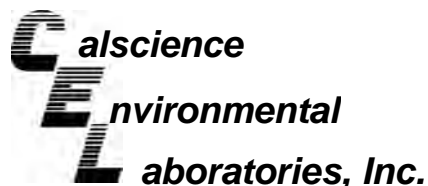
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

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: 09-09-0809  
Preparation: EPA 5035  
Method: EPA 8260B

Project: DFSP NORWALK / 746441

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-025-18,178	Solid	GC/MS OO	09/16/09	09/16/09	090916L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	100	98	85-115	80-120	1	0-11	
Carbon Tetrachloride	122	123	68-134	57-145	1	0-14	
Chlorobenzene	94	94	83-119	77-125	0	0-9	
1,2-Dibromoethane	99	102	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	92	92	57-135	44-148	0	0-10	
1,1-Dichloroethene	104	106	72-120	64-128	2	0-10	
Ethylbenzene	93	93	80-120	73-127	1	0-20	
Toluene	98	97	67-127	57-137	1	0-10	
Trichloroethene	96	96	88-112	84-116	1	0-9	
Vinyl Chloride	112	110	57-129	45-141	2	0-16	
Methyl-t-Butyl Ether (MTBE)	102	105	76-124	68-132	4	0-12	
Tert-Butyl Alcohol (TBA)	98	92	31-145	12-164	6	0-23	
Diisopropyl Ether (DIPE)	100	101	74-128	65-137	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	103	77-125	69-133	2	0-9	
Tert-Amyl-Methyl Ether (TAME)	101	103	81-123	74-130	2	0-10	
Ethanol	88	88	44-152	26-170	1	0-24	

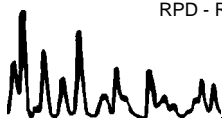
Total number of LCS compounds : 16

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

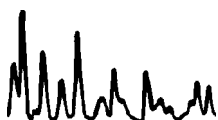


## Glossary of Terms and Qualifiers



Work Order Number: 09-09-0809

<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.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.  Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.













# Calscience Environmental Laboratories, Inc.

SoCal Laboratory  
 7440 Lincoln Way  
 Garden Grove, CA 92841-1427  
 (714) 895-5494

NorCal Service Center  
 5063 Commercial Circle, Suite H  
 Concord, CA 94520-8577  
 (925) 689-9022

## CHAIN OF CUSTODY RECORD

Date 09.10.09  
 Page 4 of 4

LABORATORY CLIENT: <u>Parsons</u>		CLIENT PROJECT NAME / NUMBER: <u>DFSP-Norwalk</u>		P.O. NO.:																	
ADDRESS: <u>100 W. Walnut Street</u>		PROJECT CONTACT: <u>Mary Lucas</u>		LAB USE ONLY: <input type="checkbox"/> 9 - 0 <input type="checkbox"/> 8 <input type="checkbox"/> 0 <input type="checkbox"/> 9																	
CITY: <u>Pasadena</u> STATE: <u>CA</u> ZIP: <u>91124</u>		SAMPLER(S): (PRINT) <u>Mary Lucas</u>		COOLER RECEIPT: _____																	
TEL: <u>626-665-8336</u> E-MAIL: <u>mary.lucas@parsons.com</u>		COELT LOG CODE: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		TEMP= _____ °C																	
TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> STANDARD		<b>REQUESTED ANALYSES</b>																			
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING FORMS <input type="checkbox"/> COELT EDF <input type="checkbox"/>																					
SPECIAL INSTRUCTIONS: _____																					
LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g) or (C6-C36) or (C6-C44)	TPH (as SP-5)	BTEX / MTBE (8260B) or ( )	VOCs (8260B)	Oxygenates (8260B)	Encore Prep (5035)	SVOCs (8270C)	Pesticides (8081A)	PCBs (8082)	PNAs (8310) or (8270C)	T22 Metals (6010B/747X)	Cr(VI) [7196A or 7199 or 218.6]	VOCs (TO-14A) or (TO-15)	TPH (g) [TO-3]+	
31	DPT-19-5		09-10-09	12/4	Soil	1	X	X		X											X
32	DPT-19-10			12/6		6	X	X		X											
33	DPT-19-15			12/21		6	X	X		X											
34	DPT-19-20			12/27		6	X	X		X											
35	DPT-19-20			12/37		1	X	X		X											X
Relinquished by: (Signature) <u>Quinn Kinnebrew</u>		Received by: (Signature/Affiliation) <u>[Signature]</u>		Date: <u>9/10/09</u>		Time: <u>16:55</u>						Date: <u>9/10/09</u>		Time: <u>17:40</u>							
Relinquished by: (Signature) <u>[Signature]</u>		Received by: (Signature/Affiliation) <u>Dannye cel</u>		Date: _____		Time: _____						Date: _____		Time: _____							
Relinquished by: (Signature) _____		Received by: (Signature/Affiliation) _____		Date: _____		Time: _____						Date: _____		Time: _____							

DISTRIBUTION: White with final report, Green and Yellow to Client.  
 Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

**SAMPLE RECEIPT FORM**

Cooler 1 of 1

CLIENT: Parsons

DATE: 9/10/19

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 3.8°C - 0.2°C (CF) = 36°C  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:  Air  Filter  Metals Only  PCBs Only Initial: [Signature]

**CUSTODY SEALS INTACT:**

Cooler  \_\_\_\_\_  No (Not Intact)  Not Present  N/A Initial: [Signature]

Sample  \_\_\_\_\_  No (Not Intact)  Not Present Initial: [Signature]

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

**Solid:**  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve  EnCores®  TerraCores®  \_\_\_\_\_

**Water:**  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub>

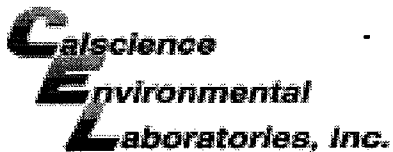
500AGB  500AGJ  500AGJ<sub>s</sub>  250AGB  250CGB  250CGB<sub>s</sub>  1PB  500PB  500PB<sub>na</sub>

250PB  250PB<sub>n</sub>  125PB  125PB<sub>zanna</sub>  100PJ  100PJ<sub>na2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Air:**  Tedlar®  Summa®  \_\_\_\_\_ **Other:**  \_\_\_\_\_ **Checked/Labeled by:** [Signature]

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** [Signature]

**Preservative:** h: HCL n: HNO3 na<sub>2</sub>: Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> zanna: ZnAc<sub>2</sub>+NaOH f: Field-filtered **Scanned by:** [Signature]



WORK ORDER #: 09-09-0809

# SAMPLE ANOMALY FORM

**SAMPLES - CONTAINERS & LABELS:**

**Comments:**

- Samples NOT RECEIVED but listed on COC
- Samples received but NOT LISTED on COC
- Holding time expired – list sample ID(s) and test
- Insufficient quantities for analysis – list test
- Improper container(s)/preservative used – list test
- No preservative noted on COC or label – list test & notify lab
- Sample labels illegible – note test/container type
- Sample labels do not match COC – Note in comments
  - Sample ID
  - Date and/or Time Collected
  - Project Information
  - # of Containers
  - Analysis
- Sample containers compromised – Note in comments
  - Leaking
  - Broken
  - Without Labels
- Air sample containers compromised – Note in comments
  - Flat
  - Very low in volume
  - Leaking (transferred into Calscience Tedlar® Bag\*)
  - Leaking (transferred into Client's Tedlar® Bag\*)
- Other: \_\_\_\_\_

(-35) Labeled as DPT-19-25  
9/10/09 @ 12:37

**HEADSPACE – Containers with Bubble > 6mm or ¼ inch:**

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of RSK or CO <sub>2</sub> or DO Received

Comments: \_\_\_\_\_

\*Transferred at Client's request.

Initial / Date BF 9/10/09