# APPENDIX D

# LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS APRIL/MAY 2007 SEMI-ANNUAL MONITORING EVENT

# APPENDIX D

# LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS APRIL/MAY 2007 SEMI-ANNUAL MONITORING EVENT

Calscience
Environmental
Laboratories, Inc.

May 10, 2007

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

Subject: **Calscience Work Order No.:** **07-05-0323**
**Client Reference:** **DFSP NORWALK / 743447-02000**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/3/2007 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,

Ranjit K. K. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/03/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-61-0507** | **07-05-0323-1** | **05/02/07** | **Aqueous** | **GC 11** | **05/05/07** | **05/05/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 11000 | 2500 | 25 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 88 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-60-0507** | **07-05-0323-2** | **05/02/07** | **Aqueous** | **GC 11** | **05/05/07** | **05/05/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 2800 | 2000 | 20 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 88 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-47-0507** | **07-05-0323-4** | **05/02/07** | **Aqueous** | **GC 11** | **05/05/07** | **05/05/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 86 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-57-0507** | **07-05-0323-5** | **05/02/07** | **Aqueous** | **GC 11** | **05/05/07** | **05/06/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 120 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 97 | 38-134 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-58-0507** | **07-05-0323-6** | **05/02/07** | **Aqueous** | **GC 11** | **05/05/07** | **05/06/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 2200 | 1000 | 10 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 95 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-59-0507** | **07-05-0323-7** | **05/02/07** | **Aqueous** | **GC 11** | **05/05/07** | **05/06/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 4800 | 1000 | 10 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 93 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EXP-1-0507** | **07-05-0323-9** | **05/02/07** | **Aqueous** | **GC 11** | **05/05/07** | **05/06/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 84 | 38-134 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-247-646** | **N/A** | **Aqueous** | **GC 11** | **05/05/07** | **05/05/07** | **070505B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 83 | 38-134 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-61-0507 | 07-05-0323-1 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 3000 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 109 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-60-0507 | 07-05-0323-2 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 630 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 98 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-13-0507 | 07-05-0323-3 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 103 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-47-0507 | 07-05-0323-4 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 320 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 83 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/03/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-57-0507 | 07-05-0323-5 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 720 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 90 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-58-0507 | 07-05-0323-6 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 2500 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 100 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-59-0507 | 07-05-0323-7 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 7400 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 107 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-17-0507 | 07-05-0323-8 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 97 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| EXP-1-0507 | 07-05-0323-9 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 68-140 | |

| GMW-45-0507 | 07-05-0323-10 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 1500 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 68-140 | |

| GMW-56-0507 | 07-05-0323-11 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 90 | 68-140 | |

| GMW-06-0507 | 07-05-0323-12 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 93 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-15-0507 | 07-05-0323-13 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 710 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-23M-0507 | 07-05-0323-14 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 340 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-16-0507 | 07-05-0323-15 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-06-0507 | 07-05-0323-16 | 05/02/07 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 103 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-22M-0507** | **07-05-0323-17** | **05/02/07** | **Aqueous** | **GC 23** | **05/04/07** | **05/05/07** | **070504B12** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 200 | 100 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| Decachlorobiphenyl | 101 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-17DUP-0507** | **07-05-0323-18** | **05/02/07** | **Aqueous** | **GC 23** | **05/04/07** | **05/05/07** | **070504B12** |

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

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-15DUP-0507** | **07-05-0323-19** | **05/02/07** | **Aqueous** | **GC 23** | **05/04/07** | **05/05/07** | **070504B12** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 740 | 100 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| Decachlorobiphenyl | 114 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-382-6** | **N/A** | **Aqueous** | **GC 23** | **05/04/07** | **05/05/07** | **070504B12** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| Decachlorobiphenyl | 70 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-45-0507** | **07-05-0323-10** | **05/02/07** | **Aqueous** | **GC 8** | **05/09/07** | **05/09/07** | **070509B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 37 | 0.50 | 1 | | Xylenes (total) | 3.0 | 1.0 | 1 | |
| Toluene | 0.56 | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | 11 | 5.0 | 1 | |
| Ethylbenzene | 2.0 | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 155 | 70-130 | | 2 | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-06-0507** | **07-05-0323-12** | **05/02/07** | **Aqueous** | **GC 8** | **05/09/07** | **05/09/07** | **070509B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.58 | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | 0.54 | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 104 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-15-0507** | **07-05-0323-13** | **05/02/07** | **Aqueous** | **GC 8** | **05/09/07** | **05/09/07** | **070509B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | 1.2 | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 99 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-23M-0507** | **07-05-0323-14** | **05/02/07** | **Aqueous** | **GC 8** | **05/09/07** | **05/10/07** | **070509B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 96 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-16-0507** | **07-05-0323-15** | **05/02/07** | **Aqueous** | **GC 8** | **05/09/07** | **05/10/07** | **070509B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 101 | 70-130 | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-15DUP-0507** | **07-05-0323-19** | **05/02/07** | **Aqueous** | **GC 8** | **05/09/07** | **05/10/07** | **070509B01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 104 | 70-130 | |

| Method Blank | 099-12-283-123 | N/A | Aqueous | GC 8 | 05/09/07 | 05/09/07 | 070509B01 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| 1,4-Bromofluorobenzene | 106 | 70-130 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-61-0507 | 07-05-0323-1 | 05/02/07 | Aqueous | GC/MS L | 05/07/07 | 05/07/07 | 070507L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 500 | 10 | | c-1,3-Dichloropropene | ND | 5.0 | 10 | |
| Benzene | 1600 | 5.0 | 10 | | t-1,3-Dichloropropene | ND | 5.0 | 10 | |
| Bromobenzene | ND | 10 | 10 | | Ethylbenzene | 290 | 5.0 | 10 | |
| Bromochloromethane | ND | 10 | 10 | | 2-Hexanone | ND | 100 | 10 | |
| Bromodichloromethane | ND | 10 | 10 | | Isopropylbenzene | 81 | 10 | 10 | |
| Bromoform | ND | 10 | 10 | | p-Isopropyltoluene | ND | 10 | 10 | |
| Bromomethane | ND | 50 | 10 | | Methylene Chloride | ND | 50 | 10 | |
| 2-Butanone | ND | 100 | 10 | | 4-Methyl-2-Pentanone | ND | 100 | 10 | |
| n-Butylbenzene | ND | 10 | 10 | | Naphthalene | 110 | 100 | 10 | |
| sec-Butylbenzene | ND | 10 | 10 | | n-Propylbenzene | 84 | 10 | 10 | |
| tert-Butylbenzene | ND | 10 | 10 | | Styrene | ND | 10 | 10 | |
| Carbon Disulfide | ND | 100 | 10 | | 1,1,1,2-Tetrachloroethane | ND | 10 | 10 | |
| Carbon Tetrachloride | ND | 5.0 | 10 | | 1,1,2,2-Tetrachloroethane | ND | 10 | 10 | |
| Chlorobenzene | ND | 10 | 10 | | Tetrachloroethene | ND | 10 | 10 | |
| Chloroethane | ND | 10 | 10 | | Toluene | 27 | 5.0 | 10 | |
| Chloroform | ND | 10 | 10 | | 1,2,3-Trichlorobenzene | ND | 10 | 10 | |
| Chloromethane | ND | 50 | 10 | | 1,2,4-Trichlorobenzene | ND | 10 | 10 | |
| 2-Chlorotoluene | ND | 10 | 10 | | 1,1,1-Trichloroethane | ND | 10 | 10 | |
| 4-Chlorotoluene | ND | 10 | 10 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 100 | 10 | |
| Dibromochloromethane | ND | 10 | 10 | | 1,1,2-Trichloroethane | ND | 10 | 10 | |
| 1,2-Dibromo-3-Chloropropane | ND | 50 | 10 | | Trichloroethene | ND | 10 | 10 | |
| 1,2-Dibromoethane | ND | 10 | 10 | | Trichlorofluoromethane | ND | 100 | 10 | |
| Dibromomethane | ND | 10 | 10 | | 1,2,3-Trichloropropane | ND | 50 | 10 | |
| 1,2-Dichlorobenzene | ND | 10 | 10 | | 1,2,4-Trimethylbenzene | 110 | 10 | 10 | |
| 1,3-Dichlorobenzene | ND | 10 | 10 | | 1,3,5-Trimethylbenzene | 120 | 10 | 10 | |
| 1,4-Dichlorobenzene | ND | 10 | 10 | | Vinyl Acetate | ND | 100 | 10 | |
| Dichlorodifluoromethane | ND | 10 | 10 | | Vinyl Chloride | ND | 5.0 | 10 | |
| 1,1-Dichloroethane | ND | 10 | 10 | | p/m-Xylene | 1800 | 5.0 | 10 | |
| 1,2-Dichloroethane | ND | 5.0 | 10 | | o-Xylene | 290 | 5.0 | 10 | |
| 1,1-Dichloroethene | ND | 10 | 10 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 10 | |
| c-1,2-Dichloroethene | ND | 10 | 10 | | Tert-Butyl Alcohol (TBA) | ND | 100 | 10 | |
| t-1,2-Dichloroethene | ND | 10 | 10 | | Diisopropyl Ether (DIPE) | ND | 20 | 10 | |
| 1,2-Dichloropropane | ND | 10 | 10 | | Ethyl-t-Butyl Ether (ETBE) | ND | 20 | 10 | |
| 1,3-Dichloropropane | ND | 10 | 10 | | Tert-Amyl-Methyl Ether (TAME) | ND | 20 | 10 | |
| 2,2-Dichloropropane | ND | 10 | 10 | | Ethanol | ND | 1000 | 10 | |
| 1,1-Dichloropropene | ND | 10 | 10 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 120 | 74-140 | | 1,2-Dichloroethane-d4 | 132 | 74-146 | |
| Toluene-d8 | 103 | 88-112 | | 1,4-Bromofluorobenzene | 101 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-60-0507** | **07-05-0323-2** | **05/02/07** | **Aqueous** | **GC/MS L** | **05/07/07** | **05/07/07** | **070507L01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 250 | 5 | | c-1,3-Dichloropropene | ND | 2.5 | 5 | |
| Benzene | 300 | 2.5 | 5 | | t-1,3-Dichloropropene | ND | 2.5 | 5 | |
| Bromobenzene | ND | 5.0 | 5 | | Ethylbenzene | 18 | 2.5 | 5 | |
| Bromochloromethane | ND | 5.0 | 5 | | 2-Hexanone | ND | 50 | 5 | |
| Bromodichloromethane | ND | 5.0 | 5 | | Isopropylbenzene | 45 | 5.0 | 5 | |
| Bromoform | ND | 5.0 | 5 | | p-Isopropyltoluene | ND | 5.0 | 5 | |
| Bromomethane | ND | 25 | 5 | | Methylene Chloride | ND | 25 | 5 | |
| 2-Butanone | ND | 50 | 5 | | 4-Methyl-2-Pentanone | ND | 50 | 5 | |
| n-Butylbenzene | ND | 5.0 | 5 | | Naphthalene | 75 | 50 | 5 | |
| sec-Butylbenzene | 7.2 | 5.0 | 5 | | n-Propylbenzene | 51 | 5.0 | 5 | |
| tert-Butylbenzene | ND | 5.0 | 5 | | Styrene | ND | 5.0 | 5 | |
| Carbon Disulfide | ND | 50 | 5 | | 1,1,1,2-Tetrachloroethane | ND | 5.0 | 5 | |
| Carbon Tetrachloride | ND | 2.5 | 5 | | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 5 | |
| Chlorobenzene | ND | 5.0 | 5 | | Tetrachloroethene | ND | 5.0 | 5 | |
| Chloroethane | ND | 5.0 | 5 | | Toluene | ND | 2.5 | 5 | |
| Chloroform | ND | 5.0 | 5 | | 1,2,3-Trichlorobenzene | ND | 5.0 | 5 | |
| Chloromethane | ND | 25 | 5 | | 1,2,4-Trichlorobenzene | ND | 5.0 | 5 | |
| 2-Chlorotoluene | ND | 5.0 | 5 | | 1,1,1-Trichloroethane | ND | 5.0 | 5 | |
| 4-Chlorotoluene | ND | 5.0 | 5 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 5 | |
| Dibromochloromethane | ND | 5.0 | 5 | | 1,1,2-Trichloroethane | ND | 5.0 | 5 | |
| 1,2-Dibromo-3-Chloropropane | ND | 25 | 5 | | Trichloroethene | ND | 5.0 | 5 | |
| 1,2-Dibromoethane | ND | 5.0 | 5 | | Trichlorofluoromethane | ND | 50 | 5 | |
| Dibromomethane | ND | 5.0 | 5 | | 1,2,3-Trichloropropane | ND | 25 | 5 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 5 | | 1,2,4-Trimethylbenzene | ND | 5.0 | 5 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 5 | | 1,3,5-Trimethylbenzene | ND | 5.0 | 5 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 5 | | Vinyl Acetate | ND | 50 | 5 | |
| Dichlorodifluoromethane | ND | 5.0 | 5 | | Vinyl Chloride | ND | 2.5 | 5 | |
| 1,1-Dichloroethane | ND | 5.0 | 5 | | p/m-Xylene | 13 | 2.5 | 5 | |
| 1,2-Dichloroethane | ND | 2.5 | 5 | | o-Xylene | 10 | 2.5 | 5 | |
| 1,1-Dichloroethene | ND | 5.0 | 5 | | Methyl-t-Butyl Ether (MTBE) | ND | 2.5 | 5 | |
| c-1,2-Dichloroethene | ND | 5.0 | 5 | | Tert-Butyl Alcohol (TBA) | ND | 50 | 5 | |
| t-1,2-Dichloroethene | ND | 5.0 | 5 | | Diisopropyl Ether (DIPE) | ND | 10 | 5 | |
| 1,2-Dichloropropane | ND | 5.0 | 5 | | Ethyl-t-Butyl Ether (ETBE) | ND | 10 | 5 | |
| 1,3-Dichloropropane | ND | 5.0 | 5 | | Tert-Amyl-Methyl Ether (TAME) | ND | 10 | 5 | |
| 2,2-Dichloropropane | ND | 5.0 | 5 | | Ethanol | ND | 500 | 5 | |
| 1,1-Dichloropropene | ND | 5.0 | 5 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 119 | 74-140 | | 1,2-Dichloroethane-d4 | 129 | 74-146 | |
| Toluene-d8 | 105 | 88-112 | | 1,4-Bromofluorobenzene | 98 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-13-0507 | 07-05-0323-3 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 108 | 74-140 | | 1,2-Dichloroethane-d4 | 109 | 74-146 | |
| Toluene-d8 | 100 | 88-112 | | 1,4-Bromofluorobenzene | 93 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-47-0507 | 07-05-0323-4 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | 4.8 | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | ND | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 109 | 74-140 | | 1,2-Dichloroethane-d4 | 111 | 74-146 | |
| Toluene-d8 | 100 | 88-112 | | 1,4-Bromofluorobenzene | 92 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/03/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |
| | | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-57-0507 | 07-05-0323-5 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | ND | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | 4.1 | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 115 | 74-140 | | 1,2-Dichloroethane-d4 | 117 | 74-146 | |
| Toluene-d8 | 101 | 88-112 | | 1,4-Bromofluorobenzene | 98 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-58-0507 | 07-05-0323-6 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 100 | 2 | | c-1,3-Dichloropropene | ND | 1.0 | 2 | |
| Benzene | 320 | 1.0 | 2 | | t-1,3-Dichloropropene | ND | 1.0 | 2 | |
| Bromobenzene | ND | 2.0 | 2 | | Ethylbenzene | 9.5 | 1.0 | 2 | |
| Bromochloromethane | ND | 2.0 | 2 | | 2-Hexanone | ND | 20 | 2 | |
| Bromodichloromethane | ND | 2.0 | 2 | | Isopropylbenzene | 48 | 2.0 | 2 | |
| Bromoform | ND | 2.0 | 2 | | p-Isopropyltoluene | 4.5 | 2.0 | 2 | |
| Bromomethane | ND | 10 | 2 | | Methylene Chloride | ND | 10 | 2 | |
| 2-Butanone | ND | 20 | 2 | | 4-Methyl-2-Pentanone | ND | 20 | 2 | |
| n-Butylbenzene | ND | 2.0 | 2 | | Naphthalene | ND | 20 | 2 | |
| sec-Butylbenzene | 7.3 | 2.0 | 2 | | n-Propylbenzene | 30 | 2.0 | 2 | |
| tert-Butylbenzene | ND | 2.0 | 2 | | Styrene | ND | 2.0 | 2 | |
| Carbon Disulfide | ND | 20 | 2 | | 1,1,1,2-Tetrachloroethane | ND | 2.0 | 2 | |
| Carbon Tetrachloride | ND | 1.0 | 2 | | 1,1,2,2-Tetrachloroethane | ND | 2.0 | 2 | |
| Chlorobenzene | ND | 2.0 | 2 | | Tetrachloroethene | ND | 2.0 | 2 | |
| Chloroethane | ND | 2.0 | 2 | | Toluene | ND | 1.0 | 2 | |
| Chloroform | ND | 2.0 | 2 | | 1,2,3-Trichlorobenzene | ND | 2.0 | 2 | |
| Chloromethane | ND | 10 | 2 | | 1,2,4-Trichlorobenzene | ND | 2.0 | 2 | |
| 2-Chlorotoluene | ND | 2.0 | 2 | | 1,1,1-Trichloroethane | ND | 2.0 | 2 | |
| 4-Chlorotoluene | ND | 2.0 | 2 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 20 | 2 | |
| Dibromochloromethane | ND | 2.0 | 2 | | 1,1,2-Trichloroethane | ND | 2.0 | 2 | |
| 1,2-Dibromo-3-Chloropropane | ND | 10 | 2 | | Trichloroethene | ND | 2.0 | 2 | |
| 1,2-Dibromoethane | ND | 2.0 | 2 | | Trichlorofluoromethane | ND | 20 | 2 | |
| Dibromomethane | ND | 2.0 | 2 | | 1,2,3-Trichloropropane | ND | 10 | 2 | |
| 1,2-Dichlorobenzene | ND | 2.0 | 2 | | 1,2,4-Trimethylbenzene | 3.2 | 2.0 | 2 | |
| 1,3-Dichlorobenzene | ND | 2.0 | 2 | | 1,3,5-Trimethylbenzene | 3.4 | 2.0 | 2 | |
| 1,4-Dichlorobenzene | ND | 2.0 | 2 | | Vinyl Acetate | ND | 20 | 2 | |
| Dichlorodifluoromethane | ND | 2.0 | 2 | | Vinyl Chloride | ND | 1.0 | 2 | |
| 1,1-Dichloroethane | ND | 2.0 | 2 | | p/m-Xylene | 2.4 | 1.0 | 2 | |
| 1,2-Dichloroethane | ND | 1.0 | 2 | | o-Xylene | ND | 1.0 | 2 | |
| 1,1-Dichloroethene | ND | 2.0 | 2 | | Methyl-t-Butyl Ether (MTBE) | ND | 1.0 | 2 | |
| c-1,2-Dichloroethene | ND | 2.0 | 2 | | Tert-Butyl Alcohol (TBA) | ND | 20 | 2 | |
| t-1,2-Dichloroethene | ND | 2.0 | 2 | | Diisopropyl Ether (DIPE) | ND | 4.0 | 2 | |
| 1,2-Dichloropropane | ND | 2.0 | 2 | | Ethyl-t-Butyl Ether (ETBE) | ND | 4.0 | 2 | |
| 1,3-Dichloropropane | ND | 2.0 | 2 | | Tert-Amyl-Methyl Ether (TAME) | ND | 4.0 | 2 | |
| 2,2-Dichloropropane | ND | 2.0 | 2 | | Ethanol | ND | 200 | 2 | |
| 1,1-Dichloropropene | ND | 2.0 | 2 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 115 | 74-140 | | 1,2-Dichloroethane-d4 | 120 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 98 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-59-0507 | 07-05-0323-7 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 250 | 5 | | c-1,3-Dichloropropene | ND | 2.5 | 5 | |
| Benzene | 1100 | 5.0 | 10 | | t-1,3-Dichloropropene | ND | 2.5 | 5 | |
| Bromobenzene | ND | 5.0 | 5 | | Ethylbenzene | ND | 2.5 | 5 | |
| Bromochloromethane | ND | 5.0 | 5 | | 2-Hexanone | ND | 50 | 5 | |
| Bromodichloromethane | ND | 5.0 | 5 | | Isopropylbenzene | 24 | 5.0 | 5 | |
| Bromoform | ND | 5.0 | 5 | | p-Isopropyltoluene | ND | 5.0 | 5 | |
| Bromomethane | ND | 25 | 5 | | Methylene Chloride | ND | 25 | 5 | |
| 2-Butanone | ND | 50 | 5 | | 4-Methyl-2-Pentanone | ND | 50 | 5 | |
| n-Butylbenzene | ND | 5.0 | 5 | | Naphthalene | ND | 50 | 5 | |
| sec-Butylbenzene | ND | 5.0 | 5 | | n-Propylbenzene | 24 | 5.0 | 5 | |
| tert-Butylbenzene | ND | 5.0 | 5 | | Styrene | ND | 5.0 | 5 | |
| Carbon Disulfide | ND | 50 | 5 | | 1,1,1,2-Tetrachloroethane | ND | 5.0 | 5 | |
| Carbon Tetrachloride | ND | 2.5 | 5 | | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 5 | |
| Chlorobenzene | ND | 5.0 | 5 | | Tetrachloroethene | ND | 5.0 | 5 | |
| Chloroethane | ND | 5.0 | 5 | | Toluene | ND | 2.5 | 5 | |
| Chloroform | ND | 5.0 | 5 | | 1,2,3-Trichlorobenzene | ND | 5.0 | 5 | |
| Chloromethane | ND | 25 | 5 | | 1,2,4-Trichlorobenzene | ND | 5.0 | 5 | |
| 2-Chlorotoluene | ND | 5.0 | 5 | | 1,1,1-Trichloroethane | ND | 5.0 | 5 | |
| 4-Chlorotoluene | ND | 5.0 | 5 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 50 | 5 | |
| Dibromochloromethane | ND | 5.0 | 5 | | 1,1,2-Trichloroethane | ND | 5.0 | 5 | |
| 1,2-Dibromo-3-Chloropropane | ND | 25 | 5 | | Trichloroethene | ND | 5.0 | 5 | |
| 1,2-Dibromoethane | ND | 5.0 | 5 | | Trichlorofluoromethane | ND | 50 | 5 | |
| Dibromomethane | ND | 5.0 | 5 | | 1,2,3-Trichloropropane | ND | 25 | 5 | |
| 1,2-Dichlorobenzene | ND | 5.0 | 5 | | 1,2,4-Trimethylbenzene | ND | 5.0 | 5 | |
| 1,3-Dichlorobenzene | ND | 5.0 | 5 | | 1,3,5-Trimethylbenzene | ND | 5.0 | 5 | |
| 1,4-Dichlorobenzene | ND | 5.0 | 5 | | Vinyl Acetate | ND | 50 | 5 | |
| Dichlorodifluoromethane | ND | 5.0 | 5 | | Vinyl Chloride | ND | 2.5 | 5 | |
| 1,1-Dichloroethane | ND | 5.0 | 5 | | p/m-Xylene | ND | 2.5 | 5 | |
| 1,2-Dichloroethane | ND | 2.5 | 5 | | o-Xylene | ND | 2.5 | 5 | |
| 1,1-Dichloroethene | ND | 5.0 | 5 | | Methyl-t-Butyl Ether (MTBE) | ND | 2.5 | 5 | |
| c-1,2-Dichloroethene | ND | 5.0 | 5 | | Tert-Butyl Alcohol (TBA) | ND | 50 | 5 | |
| t-1,2-Dichloroethene | ND | 5.0 | 5 | | Diisopropyl Ether (DIPE) | ND | 10 | 5 | |
| 1,2-Dichloropropane | ND | 5.0 | 5 | | Ethyl-t-Butyl Ether (ETBE) | ND | 10 | 5 | |
| 1,3-Dichloropropane | ND | 5.0 | 5 | | Tert-Amyl-Methyl Ether (TAME) | ND | 10 | 5 | |
| 2,2-Dichloropropane | ND | 5.0 | 5 | | Ethanol | ND | 500 | 5 | |
| 1,1-Dichloropropene | ND | 5.0 | 5 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 112 | 74-140 | | 1,2-Dichloroethane-d4 | 116 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 95 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-17-0507 | 07-05-0323-8 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 114 | 74-140 | | 1,2-Dichloroethane-d4 | 121 | 74-146 | |
| Toluene-d8 | 99 | 88-112 | | 1,4-Bromofluorobenzene | 92 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| EXP-1-0507 | 07-05-0323-9 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 120 | 74-140 | | 1,2-Dichloroethane-d4 | 127 | 74-146 | |
| Toluene-d8 | 101 | 88-112 | | 1,4-Bromofluorobenzene | 90 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-56-0507 | 07-05-0323-11 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 122 | 74-140 | | 1,2-Dichloroethane-d4 | 132 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 91 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-06-0507 | 07-05-0323-16 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 125 | 74-140 | | 1,2-Dichloroethane-d4 | 136 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 89 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-22M-0507** | **07-05-0323-17** | **05/02/07** | **Aqueous** | **GC/MS L** | **05/08/07** | **05/08/07** | **070508L01** |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | ND | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | ND | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | 4.4 | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 14 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | 17 | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 125 | 74-140 | | 1,2-Dichloroethane-d4 | 137 | 74-146 | |
| Toluene-d8 | 104 | 88-112 | | 1,4-Bromofluorobenzene | 89 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-17DUP-0507 | 07-05-0323-18 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 126 | 74-140 | | 1,2-Dichloroethane-d4 | 140 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 87 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| TRIP BLANK-0504 | 07-05-0323-20 | 05/02/07 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 130 | 74-140 | | 1,2-Dichloroethane-d4 | 138 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 89 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-006-21,290** | **N/A** | **Aqueous** | **GC/MS L** | **05/07/07** | **05/07/07** | **070507L01** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 105 | 74-140 | | 1,2-Dichloroethane-d4 | 104 | 74-146 | |
| Toluene-d8 | 100 | 88-112 | | 1,4-Bromofluorobenzene | 93 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-006-21,295** | **N/A** | **Aqueous** | **GC/MS L** | **05/08/07** | **05/08/07** | **070508L01** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 122 | 74-140 | | 1,2-Dichloroethane-d4 | 127 | 74-146 | |
| Toluene-d8 | 100 | 88-112 | | 1,4-Bromofluorobenzene | 90 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-006-21,308** | **N/A** | **Aqueous** | **GC/MS L** | **05/09/07** | **05/09/07** | **070509L01** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 114 | 74-140 | | 1,2-Dichloroethane-d4 | 118 | 74-146 | |
| Toluene-d8 | 100 | 88-112 | | 1,4-Bromofluorobenzene | 93 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | |
|---|---|
| Parsons, Inc. | Date Received: 05/03/07 |
| 100 West Walnut Street | Work Order No: 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: EPA 5030B |
| | Method: EPA 8015B (M) |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0427-5 | Aqueous | GC 11 | 05/05/07 | 05/05/07 | 070505S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 108 | 105 | 68-122 | 3 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| GMW-45-0507 | Aqueous | GC 8 | 05/09/07 | 05/09/07 | 070509S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 98 | 101 | 57-129 | 2 | 0-23 | |
| Toluene | 102 | 104 | 50-134 | 2 | 0-26 | |
| Ethylbenzene | 102 | 103 | 58-130 | 1 | 0-26 | |
| p/m-Xylene | 101 | 102 | 58-130 | 1 | 0-28 | |
| o-Xylene | 101 | 102 | 57-123 | 0 | 0-26 | |
| Methyl-t-Butyl Ether (MTBE) | 86 | 97 | 44-134 | 11 | 0-27 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/03/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0428-1 | Aqueous | GC/MS L | 05/07/07 | 05/07/07 | 070507S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 104 | 103 | 88-118 | 1 | 0-7 | |
| Carbon Tetrachloride | 110 | 110 | 67-145 | 0 | 0-11 | |
| Chlorobenzene | 110 | 109 | 88-118 | 1 | 0-7 | |
| 1,2-Dichlorobenzene | 108 | 106 | 86-116 | 2 | 0-8 | |
| 1,1-Dichloroethene | 93 | 95 | 70-130 | 1 | 0-25 | |
| Toluene | 113 | 114 | 87-123 | 1 | 0-8 | |
| Trichloroethene | 110 | 109 | 79-127 | 1 | 0-10 | |
| Vinyl Chloride | 102 | 104 | 69-129 | 2 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 109 | 107 | 71-131 | 1 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 115 | 120 | 36-168 | 1 | 0-45 | |
| Diisopropyl Ether (DIPE) | 110 | 109 | 81-123 | 1 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 109 | 109 | 72-126 | 1 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 111 | 110 | 72-126 | 1 | 0-12 | |
| Ethanol | 111 | 105 | 53-149 | 5 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

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

Date Received: 05/03/07
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0132-13 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 103 | 103 | 88-118 | 0 | 0-7 | |
| Carbon Tetrachloride | 111 | 107 | 67-145 | 3 | 0-11 | |
| Chlorobenzene | 115 | 114 | 88-118 | 1 | 0-7 | |
| 1,2-Dichlorobenzene | 116 | 112 | 86-116 | 3 | 0-8 | |
| 1,1-Dichloroethene | 90 | 92 | 70-130 | 2 | 0-25 | |
| Toluene | 114 | 114 | 87-123 | 1 | 0-8 | |
| Trichloroethene | 107 | 108 | 79-127 | 1 | 0-10 | |
| Vinyl Chloride | 95 | 96 | 69-129 | 1 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 104 | 107 | 71-131 | 3 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 114 | 125 | 36-168 | 9 | 0-45 | |
| Diisopropyl Ether (DIPE) | 107 | 107 | 81-123 | 0 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 104 | 107 | 72-126 | 3 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 111 | 112 | 72-126 | 1 | 0-12 | |
| Ethanol | 106 | 111 | 53-149 | 4 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/03/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0428-7 | Aqueous | GC/MS L | 05/09/07 | 05/09/07 | 070509S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 95 | 97 | 88-118 | 2 | 0-7 | |
| Carbon Tetrachloride | 95 | 96 | 67-145 | 0 | 0-11 | |
| Chlorobenzene | 105 | 107 | 88-118 | 2 | 0-7 | |
| 1,2-Dichlorobenzene | 106 | 110 | 86-116 | 4 | 0-8 | |
| 1,1-Dichloroethene | 92 | 94 | 70-130 | 1 | 0-25 | |
| Toluene | 101 | 105 | 87-123 | 4 | 0-8 | |
| Trichloroethene | 99 | 101 | 79-127 | 2 | 0-10 | |
| Vinyl Chloride | 83 | 82 | 69-129 | 1 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 89 | 92 | 71-131 | 2 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 101 | 109 | 36-168 | 8 | 0-45 | |
| Diisopropyl Ether (DIPE) | 94 | 95 | 81-123 | 1 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 95 | 97 | 72-126 | 2 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 99 | 102 | 72-126 | 3 | 0-12 | |
| Ethanol | 92 | 98 | 53-149 | 6 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-247-646 | Aqueous | GC 11 | 05/05/07 | 05/05/07 | 070505B01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 111 | 110 | 78-120 | 1 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-382-6 | Aqueous | GC 23 | 05/04/07 | 05/05/07 | 070504B12 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Fuel Product | 84 | 90 | 75-117 | 7 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8021B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-283-123 | Aqueous | GC 8 | 05/09/07 | 05/09/07 | 070509B01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 101 | 98 | 70-118 | 3 | 0-9 | |
| Toluene | 102 | 98 | 66-114 | 4 | 0-9 | |
| Ethylbenzene | 102 | 98 | 72-114 | 4 | 0-9 | |
| p/m-Xylene | 103 | 99 | 74-116 | 4 | 0-9 | |
| o-Xylene | 102 | 98 | 72-114 | 4 | 0-9 | |
| Methyl-t-Butyl Ether (MTBE) | 111 | 113 | 41-137 | 2 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 07-05-0323
Preparation: EPA 5030B
Method: EPA 8260B

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-006-21,290 | Aqueous | GC/MS L | 05/07/07 | 05/07/07 | 070507L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 91 | 91 | 84-120 | 0 | 0-8 | |
| Carbon Tetrachloride | 86 | 85 | 63-147 | 1 | 0-10 | |
| Chlorobenzene | 101 | 102 | 89-119 | 1 | 0-7 | |
| 1,2-Dichlorobenzene | 103 | 105 | 89-119 | 2 | 0-9 | |
| 1,1-Dichloroethene | 78 | 79 | 77-125 | 0 | 0-16 | |
| Toluene | 101 | 102 | 83-125 | 2 | 0-9 | |
| Trichloroethene | 96 | 98 | 89-119 | 1 | 0-8 | |
| Vinyl Chloride | 83 | 82 | 63-135 | 2 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 90 | 89 | 82-118 | 1 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 92 | 96 | 46-154 | 3 | 0-32 | |
| Diisopropyl Ether (DIPE) | 88 | 87 | 81-123 | 1 | 0-11 | |
| Ethyl-t-Butyl Ether (ETBE) | 91 | 90 | 74-122 | 1 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 96 | 96 | 76-124 | 0 | 0-10 | |
| Ethanol | 93 | 96 | 60-138 | 4 | 0-32 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-006-21,295 | Aqueous | GC/MS L | 05/08/07 | 05/08/07 | 070508L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 103 | 103 | 84-120 | 0 | 0-8 | |
| Carbon Tetrachloride | 109 | 111 | 63-147 | 2 | 0-10 | |
| Chlorobenzene | 114 | 114 | 89-119 | 0 | 0-7 | |
| 1,2-Dichlorobenzene | 114 | 112 | 89-119 | 1 | 0-9 | |
| 1,1-Dichloroethene | 92 | 93 | 77-125 | 0 | 0-16 | |
| Toluene | 114 | 113 | 83-125 | 0 | 0-9 | |
| Trichloroethene | 108 | 112 | 89-119 | 4 | 0-8 | |
| Vinyl Chloride | 100 | 100 | 63-135 | 0 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 104 | 106 | 82-118 | 2 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 109 | 112 | 46-154 | 3 | 0-32 | |
| Diisopropyl Ether (DIPE) | 108 | 107 | 81-123 | 1 | 0-11 | |
| Ethyl-t-Butyl Ether (ETBE) | 106 | 108 | 74-122 | 2 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 109 | 110 | 76-124 | 1 | 0-10 | |
| Ethanol | 113 | 116 | 60-138 | 3 | 0-32 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0323 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-006-21,308 | Aqueous | GC/MS L | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 101 | 100 | 84-120 | 1 | 0-8 | |
| Carbon Tetrachloride | 101 | 101 | 63-147 | 0 | 0-10 | |
| Chlorobenzene | 109 | 109 | 89-119 | 0 | 0-7 | |
| 1,2-Dichlorobenzene | 108 | 107 | 89-119 | 1 | 0-9 | |
| 1,1-Dichloroethene | 101 | 104 | 77-125 | 3 | 0-16 | |
| Toluene | 109 | 105 | 83-125 | 3 | 0-9 | |
| Trichloroethene | 106 | 105 | 89-119 | 1 | 0-8 | |
| Vinyl Chloride | 89 | 91 | 63-135 | 2 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 99 | 99 | 82-118 | 0 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 101 | 103 | 46-154 | 2 | 0-32 | |
| Diisopropyl Ether (DIPE) | 101 | 103 | 81-123 | 2 | 0-11 | |
| Ethyl-t-Butyl Ether (ETBE) | 100 | 101 | 74-122 | 1 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 102 | 102 | 76-124 | 1 | 0-10 | |
| Ethanol | 100 | 100 | 60-138 | 1 | 0-32 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Glossary of Terms and Qualifiers

Work Order Number: 07-05-0323

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

**CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.**
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

GID # SL204 DM 2394

# CHAIN OF CUSTODY RECORD

Date 5/3/2007

Page 1 of 2

LABORATORY CLIENT: PARSONS

ADDRESS: 100 W. WALNUT ST.

CITY: PASADENA STATE: CA ZIP: 91124

TEL: (626) 440 2434 E-MAIL: SUMEET.GANDHI@PARSONS.COM

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

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

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: DFSP NORWALK / 743447-02000

PROJECT CONTACT: SUMEET GANDHI

SAMPLER(S) (PRINT): [illegible]

COELT LOG CODE: ☐☐☐☐

P.O. NO.:

LAB USE ONLY: 05-0323

COOLER RECEIPT TEMP = _____ °C

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or EP | BTEX / MTBE (8260B) or 8021 | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | GMW61_0507 | | 5/2 | 11:05 | WG | 7 | X | X | | | X | | | | | | | | |
| 2 | GMW60_0507 | | 5/2 | 11:25 | WG | 7 | X | X | | | X | | | | | | | | |
| 3 | MW13_0507 | | 5/2 | 11:42 | WG | 4 | | X | | | X | | | | | | | | |
| 4 | GMW47_0507 | | 5/2 | 12:06 | WG | 7 | X | X | | | X | | | | | | | | |
| 5 | GMW57_0507 | | 5/2 | 13:20 | WG | 7 | X | X | | | X | | | | | | | | |
| 6 | GMW58_0507 | | 5/2 | 13:43 | WG | 7 | X | X | | | X | | | | | | | | |
| 7 | GMW59_0507 | | 5/2 | 14:00 | WG | 7 | X | X | | | X | | | | | | | | |
| 8 | MW17_0507 | | 5/2 | 14:24 | WG | 4 | | X | | | X | | | | | | | | |
| 9 | EXP1_0507 | | 5/2 | 14:55 | WG | 7 | X | X | | | X | | | | | | | | |
| 10 | GMW45_0507 | | 5/2 | 15:51 | WG | 4 | | X | X | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) [illegible] | Received by: (Signature/Affiliation) [illegible] | Date: 5/3/07 | Time: 1726 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

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

05/1[illegible] Revision

CALS NCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

GID # SL204 DM 2394

# CHAIN OF CUSTODY RECORD

Date 5/3/2007

Page 2 of 2

LABORATORY CLIENT: PARSONS

ADDRESS: 100 W. WALNUT ST.

CITY: PASADENA STATE: CA ZIP: 91124

TEL: (626) 440 2434 E-MAIL: SUMEET.GANDHI@PARSONS.COM

CLIENT PROJECT NAME / NUMBER: DFSP NORWALK / 743447-02000

PROJECT CONTACT: SUMEET GANDHI

SAMPLER(S): (PRINT)

P.O. NO.:

LAB USE ONLY: 05-0323

COELT LOG CODE

COOLER RECEIPT TEMP = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

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

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or FP | BTEX / MTBE (8260B) or 8021 | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | GMW56_0507 | | 5/2 | 16:05 | WG | 4 | | X | | | X | | | | | | | | |
| 12 | GMW06_0507 | | 5/2 | 16:18 | WG | 4 | | X | X | | | | | | | | | | |
| 13 | GMW15_0507 | | 5/2 | 16:35 | WG | 4 | | X | X | | | | | | | | | | |
| 14 | MW23M_0507 | | 5/2 | 17:02 | WG | 4 | | X | X | | | | | | | | | | |
| 15 | GMW16_0507 | | 5/2 | 17:30 | WG | 4 | | X | X | | | | | | | | | | |
| 16 | GW06_0507 | | 5/2 | 17:48 | WG | 4 | | X | | | X | | | | | | | | |
| 17 | MW22M_0507 | | 5/2 | 18:10 | WG | 4 | | X | | | X | | | | | | | | |
| 18 | MW17DUP_0507 | | 5/2 | 14:30 | WG | 4 | | X | | | X | | | | | | | | |
| 19 | GMW15DUP_0507 | | 5/2 | 16:41 | WG | 4 | | X | X | | | | | | | | | | |
| 20 | TRIPBLANK 0504 | | | | WQ | 2 | | | | | X | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 5/3/07 | Time: 1720 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |

05/10/06 Revision

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.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 05 - 0323

Cooler 1 of 1

# SAMPLE RECEIPT FORM

CLIENT: Parsons DATE: 05.03.07

## TEMPERATURE – SAMPLES RECEIVED BY:

**CALSCIENCE COURIER:**

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

**LABORATORY (Other than Calscience Courier):**

_____ °C Temperature blank.
2.3 °C IR thermometer.
_____ Ambient temperature.

Initial: _____

## CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: _____

## SAMPLE CONDITION:

| | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody document(s) received with samples | ✓ | | |
| Sampler's name indicated on COC | ✓ | | |
| Sample container label(s) consistent with custody papers | ✓ | | |
| Sample container(s) intact and good condition | ✓ | | |
| Correct containers and volume for analyses requested | ✓ | | |
| Proper preservation noted on sample label(s) | ✓ | | |
| VOA vial(s) free of headspace | ✓ | | |
| Tedlar bag(s) free of condensation | | | ✓ |

Initial: _____

## COMMENTS:

Calscience
Environmental
Laboratories, Inc.

May 14, 2007

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

Subject: **Calscience Work Order No.: 07-05-0447**
**Client Reference: DFSP NORWALK / 743447-02000**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/4/2007 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,

Ranjit K. K. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GW-15-0507** | **07-05-0447-11** | **05/03/07** | **Aqueous** | **GC 29** | **05/08/07** | **05/09/07** | **070508B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | 8500 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 167 | 38-134 | | 2 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EXP-2-0507** | **07-05-0447-15** | **05/03/07** | **Aqueous** | **GC 29** | **05/08/07** | **05/09/07** | **070508B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 54 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-247-652** | **N/A** | **Aqueous** | **GC 29** | **05/08/07** | **05/08/07** | **070508B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 68 | 38-134 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/04/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-25-0507** | **07-05-0447-1** | **05/03/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B10** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 109 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-26-0507** | **07-05-0447-2** | **05/03/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B10** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 91 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-27-0507** | **07-05-0447-3** | **05/03/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B10** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 110 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 122 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **MW-11-0507** | **07-05-0447-4** | **05/03/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B10** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 1300 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 111 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-17-0507 | 07-05-0447-5 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 12000 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 103 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-31-0507 | 07-05-0447-6 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 170 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 115 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-41-0507 | 07-05-0447-7 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

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

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-40-0507 | 07-05-0447-8 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 440 | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| Decachlorobiphenyl | 90 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-40DUP-0507 | 07-05-0447-9 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 660 | 100 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| Decachlorobiphenyl | 102 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-13-0507 | 07-05-0447-10 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 2800 | 100 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| Decachlorobiphenyl | 113 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-15-0507 | 07-05-0447-11 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 1600 | 100 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| Decachlorobiphenyl | 84 | 68-140 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-14-0507 | 07-05-0447-12 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 4000 | 100 | 1 | | ug/L |
| Surrogates: | REC (%) | Control Limits | | Qual | |
| Decachlorobiphenyl | 95 | 68-140 | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-24-0507 | 07-05-0447-13 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 108 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-03-0507 | 07-05-0447-14 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 89 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| EXP-2-0507 | 07-05-0447-15 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 95 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-14-0507 | 07-05-0447-16 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/09/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 3100 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 109 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-16-0507 | 07-05-0447-17 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/09/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-32-0507 | 07-05-0447-18 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/09/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 190 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 106 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-43-0507 | 07-05-0447-19 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/09/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 111 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-18-0507 | 07-05-0447-20 | 05/03/07 | Aqueous | GC 23 | 05/07/07 | 05/09/07 | 070507B10 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 10000 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 124 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-19-0507** | **07-05-0447-21** | **05/03/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B09** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 210 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-382-7** | **N/A** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B10** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 97 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-382-8** | **N/A** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B09** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 103 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-11-0507 | 07-05-0447-4 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 4.3 | 0.50 | 1 | | Xylenes (total) | 1.1 | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | 43 | 5.0 | 1 | |
| Ethylbenzene | 0.86 | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 123 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-17-0507 | 07-05-0447-5 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 9.1 | 0.50 | 1 | | Xylenes (total) | 9.0 | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | 7.7 | 5.0 | 1 | |
| Ethylbenzene | 0.92 | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 106 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-31-0507 | 07-05-0447-6 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 97 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-14-0507 | 07-05-0447-12 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 200 | 2.5 | 5 | | Xylenes (total) | 900 | 5.0 | 5 | |
| Toluene | 5.2 | 2.5 | 5 | | Methyl-t-Butyl Ether (MTBE) | 39 | 25 | 5 | |
| Ethylbenzene | 220 | 2.5 | 5 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 113 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-32-0507 | 07-05-0447-18 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 103 | 70-130 | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-43-0507 | 07-05-0447-19 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | 8.0 | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 100 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-18-0507 | 07-05-0447-20 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 200 | 2.5 | 5 | | Xylenes (total) | 56 | 5.0 | 5 | |
| Toluene | ND | 2.5 | 5 | | Methyl-t-Butyl Ether (MTBE) | ND | 25 | 5 | |
| Ethylbenzene | 13 | 2.5 | 5 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 75 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-19-0507 | 07-05-0447-21 | 05/03/07 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 92 | 70-130 | | | | | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| Method Blank | 099-12-283-126 | N/A | Aqueous | GC 8 | 05/10/07 | 05/10/07 | 070510B01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 95 | 70-130 | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/04/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |
| | | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-25-0507 | 07-05-0447-1 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | ND | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | ND | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | 2.8 | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 2.3 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 105 | 74-140 | | 1,2-Dichloroethane-d4 | 102 | 74-146 | |
| Toluene-d8 | 107 | 88-112 | | 1,4-Bromofluorobenzene | 94 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-26-0507 | 07-05-0447-2 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 106 | 74-140 | | 1,2-Dichloroethane-d4 | 101 | 74-146 | |
| Toluene-d8 | 107 | 88-112 | | 1,4-Bromofluorobenzene | 95 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 — Page 3 of 16

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-27-0507 | 07-05-0447-3 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | ND | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | ND | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 1.5 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 107 | 74-140 | | 1,2-Dichloroethane-d4 | 102 | 74-146 | |
| Toluene-d8 | 106 | 88-112 | | 1,4-Bromofluorobenzene | 100 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-41-0507 | 07-05-0447-7 | 05/03/07 | Aqueous | GC/MS L | 05/10/07 | 05/10/07 | 070510L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | ND | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | ND | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 0.51 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 122 | 74-140 | | 1,2-Dichloroethane-d4 | 134 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 89 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-40-0507 | 07-05-0447-8 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | 3.7 | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | 2.2 | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | 1.1 | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | 1.4 | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | 1.5 | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | 17 | 0.50 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 1 | | o-Xylene | 10 | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 46 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | 63 | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 103 | 74-140 | | 1,2-Dichloroethane-d4 | 99 | 74-146 | |
| Toluene-d8 | 111 | 88-112 | | 1,4-Bromofluorobenzene | 99 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-40DUP-0507 | 07-05-0447-9 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | 3.8 | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | 2.1 | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | 1.1 | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | 1.4 | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | 1.4 | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | 17 | 0.50 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 1 | | o-Xylene | 9.5 | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 46 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | 53 | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 103 | 74-140 | | 1,2-Dichloroethane-d4 | 102 | 74-146 | |
| Toluene-d8 | 107 | 88-112 | | 1,4-Bromofluorobenzene | 94 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-13-0507 | 07-05-0447-10 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | ND | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | ND | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | 0.83 | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 5.3 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | 31 | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 106 | 74-140 | | 1,2-Dichloroethane-d4 | 101 | 74-146 | |
| Toluene-d8 | 106 | 88-112 | | 1,4-Bromofluorobenzene | 94 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-15-0507 | 07-05-0447-11 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | 1100 | 10 | 20 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | 130 | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | 15 | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | 5.7 | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | 6.4 | 1.0 | 1 | | Naphthalene | 15 | 10 | 1 | |
| sec-Butylbenzene | 4.5 | 1.0 | 1 | | n-Propylbenzene | 17 | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | 1000 | 10 | 20 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | 63 | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | 35 | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | 390 | 0.50 | 1 | |
| 1,2-Dichloroethane | ND | 0.50 | 1 | | o-Xylene | 180 | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 102 | 74-140 | | 1,2-Dichloroethane-d4 | 103 | 74-146 | |
| Toluene-d8 | 112 | 88-112 | | 1,4-Bromofluorobenzene | 96 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-24-0507 | 07-05-0447-13 | 05/03/07 | Aqueous | GC/MS L | 05/10/07 | 05/10/07 | 070510L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 120 | 74-140 | | 1,2-Dichloroethane-d4 | 133 | 74-146 | |
| Toluene-d8 | 103 | 88-112 | | 1,4-Bromofluorobenzene | 91 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GW-03-0507 | 07-05-0447-14 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 100 | 74-140 | | 1,2-Dichloroethane-d4 | 98 | 74-146 | |
| Toluene-d8 | 106 | 88-112 | | 1,4-Bromofluorobenzene | 97 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| EXP-2-0507 | 07-05-0447-15 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 101 | 74-140 | | 1,2-Dichloroethane-d4 | 97 | 74-146 | |
| Toluene-d8 | 105 | 88-112 | | 1,4-Bromofluorobenzene | 102 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-14-0507 | 07-05-0447-16 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1 | | c-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Benzene | ND | 0.50 | 1 | | t-1,3-Dichloropropene | ND | 0.50 | 1 | |
| Bromobenzene | ND | 1.0 | 1 | | Ethylbenzene | ND | 0.50 | 1 | |
| Bromochloromethane | ND | 1.0 | 1 | | 2-Hexanone | ND | 10 | 1 | |
| Bromodichloromethane | ND | 1.0 | 1 | | Isopropylbenzene | ND | 1.0 | 1 | |
| Bromoform | ND | 1.0 | 1 | | p-Isopropyltoluene | ND | 1.0 | 1 | |
| Bromomethane | ND | 5.0 | 1 | | Methylene Chloride | ND | 5.0 | 1 | |
| 2-Butanone | ND | 10 | 1 | | 4-Methyl-2-Pentanone | ND | 10 | 1 | |
| n-Butylbenzene | ND | 1.0 | 1 | | Naphthalene | ND | 10 | 1 | |
| sec-Butylbenzene | ND | 1.0 | 1 | | n-Propylbenzene | ND | 1.0 | 1 | |
| tert-Butylbenzene | ND | 1.0 | 1 | | Styrene | ND | 1.0 | 1 | |
| Carbon Disulfide | ND | 10 | 1 | | 1,1,1,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Carbon Tetrachloride | ND | 0.50 | 1 | | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 1 | |
| Chlorobenzene | ND | 1.0 | 1 | | Tetrachloroethene | ND | 1.0 | 1 | |
| Chloroethane | ND | 1.0 | 1 | | Toluene | ND | 0.50 | 1 | |
| Chloroform | ND | 1.0 | 1 | | 1,2,3-Trichlorobenzene | ND | 1.0 | 1 | |
| Chloromethane | ND | 5.0 | 1 | | 1,2,4-Trichlorobenzene | ND | 1.0 | 1 | |
| 2-Chlorotoluene | ND | 1.0 | 1 | | 1,1,1-Trichloroethane | ND | 1.0 | 1 | |
| 4-Chlorotoluene | ND | 1.0 | 1 | | 1,1,2-Trichloro-1,2,2-Trifluoroethane | ND | 10 | 1 | |
| Dibromochloromethane | ND | 1.0 | 1 | | 1,1,2-Trichloroethane | ND | 1.0 | 1 | |
| 1,2-Dibromo-3-Chloropropane | ND | 5.0 | 1 | | Trichloroethene | ND | 1.0 | 1 | |
| 1,2-Dibromoethane | ND | 1.0 | 1 | | Trichlorofluoromethane | ND | 10 | 1 | |
| Dibromomethane | ND | 1.0 | 1 | | 1,2,3-Trichloropropane | ND | 5.0 | 1 | |
| 1,2-Dichlorobenzene | ND | 1.0 | 1 | | 1,2,4-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,3-Dichlorobenzene | ND | 1.0 | 1 | | 1,3,5-Trimethylbenzene | ND | 1.0 | 1 | |
| 1,4-Dichlorobenzene | ND | 1.0 | 1 | | Vinyl Acetate | ND | 10 | 1 | |
| Dichlorodifluoromethane | ND | 1.0 | 1 | | Vinyl Chloride | ND | 0.50 | 1 | |
| 1,1-Dichloroethane | ND | 1.0 | 1 | | p/m-Xylene | ND | 0.50 | 1 | |
| 1,2-Dichloroethane | 0.94 | 0.50 | 1 | | o-Xylene | ND | 0.50 | 1 | |
| 1,1-Dichloroethene | ND | 1.0 | 1 | | Methyl-t-Butyl Ether (MTBE) | 3.6 | 0.50 | 1 | |
| c-1,2-Dichloroethene | ND | 1.0 | 1 | | Tert-Butyl Alcohol (TBA) | ND | 10 | 1 | |
| t-1,2-Dichloroethene | ND | 1.0 | 1 | | Diisopropyl Ether (DIPE) | ND | 2.0 | 1 | |
| 1,2-Dichloropropane | ND | 1.0 | 1 | | Ethyl-t-Butyl Ether (ETBE) | ND | 2.0 | 1 | |
| 1,3-Dichloropropane | ND | 1.0 | 1 | | Tert-Amyl-Methyl Ether (TAME) | ND | 2.0 | 1 | |
| 2,2-Dichloropropane | ND | 1.0 | 1 | | Ethanol | ND | 100 | 1 | |
| 1,1-Dichloropropene | ND | 1.0 | 1 | | | | | | |

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 104 | 74-140 | | 1,2-Dichloroethane-d4 | 102 | 74-146 | |
| Toluene-d8 | 108 | 88-112 | | 1,4-Bromofluorobenzene | 99 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | |
|---|---|
| Parsons, Inc. | Date Received: 05/04/07 |
| 100 West Walnut Street | Work Order No: 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: EPA 5030B |
| | Method: EPA 8260B |
| | Units: ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| MW-16-0507 | 07-05-0447-17 | 05/03/07 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 104 | 74-140 | | 1,2-Dichloroethane-d4 | 101 | 74-146 | |
| Toluene-d8 | 105 | 88-112 | | 1,4-Bromofluorobenzene | 91 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **TRIP BLANK** | **07-05-0447-22** | **05/03/07** | **Aqueous** | **GC/MS CC** | **05/09/07** | **05/09/07** | **070509L01** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 104 | 74-140 | | 1,2-Dichloroethane-d4 | 100 | 74-146 | |
| Toluene-d8 | 103 | 88-112 | | 1,4-Bromofluorobenzene | 92 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-006-21,311** | **N/A** | **Aqueous** | **GC/MS CC** | **05/09/07** | **05/09/07** | **070509L01** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 103 | 74-140 | | 1,2-Dichloroethane-d4 | 99 | 74-146 | |
| Toluene-d8 | 110 | 88-112 | | 1,4-Bromofluorobenzene | 95 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 — Page 16 of 16

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-006-21,321** | **N/A** | **Aqueous** | **GC/MS L** | **05/10/07** | **05/10/07** | **070510L01** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 118 | 74-140 | | 1,2-Dichloroethane-d4 | 127 | 74-146 | |
| Toluene-d8 | 102 | 88-112 | | 1,4-Bromofluorobenzene | 93 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/04/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0428-8 | Aqueous | GC 29 | 05/08/07 | 05/08/07 | 070508S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 101 | 98 | 68-122 | 3 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

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

Date Received: 05/04/07
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8021B

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0650-3 | Aqueous | GC 8 | 05/10/07 | 05/11/07 | 070510S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 96 | 102 | 57-129 | 6 | 0-23 | |
| Toluene | 96 | 101 | 50-134 | 5 | 0-26 | |
| Ethylbenzene | 96 | 100 | 58-130 | 4 | 0-26 | |
| p/m-Xylene | 97 | 99 | 58-130 | 3 | 0-28 | |
| o-Xylene | 95 | 97 | 57-123 | 2 | 0-26 | |
| Methyl-t-Butyl Ether (MTBE) | 148 | 139 | 44-134 | 6 | 0-27 | 3 |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/04/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| **MW-25-0507** | **Aqueous** | **GC/MS CC** | **05/09/07** | **05/09/07** | **070509S01** |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 107 | 109 | 88-118 | 3 | 0-7 | |
| Carbon Tetrachloride | 109 | 110 | 67-145 | 1 | 0-11 | |
| Chlorobenzene | 107 | 107 | 88-118 | 0 | 0-7 | |
| 1,2-Dichlorobenzene | 104 | 106 | 86-116 | 2 | 0-8 | |
| 1,1-Dichloroethene | 127 | 107 | 70-130 | 17 | 0-25 | |
| Toluene | 109 | 110 | 87-123 | 1 | 0-8 | |
| Trichloroethene | 109 | 111 | 79-127 | 2 | 0-10 | |
| Vinyl Chloride | 99 | 101 | 69-129 | 2 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 105 | 110 | 71-131 | 4 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 107 | 108 | 36-168 | 1 | 0-45 | |
| Diisopropyl Ether (DIPE) | 109 | 113 | 81-123 | 3 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 107 | 112 | 72-126 | 4 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 104 | 109 | 72-126 | 5 | 0-12 | |
| Ethanol | 102 | 102 | 53-149 | 0 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/04/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0454-1 | Aqueous | GC/MS L | 05/10/07 | 05/10/07 | 070510S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 106 | 104 | 88-118 | 2 | 0-7 | |
| Carbon Tetrachloride | 115 | 113 | 67-145 | 2 | 0-11 | |
| Chlorobenzene | 112 | 110 | 88-118 | 2 | 0-7 | |
| 1,2-Dichlorobenzene | 104 | 107 | 86-116 | 2 | 0-8 | |
| 1,1-Dichloroethene | 107 | 103 | 70-130 | 3 | 0-25 | |
| Toluene | 113 | 109 | 87-123 | 3 | 0-8 | |
| Trichloroethene | 111 | 107 | 79-127 | 3 | 0-10 | |
| Vinyl Chloride | 94 | 94 | 69-129 | 0 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 104 | 106 | 71-131 | 2 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 101 | 108 | 36-168 | 7 | 0-45 | |
| Diisopropyl Ether (DIPE) | 104 | 103 | 81-123 | 1 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 101 | 102 | 72-126 | 0 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 107 | 106 | 72-126 | 1 | 0-12 | |
| Ethanol | 82 | 92 | 53-149 | 9 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-247-652 | Aqueous | GC 29 | 05/08/07 | 05/08/07 | 070508B01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 110 | 102 | 78-120 | 8 | 0-10 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-382-8 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B09 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Fuel Product | 90 | 98 | 75-117 | 8 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 3510C |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-382-7 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B10 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Fuel Product | 89 | 96 | 75-117 | 7 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 07-05-0447
Preparation: EPA 5030B
Method: EPA 8021B

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-283-126 | Aqueous | GC 8 | 05/10/07 | 05/10/07 | 070510B01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 85 | 89 | 70-118 | 4 | 0-9 | |
| Toluene | 85 | 80 | 66-114 | 6 | 0-9 | |
| Ethylbenzene | 87 | 95 | 72-114 | 9 | 0-9 | |
| p/m-Xylene | 86 | 91 | 74-116 | 5 | 0-9 | |
| o-Xylene | 86 | 88 | 72-114 | 2 | 0-9 | |
| Methyl-t-Butyl Ether (MTBE) | 95 | 97 | 41-137 | 2 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

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

| | |
|---|---|
| Date Received: | N/A |
| Work Order No: | 07-05-0447 |
| Preparation: | EPA 5030B |
| Method: | EPA 8260B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-006-21,311 | Aqueous | GC/MS CC | 05/09/07 | 05/09/07 | 070509L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 102 | 101 | 84-120 | 1 | 0-8 | |
| Carbon Tetrachloride | 103 | 99 | 63-147 | 3 | 0-10 | |
| Chlorobenzene | 103 | 102 | 89-119 | 1 | 0-7 | |
| 1,2-Dichlorobenzene | 103 | 102 | 89-119 | 1 | 0-9 | |
| 1,1-Dichloroethene | 103 | 101 | 77-125 | 1 | 0-16 | |
| Toluene | 102 | 102 | 83-125 | 0 | 0-9 | |
| Trichloroethene | 103 | 102 | 89-119 | 1 | 0-8 | |
| Vinyl Chloride | 93 | 92 | 63-135 | 1 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 105 | 102 | 82-118 | 3 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 96 | 92 | 46-154 | 4 | 0-32 | |
| Diisopropyl Ether (DIPE) | 102 | 101 | 81-123 | 1 | 0-11 | |
| Ethyl-t-Butyl Ether (ETBE) | 105 | 103 | 74-122 | 2 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 107 | 104 | 76-124 | 3 | 0-10 | |
| Ethanol | 99 | 102 | 60-138 | 3 | 0-32 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH ISO/IEC 17025

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0447 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-10-006-21,321 | Aqueous | GC/MS L | 05/10/07 | 05/10/07 | 070510L01 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 102 | 101 | 84-120 | 1 | 0-8 | |
| Carbon Tetrachloride | 110 | 106 | 63-147 | 4 | 0-10 | |
| Chlorobenzene | 110 | 109 | 89-119 | 1 | 0-7 | |
| 1,2-Dichlorobenzene | 104 | 102 | 89-119 | 2 | 0-9 | |
| 1,1-Dichloroethene | 106 | 103 | 77-125 | 3 | 0-16 | |
| Toluene | 110 | 107 | 83-125 | 2 | 0-9 | |
| Trichloroethene | 108 | 107 | 89-119 | 1 | 0-8 | |
| Vinyl Chloride | 95 | 90 | 63-135 | 5 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 104 | 100 | 82-118 | 4 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 103 | 99 | 46-154 | 3 | 0-32 | |
| Diisopropyl Ether (DIPE) | 103 | 98 | 81-123 | 5 | 0-11 | |
| Ethyl-t-Butyl Ether (ETBE) | 102 | 97 | 74-122 | 5 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 106 | 105 | 76-124 | 1 | 0-10 | |
| Ethanol | 103 | 103 | 60-138 | 0 | 0-32 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Glossary of Terms and Qualifiers

Work Order Number: 07-05-0447

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

**CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.**
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

GID # SL204 DM 2394

# CHAIN OF CUSTODY RECORD

Date 5/4/2007

Page 1 of 3

LABORATORY CLIENT: PARSONS

ADDRESS: 100 W. WALNUT ST.

CITY: PASADENA STATE: CA ZIP: 91124

TEL: (626) 440 2434 E-MAIL: SUMEET.GANDHI@PARSONS.COM

CLIENT PROJECT NAME / NUMBER: DFSP NORWALK / 743447_02000

PROJECT CONTACT: SUMEET GANDHI

SAMPLER(S): (PRINT)

P.O. NO.:

LAB USE ONLY: 05-0447

COELT LOG CODE

COOLER RECEIPT TEMP = °C

TURNAROUND TIME:
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

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

SPECIAL INSTRUCTIONS:

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or FP | BTEX / MTBE (8260B) or 8021 | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW25_0507 | | 5/3 | 11:15 | WG | 4 | | X | | | X | | | | | | | | |
| 2 | MW26_0507 | | 5/3 | 12:40 | WG | 4 | | X | | | X | | | | | | | | |
| 3 | MW27_0507 | | 5/3 | 12:55 | WG | 4 | | X | | | X | | | | | | | | |
| 4 | MW11_0507 | | 5/3 | 13:07 | WG | 4 | | X | X | | | | | | | | | | |
| 5 | GMW17_0507 | | 5/3 | 13:24 | WG | 4 | | X | X | | | | | | | | | | |
| 6 | GMW31_0507 | | 5/3 | 13:38 | WG | 4 | | X | X | | | | | | | | | | |
| 7 | GMW41_0507 | | 5/3 | 13:51 | WG | 4 | | X | | | X | | | | | | | | |
| 8 | GMW40_0507 | | 5/3 | 14:29 | WG | 4 | | X | | | X | | | | | | | | |
| 9 | GMW40DUP_0507 | | 5/3 | 14:33 | WG | 4 | | X | | | X | | | | | | | | |
| 10 | GW13_0507 | | 5/3 | 15:00 | WG | 4 | | X | | | X | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 5/4/2007 | Time: 1755 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| 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 2 of our T/Cs are printed on the reverse side of the White and Yellow copies respectively.

05/06 Revision

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

GID # SL204 DM2394

# CHAIN OF CUSTODY RECORD

Date 5/4/2007

Page 2 of 3

| | |
|---|---|
| LABORATORY CLIENT: PARSONS | CLIENT PROJECT NAME / NUMBER: DFSP NORWALK / 743447-02000 |
| ADDRESS: 100 W. WALNUT ST. | PROJECT CONTACT: SUMEET GANDHI |
| CITY: PASADENA STATE: CA ZIP: 91124 | SAMPLER(S): (PRINT) |
| TEL: (626) 440 2434 E-MAIL: SUMEET.GANDHI@PARSONS.COM | COELT LOG CODE |
| | P.O. NO.: |
| | LAB USE ONLY 05-0447 |
| | COOLER RECEIPT TEMP = °C |

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

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

SPECIAL INSTRUCTIONS:

## REQUESTED ANALYSES

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or FP | BTEX / MTBE (8260B) or 8021 | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | GW15_0507 | | 5/3 | 15:35 | WG | 7 | X | X | | | X | | | | | | | | | | | | |
| 12 | GW14_0507 | | 5/3 | 16:03 | WG | 4 | | X | X | | | | | | | | | | | | | | |
| 13 | MW24_0507 | | 5/3 | 16:20 | WG | 4 | | X | | | X | | | | | | | | | | | | |
| 14 | GW03_0507 | | 5/3 | 16:42 | WG | 4 | | X | | | X | | | | | | | | | | | | |
| 15 | EXP2_0507 | | 5/3 | 17:05 | WG | 7 | X | X | | | X | | | | | | | | | | | | |
| 16 | MW14_0507 | | 5/3 | 17:30 | WG | 4 | | X | | | X | | | | | | | | | | | | |
| 17 | MW16_0507 | | 5/3 | 09:45 | WG | 4 | | X | | | X | | | | | | | | | | | | |
| 18 | GMW32_0507 | | 5/3 | 10:07 | WG | 4 | | X | X | | | | | | | | | | | | | | |
| 19 | GMW43_0507 | | 5/3 | 10:26 | WG | 4 | | X | X | | | | | | | | | | | | | | |
| 20 | GMW18_0507 | | 5/3 | 10:49 | WG | 4 | | X | X | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 5/4/2007 | Time: 1755 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| 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 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

05/10/06 Revision

**CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.**
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

GID# SL204DM2394

# CHAIN OF CUSTODY RECORD

Date 5/4/2007



| | |
|---|---|
| LABORATORY CLIENT: PARSONS | CLIENT PROJECT NAME / NUMBER: DFSP NORWALK / 743447.02000 |
| ADDRESS: 100 W. WALNUT ST. | PROJECT CONTACT: SUMEET GANDHI |
| CITY: PASADENA STATE: CA. ZIP: 91124 | SAMPLER(S): (PRINT) |
| TEL: (626) 440 2434 E-MAIL: SUMEET.GANDHI@PARSONS.COM | COELT LOG CODE |
| TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS | P.O. NO.: |
| SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) ☐ RWQCB REPORTING FORMS ☐ COELT EDF ☐ | LAB USE ONLY 05-0497 |
| SPECIAL INSTRUCTIONS: | COOLER RECEIPT TEMP = °C |

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or FP | BTEX / MTBE (8260B) or 8021 | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | GMW19_0507 | | 5/3 | 17:48 | WG | 4 | | X | X | | | | | | | | | | |
| 22 | TRIP BLANK | | | | WQ | 2 | | | | | X | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: 5/4/2007 | Time: 1755 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| 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 2 of our T/Cs are printed on the reverse side of the C and Yellow copies respectively.

05 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 05 - 0447

Cooler 1 of 1

# SAMPLE RECEIPT FORM

CLIENT: Parsons DATE: 05/04/07

## TEMPERATURE – SAMPLES RECEIVED BY:

**CALSCIENCE COURIER:**

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

**LABORATORY (Other than Calscience Courier):**

_____ °C Temperature blank.
1.4 °C IR thermometer.
_____ Ambient temperature.

Initial: A.M

## CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: A.M

## SAMPLE CONDITION:

| | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody document(s) received with samples | ✓ | | |
| Sampler's name indicated on COC | ✓ | | |
| Sample container label(s) consistent with custody papers | ✓ | | |
| Sample container(s) intact and good condition | ✓ | | |
| Correct containers and volume for analyses requested | ✓ | | |
| Proper preservation noted on sample label(s) | ✓ | | |
| VOA vial(s) free of headspace. | ✓ | | |
| Tedlar bag(s) free of condensation | | | ✓ |

Initial: A.M

## COMMENTS:

Calscience
Environmental
Laboratories, Inc.

May 16, 2007

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

Subject: **Calscience Work Order No.:** **07-05-0479**
**Client Reference:** **DFSP NORWALK / 743447-02000**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/5/2007 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,

Ranjit K. K. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **EXP-3-0507** | **07-05-0479-1** | **05/04/07** | **Aqueous** | **GC 1** | **05/15/07** | **05/15/07** | **070515B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 85 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-12-0507** | **07-05-0479-6** | **05/04/07** | **Aqueous** | **GC 1** | **05/08/07** | **05/09/07** | **070508B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 76 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-247-653** | **N/A** | **Aqueous** | **GC 1** | **05/08/07** | **05/08/07** | **070508B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 73 | 38-134 | | | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-247-680** | **N/A** | **Aqueous** | **GC 1** | **05/15/07** | **05/15/07** | **070515B01** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Gasoline | ND | 100 | 1 | | ug/L |
| **Surrogates:** | **REC (%)** | **Control Limits** | | **Qual** | |
| 1,4-Bromofluorobenzene | 75 | 38-134 | | | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| EXP-3-0507 | 07-05-0479-1 | 05/04/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B09 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| TF-21-0507 | 07-05-0479-2 | 05/04/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B09 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 3200 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 110 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-35-0507 | 07-05-0479-3 | 05/04/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B09 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 4700 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 115 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| TF-16-0507 | 07-05-0479-4 | 05/04/07 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B09 |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 13000 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 116 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/05/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 3510C |
| | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000 

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-44-0507** | **07-05-0479-5** | **05/04/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B09** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 160 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 128 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-12-0507** | **07-05-0479-6** | **05/04/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B09** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 440 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 122 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **GMW-12DUP-0507** | **07-05-0479-7** | **05/04/07** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B09** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | 420 | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 109 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-12-382-8** | **N/A** | **Aqueous** | **GC 23** | **05/07/07** | **05/08/07** | **070507B09** |

| Parameter | Result | RL | DF | Qual | Units |
|---|---|---|---|---|---|
| TPH as Fuel Product | ND | 100 | 1 | | ug/L |

| Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|
| Decachlorobiphenyl | 103 | 68-140 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/05/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8021B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 — Page 1 of 1

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| TF-21-0507 | 07-05-0479-2 | 05/04/07 | Aqueous | GC 21 | 05/15/07 | 05/16/07 | 070515B02 |

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 80 | 0.50 | 1 | | Xylenes (total) | 2.2 | 1.0 | 1 | |
| Toluene | 0.93 | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | 7.2 | 5.0 | 1 | Z |
| Ethylbenzene | 0.86 | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 95 | 70-130 | | | | | | | |

| GMW-35-0507 | 07-05-0479-3 | 05/04/07 | Aqueous | GC 21 | 05/15/07 | 05/16/07 | 070515B02 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 21 | 0.50 | 1 | | Xylenes (total) | 5.3 | 1.0 | 1 | |
| Toluene | 0.86 | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | 6.1 | 5.0 | 1 | |
| Ethylbenzene | 1.3 | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 100 | 70-130 | | | | | | | |

| TF-16-0507 | 07-05-0479-4 | 05/04/07 | Aqueous | GC 21 | 05/15/07 | 05/16/07 | 070515B02 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 520 | 2.5 | 5 | | Xylenes (total) | 10 | 5.0 | 5 | |
| Toluene | ND | 2.5 | 5 | | Methyl-t-Butyl Ether (MTBE) | ND | 25 | 5 | |
| Ethylbenzene | 5.4 | 2.5 | 5 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 85 | 70-130 | | | | | | | |

| GMW-44-0507 | 07-05-0479-5 | 05/04/07 | Aqueous | GC 21 | 05/15/07 | 05/16/07 | 070515B02 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | 8.3 | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 84 | 70-130 | | | | | | | |

| Method Blank | 099-12-283-129 | N/A | Aqueous | GC 21 | 05/15/07 | 05/16/07 | 070515B02 |
|---|---|---|---|---|---|---|---|

| Parameter | Result | RL | DF | Qual | Parameter | Result | RL | DF | Qual |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.50 | 1 | | Xylenes (total) | ND | 1.0 | 1 | |
| Toluene | ND | 0.50 | 1 | | Methyl-t-Butyl Ether (MTBE) | ND | 5.0 | 1 | |
| Ethylbenzene | ND | 0.50 | 1 | | | | | | |
| Surrogates: | REC (%) | Control Limits | | Qual | | | | | |
| 1,4-Bromofluorobenzene | 84 | 70-130 | | | | | | | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/05/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 — Page 1 of 6

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| EXP-3-0507 | 07-05-0479-1 | 05/04/07 | Aqueous | GC/MS JJ | 05/11/07 | 05/12/07 | 070511L02 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 116 | 74-140 | | 1,2-Dichloroethane-d4 | 124 | 74-146 | |
| Toluene-d8 | 94 | 88-112 | | 1,4-Bromofluorobenzene | 80 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/05/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |

Project: DFSP NORWALK / 743447-02000 — Page 2 of 6

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-12-0507 | 07-05-0479-6 | 05/04/07 | Aqueous | GC/MS JJ | 05/11/07 | 05/12/07 | 070511L02 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 120 | 74-140 | | 1,2-Dichloroethane-d4 | 129 | 74-146 | |
| Toluene-d8 | 93 | 88-112 | | 1,4-Bromofluorobenzene | 79 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| GMW-12DUP-0507 | 07-05-0479-7 | 05/04/07 | Aqueous | GC/MS JJ | 05/11/07 | 05/12/07 | 070511L02 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 123 | 74-140 | | 1,2-Dichloroethane-d4 | 131 | 74-146 | |
| Toluene-d8 | 95 | 88-112 | | 1,4-Bromofluorobenzene | 81 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **TRIP BLANK** | **07-05-0479-8** | **05/04/07** | **Aqueous** | **GC/MS JJ** | **05/12/07** | **05/12/07** | **070512L01** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 120 | 74-140 | | 1,2-Dichloroethane-d4 | 124 | 74-146 | |
| Toluene-d8 | 96 | 88-112 | | 1,4-Bromofluorobenzene | 81 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Analytical Report

| | | |
|---|---|---|
| Parsons, Inc. | Date Received: | 05/05/07 |
| 100 West Walnut Street | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | Preparation: | EPA 5030B |
| | Method: | EPA 8260B |
| | Units: | ug/L |
| Project: DFSP NORWALK / 743447-02000 | | Page 5 of 6 |

| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | **099-10-006-21,340** | **N/A** | **Aqueous** | **GC/MS JJ** | **05/11/07** | **05/12/07** | **070511L02** |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 119 | 74-140 | | 1,2-Dichloroethane-d4 | 124 | 74-146 | |
| Toluene-d8 | 96 | 88-112 | | 1,4-Bromofluorobenzene | 77 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

# Analytical Report

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

| | |
|---|---|
| Date Received: | 05/05/07 |
| Work Order No: | 07-05-0479 |
| Preparation: | EPA 5030B |
| Method: | EPA 8260B |
| Units: | ug/L |

Project: DFSP NORWALK / 743447-02000



| Client Sample Number | Lab Sample Number | Date Collected | Matrix | Instrument | Date Prepared | Date Analyzed | QC Batch ID |
|---|---|---|---|---|---|---|---|
| **Method Blank** | 099-10-006-21,343 | N/A | Aqueous | GC/MS JJ | 05/12/07 | 05/12/07 | 070512L01 |

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

| Surrogates: | REC (%) | Control Limits | Qual | Surrogates: | REC (%) | Control Limits | Qual |
|---|---|---|---|---|---|---|---|
| Dibromofluoromethane | 118 | 74-140 | | 1,2-Dichloroethane-d4 | 122 | 74-146 | |
| Toluene-d8 | 95 | 88-112 | | 1,4-Bromofluorobenzene | 77 | 74-110 | |

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

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | 05/05/07 |
| 100 West Walnut Street | | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0511-2 | Aqueous | GC 1 | 05/08/07 | 05/09/07 | 070508S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 101 | 101 | 68-122 | 0 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0844-1 | Aqueous | GC 1 | 05/15/07 | 05/15/07 | 070515S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Gasoline | 88 | 81 | 68-122 | 9 | 0-18 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH NELAC

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 5030B
Method: EPA 8021B

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| GMW-44-0507 | Aqueous | GC 21 | 05/15/07 | 05/16/07 | 070515S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 89 | 86 | 57-129 | 3 | 0-23 | |
| Toluene | 86 | 83 | 50-134 | 3 | 0-26 | |
| Ethylbenzene | 84 | 85 | 58-130 | 1 | 0-26 | |
| p/m-Xylene | 92 | 90 | 58-130 | 3 | 0-28 | |
| o-Xylene | 87 | 87 | 57-123 | 0 | 0-26 | |
| Methyl-t-Butyl Ether (MTBE) | 84 | 82 | 44-134 | 2 | 0-27 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 5030B
Method: EPA 8260B

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| GMW-12-0507 | Aqueous | GC/MS JJ | 05/11/07 | 05/12/07 | 070511S02 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 98 | 96 | 88-118 | 2 | 0-7 | |
| Carbon Tetrachloride | 103 | 99 | 67-145 | 4 | 0-11 | |
| Chlorobenzene | 99 | 94 | 88-118 | 5 | 0-7 | |
| 1,2-Dichlorobenzene | 93 | 91 | 86-116 | 3 | 0-8 | |
| 1,1-Dichloroethene | 98 | 96 | 70-130 | 2 | 0-25 | |
| Toluene | 101 | 98 | 87-123 | 2 | 0-8 | |
| Trichloroethene | 94 | 92 | 79-127 | 2 | 0-10 | |
| Vinyl Chloride | 85 | 93 | 69-129 | 9 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 100 | 99 | 71-131 | 1 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 93 | 88 | 36-168 | 5 | 0-45 | |
| Diisopropyl Ether (DIPE) | 106 | 103 | 81-123 | 3 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 99 | 98 | 72-126 | 2 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 93 | 95 | 72-126 | 2 | 0-12 | |
| Ethanol | 108 | 99 | 53-149 | 9 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Spike/Spike Duplicate

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

Date Received: 05/05/07
Work Order No: 07-05-0479
Preparation: EPA 5030B
Method: EPA 8260B

Project DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---|---|---|---|---|---|
| 07-05-0984-1 | Aqueous | GC/MS JJ | 05/12/07 | 05/12/07 | 070512S01 |

| Parameter | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| Benzene | 100 | 98 | 88-118 | 2 | 0-7 | |
| Carbon Tetrachloride | 107 | 104 | 67-145 | 2 | 0-11 | |
| Chlorobenzene | 98 | 96 | 88-118 | 2 | 0-7 | |
| 1,2-Dichlorobenzene | 94 | 96 | 86-116 | 2 | 0-8 | |
| 1,1-Dichloroethene | 103 | 100 | 70-130 | 3 | 0-25 | |
| Toluene | 103 | 100 | 87-123 | 3 | 0-8 | |
| Trichloroethene | 98 | 96 | 79-127 | 2 | 0-10 | |
| Vinyl Chloride | 93 | 94 | 69-129 | 2 | 0-13 | |
| Methyl-t-Butyl Ether (MTBE) | 97 | 97 | 71-131 | 0 | 0-13 | |
| Tert-Butyl Alcohol (TBA) | 76 | 77 | 36-168 | 1 | 0-45 | |
| Diisopropyl Ether (DIPE) | 108 | 104 | 81-123 | 3 | 0-9 | |
| Ethyl-t-Butyl Ether (ETBE) | 97 | 97 | 72-126 | 0 | 0-12 | |
| Tert-Amyl-Methyl Ether (TAME) | 90 | 91 | 72-126 | 1 | 0-12 | |
| Ethanol | 97 | 99 | 53-149 | 2 | 0-31 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Laboratory Control Sample

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Analyzed | Lab File ID | LCS Batch Number |
|---|---|---|---|---|---|
| 099-12-247-653 | Aqueous | GC 1 | 05/08/07 | 003F0301 | 070508B01 |

| Parameter | Conc Added | Conc Recovered | LCS %Rec | %Rec CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Gasoline | 2000 | 1920 | 96 | 78-120 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Laboratory Control Sample

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Analyzed | Lab File ID | LCS Batch Number |
|---|---|---|---|---|---|
| 099-12-247-680 | Aqueous | GC 1 | 05/15/07 | 004F0401 | 070515B01 |

| Parameter | Conc Added | Conc Recovered | LCS %Rec | %Rec CL | Qualifiers |
|---|---|---|---|---|---|
| TPH as Gasoline | 2000 | 1850 | 93 | 78-120 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - LCS/LCS Duplicate

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

| | |
|---|---|
| Date Received: | N/A |
| Work Order No: | 07-05-0479 |
| Preparation: | EPA 3510C |
| Method: | EPA 8015B (M) |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---|---|---|---|---|---|
| 099-12-382-8 | Aqueous | GC 23 | 05/07/07 | 05/08/07 | 070507B09 |

| Parameter | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|---|---|---|---|---|---|---|
| TPH as Fuel Product | 90 | 98 | 75-117 | 8 | 0-13 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Laboratory Control Sample

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8021B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Analyzed | Lab File ID | LCS Batch Number |
|---|---|---|---|---|---|
| 099-12-283-129 | Aqueous | GC 21 | 05/16/07 | 021F2101 | 070515B02 |

| Parameter | Conc Added | Conc Recovered | LCS %Rec | %Rec CL | Qualifiers |
|---|---|---|---|---|---|
| Benzene | 100 | 88.3 | 88 | 70-118 | |
| Toluene | 100 | 85.7 | 86 | 66-114 | |
| Ethylbenzene | 100 | 85.8 | 86 | 72-114 | |
| p/m-Xylene | 200 | 189 | 95 | 74-116 | |
| o-Xylene | 100 | 89.0 | 89 | 72-114 | |
| Methyl-t-Butyl Ether (MTBE) | 100 | 88.2 | 88 | 41-137 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Laboratory Control Sample

ACCREDITED IN ACCORDANCE WITH ISO/IEC 17025 ACLASS

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Analyzed | Lab File ID | LCS Batch Number |
|---|---|---|---|---|---|
| 099-10-006-21,340 | Aqueous | GC/MS JJ | 05/12/07 | 11MAY027.rr | 070511L02 |

| Parameter | Conc Added | Conc Recovered | LCS %Rec | %Rec CL | Qualifiers |
|---|---|---|---|---|---|
| Benzene | 50.0 | 48.3 | 97 | 84-120 | |
| Carbon Tetrachloride | 50.0 | 50.7 | 101 | 63-147 | |
| Chlorobenzene | 50.0 | 48.0 | 96 | 89-119 | |
| 1,2-Dichlorobenzene | 50.0 | 46.7 | 93 | 89-119 | |
| 1,1-Dichloroethene | 50.0 | 48.7 | 97 | 77-125 | |
| Toluene | 50.0 | 49.8 | 100 | 83-125 | |
| Trichloroethene | 50.0 | 49.0 | 98 | 89-119 | |
| Vinyl Chloride | 50.0 | 44.0 | 88 | 63-135 | |
| Methyl-t-Butyl Ether (MTBE) | 50.0 | 47.5 | 95 | 82-118 | |
| Tert-Butyl Alcohol (TBA) | 250 | 205 | 82 | 46-154 | |
| Diisopropyl Ether (DIPE) | 50.0 | 50.7 | 101 | 81-123 | |
| Ethyl-t-Butyl Ether (ETBE) | 50.0 | 47.2 | 94 | 74-122 | |
| Tert-Amyl-Methyl Ether (TAME) | 50.0 | 44.9 | 90 | 76-124 | |
| Ethanol | 500 | 504 | 101 | 60-138 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Quality Control - Laboratory Control Sample

| | | | |
|---|---|---|---|
| Parsons, Inc. | | Date Received: | N/A |
| 100 West Walnut Street | | Work Order No: | 07-05-0479 |
| Pasadena, CA 91124-0002 | | Preparation: | EPA 5030B |
| | | Method: | EPA 8260B |

Project: DFSP NORWALK / 743447-02000

| Quality Control Sample ID | Matrix | Instrument | Date Analyzed | Lab File ID | LCS Batch Number |
|---|---|---|---|---|---|
| 099-10-006-21,343 | Aqueous | GC/MS JJ | 05/12/07 | 12MAY004.rr | 070512L01 |

| Parameter | Conc Added | Conc Recovered | LCS %Rec | %Rec CL | Qualifiers |
|---|---|---|---|---|---|
| Benzene | 50.0 | 50.5 | 101 | 84-120 | |
| Carbon Tetrachloride | 50.0 | 54.7 | 109 | 63-147 | |
| Chlorobenzene | 50.0 | 49.9 | 100 | 89-119 | |
| 1,2-Dichlorobenzene | 50.0 | 48.4 | 97 | 89-119 | |
| 1,1-Dichloroethene | 50.0 | 51.5 | 103 | 77-125 | |
| Toluene | 50.0 | 51.8 | 104 | 83-125 | |
| Trichloroethene | 50.0 | 51.1 | 102 | 89-119 | |
| Vinyl Chloride | 50.0 | 49.7 | 99 | 63-135 | |
| Methyl-t-Butyl Ether (MTBE) | 50.0 | 49.1 | 98 | 82-118 | |
| Tert-Butyl Alcohol (TBA) | 250 | 214 | 86 | 46-154 | |
| Diisopropyl Ether (DIPE) | 50.0 | 52.3 | 105 | 81-123 | |
| Ethyl-t-Butyl Ether (ETBE) | 50.0 | 48.6 | 97 | 74-122 | |
| Tert-Amyl-Methyl Ether (TAME) | 50.0 | 45.8 | 92 | 76-124 | |
| Ethanol | 500 | 540 | 108 | 60-138 | |

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

## Glossary of Terms and Qualifiers

Work Order Number: 07-05-0479

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

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

~~0480~~ (A) 0479

GID # SL204DM2394

# CHAIN OF CUSTODY RECORD

Date 5/5/2007

Page 1 of 1

| | |
|---|---|
| LABORATORY CLIENT: PARSONS | CLIENT PROJECT NAME / NUMBER: DFSP NORWALK / 743449-02000 |
| ADDRESS: 100 W. WALNUT ST. | PROJECT CONTACT: SUMEET GANDHI |
| CITY: PASADENA STATE: CA ZIP: 91124 | SAMPLER(S): (PRINT) |
| TEL: (626)440 2434 E-MAIL: SUMEET.GANDHI@PARSONS.COM | COELT LOG CODE |
| P.O. NO.: 0479 | LAB USE ONLY: 05-0479 (A) |
| | COOLER RECEIPT TEMP = °C |

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

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

SPECIAL INSTRUCTIONS:

**REQUESTED ANALYSES**

| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING Time ~~DATE~~ | SAMPLING Date ~~TIME~~ | MATRIX | NO. OF CONT. | TPH (G) | TPH (D) or FP | BTEX / MTBE (~~8260B~~) or 8021 | OXYGENATES (8260B) | VOCs (8260B) | 5035 ENCORE PREP | SVOCs (8270C) | PEST (8081A) | PCBs (8082) | CAC, T22 METALS (6010B) / 747 | PNAs (8310) or (8270C) | VOCs (TO-14A) or (TO-15) | TPH(G) (TO-3M) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | EXP3_0507 | | 11:40 | 5/4/07 | WG | 47 | X | X | | | X | | | | | | | | |
| 2 | TF21_0507 | | 12:21 | (B) | WG | 4 | | X | X | | | | | | | | | | |
| 3 | GMW35_0507 | | 12:35 | | WG | 4 | | X | X | | | | | | | | | | |
| 4 | TF16_0507 | | 13:05 | | WG | 4 | | X | X | | | | | | | | | | |
| 5 | GMW44_0507 | | 13:22 | | WG | 4 | | X | X | | | | | | | | | | |
| 6 | GMW12_0507 | | 13:45 | | WG | 7 | X | X | | | X | | | | | | | | |
| 7 | GMW12 DUP_0507 | | 13:48 | | WG | 4 | | X | | | X | | | | | | | | |
| 8 | TRIP BLANK | | — | ↓ | WQ | 2 | | | | | X | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) (CEL) | Date: 5/5/07 | Time: 1639 |
| Relinquished by: (Signature) | Received by: (Signature/Affiliation) | Date: | Time: |
| 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 2 of our T/Cs are printed on the reverse side of the G and Yellow copies respectively.

05' Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 05 - 0479 ~~0480~~ (RW)

Cooler ___, of 1

# SAMPLE RECEIPT FORM

CLIENT: PARSONS DATE: 5/5/07

**TEMPERATURE – SAMPLES RECEIVED BY:**

**CALSCIENCE COURIER:**

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

**LABORATORY (Other than Calscience Courier):**

_____ °C Temperature blank.
2.5 °C IR thermometer.
_____ Ambient temperature.

Initial: RW

**CUSTODY SEAL INTACT:**

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: RW

**SAMPLE CONDITION:**

| | Yes | No | N/A |
|---|---|---|---|
| Chain-Of-Custody document(s) received with samples | ✓ | | |
| Sampler's name indicated on COC | ✓ | | |
| Sample container label(s) consistent with custody papers | ✓ | | |
| Sample container(s) intact and good condition | ✓ | | |
| Correct containers and volume for analyses requested | ✓ | | |
| Proper preservation noted on sample label(s) | ✓ | | |
| VOA vial(s) free of headspace. | ✓ | | |
| Tedlar bag(s) free of condensation | | | ✓ |

Initial: RW

**COMMENTS:**

Per sample labels, collection date = 05/04/07 (RW)

**Billing Information :**

# CHAIN-OF-CUSTODY RECORD

CA

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

**WorkOrder : GMT07050425**

**Report Due By : 5:00 PM On : 15-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : **Yes**

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10069

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 04-May-07 | 04-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050425-01A | EXP-4 | AQ | 05/01/07 09:05 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050425-02A | WCW-4 | AQ | 05/01/07 09:35 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050425-03A | WCW-3 | AQ | 05/01/07 10:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050425-04A | WCW-2 | AQ | 05/01/07 16:05 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050425-05A | WCW-12 | AQ | 05/01/07 16:20 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050425-06A | WCW-13 | AQ | 05/01/07 16:37 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050425-07A | WCW-14 | AQ | 05/01/07 16:55 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050425-08A | WCW-5 | AQ | 05/01/07 17:17 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. :

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | K Murray | K Murray | Alpha Analytical, Inc. | 5/4/07 1415 |

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

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

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

**Samples Collected From Which State?**
AZ ___ CA ✓ NV ___ WA ___
ID ___ OR ___ OTHER ___



10069

| | | | |
|---|---|---|---|
| Client Name: SECOR International Inc. | P.O. # | Job #: KMEP-NORWALK | |
| Address: 11085 Knott Ave., Suite B | EMail Address: awagner@secor.com | | |
| City, State, Zip: Cypress, CA 90630 | Phone #: 714) 379-3366 | Fax #: 714) 379-3375 | |
| Sampled by: A. Wagner | Report Attention: swchou@geomatrix.com | | |

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # _____

| Time Sampled | Date Sampled | Matrix* See Key Below | Office Use Only / Lab ID Number | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | EPA 8260 VOCs | EPA 8015 FP | EPA 8015 TPHg | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0905 | 050107 | AQ | GMT070S042S-01 | EXP-4 | N | No | 8 VOA | X | X | X | |
| 0935 | | | 02 | WCW-4 | | | | X | X | X | |
| 1000 | | | 03 | WCW-3 | | | | X | X | X | |
| 1605 | | | 04 | WCW-2 | | | | X | X | X | |
| 1620 | | | 05 | WCW-12 | | | | X | X | X | |
| 1637 | | | 06 | WCW-13 | | | | X | X | X | |
| 1655 | | | 07 | WCW-14 | | | | X | X | X | |
| 1717 | ↓ | ↓ | 08 | WCW-5 | ↓ | ↓ | ↓ | X | X | X | |

**ADDITIONAL INSTRUCTIONS:**

| Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|
| Relinquished by: Ang-Wag | ANGIE WAGNER | SECOR | 5/3/07 | 1900 |
| Received by: FED EX AIR BILL NO. 8541 9700 4735 | | | | |
| Relinquished by | | | | |
| Received by: K Murray | K Murray | AAI | 5/4/07 | 1400 |
| Relinquished by | | | | |
| Received by | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samp[illegible]re discarded 60 days after results are reported unless other arrangements are made [illegible]azardous samples will be returned to client or disposed of at client expense. The repo[illegible]r the analysis of the above [illegible]es is applicable only to those samples received by the laboratory with this coc. Th[illegible]ility of the laboratory is limited to the amount paid for the report.

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

Attn: Shiow-Whei Chou
Phone: (949) 642-0245
Fax: (949) 642-4474
Date Received 05/04/07

Job#: KMEP-Norwalk

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

| | | Parameter | Concentration | | Reporting Limit | Date Sampled | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Client ID : | **EXP-4** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/01/07 | 05/08/07 |
| Lab ID : | GMT07050425-01A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |
| Client ID : | **WCW-4** | TPH-E (Fuel Product) | 0.25 | ** | 0.10 mg/L | 05/01/07 | 05/08/07 |
| Lab ID : | GMT07050425-02A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |
| Client ID : | **WCW-3** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/01/07 | 05/08/07 |
| Lab ID : | GMT07050425-03A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |
| Client ID : | **WCW-2** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/01/07 | 05/07/07 |
| Lab ID : | GMT07050425-04A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |
| Client ID : | **WCW-12** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/01/07 | 05/08/07 |
| Lab ID : | GMT07050425-05A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |
| Client ID : | **WCW-13** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/01/07 | 05/08/07 |
| Lab ID : | GMT07050425-06A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |
| Client ID : | **WCW-14** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/01/07 | 05/08/07 |
| Lab ID : | GMT07050425-07A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |
| Client ID : | **WCW-5** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/01/07 | 05/08/07 |
| Lab ID : | GMT07050425-08A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/01/07 | 05/09/07 |

**Note: Reported TPH-E (Fuel Product) may contain undifferentiated diesel range hydrocarbons.
Gasoline Range Organics (GRO) C4-C13
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
**Report Date**

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Newport Beach, CA 926633627
Job#: KMEP-Norwalk

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

Alpha Analytical Number: GMT07050425-01A
Client I.D. Number: EXP-4

Sampled: 05/01/07
Received: 05/04/07
Analyzed: 05/09/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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5/14/07
**Report Date**

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Newport Beach, CA 926633627
Job#: KMEP-Norwalk

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

Alpha Analytical Number: GMT07050425-02A
Client I.D. Number: WCW-4

Sampled: 05/01/07
Received: 05/04/07
Analyzed: 05/09/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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Alpha Analytical Number: GMT07050425-03A
Client I.D. Number: WCW-3

Sampled: 05/01/07
Received: 05/04/07
Analyzed: 05/09/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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


Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
Report Date

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050425-05A
Client I.D. Number: WCW-12

Sampled: 05/01/07
Received: 05/04/07
Analyzed: 05/09/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
**Report Date**

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050425-06A
Client I.D. Number: WCW-13

Sampled: 05/01/07
Received: 05/04/07
Analyzed: 05/09/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/14/07
**Report Date**

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050425-07A
Client I.D. Number: WCW-14

Sampled: 05/01/07
Received: 05/04/07
Analyzed: 05/09/07

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

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/14/07
**Report Date**

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050425-08A
Client I.D. Number: WCW-5

Sampled: 05/01/07
Received: 05/04/07
Analyzed: 05/09/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

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5/14/07
Report Date

# *Alpha Analytical, Inc.*

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


## VOC Sample Preservation Report

**Work Order:** GMT07050425 **Project:** KMEP-Norwalk

| Alpha's Sample ID | Client's Sample ID | Matrix | pH |
|---|---|---|---|
| 07050425-01A | EXP-4 | Aqueous | 2 |
| 07050425-02A | WCW-4 | Aqueous | 2 |
| 07050425-03A | WCW-3 | Aqueous | 2 |
| 07050425-04A | WCW-2 | Aqueous | 2 |
| 07050425-05A | WCW-12 | Aqueous | 2 |
| 07050425-06A | WCW-13 | Aqueous | 2 |
| 07050425-07A | WCW-14 | Aqueous | 2 |
| 07050425-08A | WCW-5 | Aqueous | 2 |

5/14/07

**Report Date**

# Alpha Analytical, Inc.

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


**Date:** *14-May-07*

## QC Summary Report

**Work Order:** 07050425

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 04:22**

Sample ID: **MBLK-17392** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (Fuel Product) | ND | 0.1 | | | | | | | | |
| Surr: Nonane | 97.9 | | 100 | | 98 | 46 | 148 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 04:55**

Sample ID: **LCS-17392** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.87 | 0.5 | 2.5 | | 115 | 65 | 130 | | | |
| Surr: Nonane | 99.2 | | 100 | | 99 | 46 | 148 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 18:27**

Sample ID: **07050425-03AMS** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.76 | 0.5 | 2.5 | 0 | 111 | 37 | 164 | | | |
| Surr: Nonane | 98 | | 100 | | 98 | 46 | 148 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 19:00**

Sample ID: **07050425-03AMSD** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.74 | 0.5 | 2.5 | 0 | 110 | 37 | 164 | 2.763 | 0.8(20) | |
| Surr: Nonane | 89.7 | | 100 | | 90 | 46 | 148 | | | |

**Comments:**

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

# Alpha Analytical, Inc.

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


**Date:** *14-May-07*

## QC Summary Report

**Work Order:** 07050425

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050842.D** Batch ID: **MS07W0508D** Analysis Date: **05/08/2007 23:38**

Sample ID: **MBLK MS07W0508D** Units : **mg/L** Run ID: **MSD_07_070508C** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | ND | 0.05 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0107 | | 0.01 | | 107 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00987 | | 0.01 | | 99 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00951 | | 0.01 | | 95 | 80 | 120 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050836.D** Batch ID: **MS07W0508D** Analysis Date: **05/08/2007 21:27**

Sample ID: **GLCS MS07W0508D** Units : **mg/L** Run ID: **MSD_07_070508C** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 0.369 | 0.05 | 0.4 | | 92 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0105 | | 0.01 | | 105 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00984 | | 0.01 | | 98 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00985 | | 0.01 | | 99 | 80 | 120 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050846.D** Batch ID: **MS07W0508D** Analysis Date: **05/09/2007 01:05**

Sample ID: **07050425-01AGS** Units : **mg/L** Run ID: **MSD_07_070508C** Prep Date: **05/09/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.81 | 0.25 | 2 | 0 | 90 | 60 | 131 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0523 | | 0.05 | | 105 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0491 | | 0.05 | | 98 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0471 | | 0.05 | | 94 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050847.D** Batch ID: **MS07W0508D** Analysis Date: **05/09/2007 01:27**

Sample ID: **07050425-01AGSD** Units : **mg/L** Run ID: **MSD_07_070508C** Prep Date: **05/09/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.84 | 0.25 | 2 | 0 | 92 | 60 | 131 | 1.81 | 1.7(20) | |
| Surr: 1,2-Dichloroethane-d4 | 0.0504 | | 0.05 | | 101 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0495 | | 0.05 | | 99 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0474 | | 0.05 | | 95 | 80 | 120 | | | |

**Comments:**

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

# Alpha Analytical, Inc.

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

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


**Date:** 14-May-07

## QC Summary Report

**Work Order:** 07050425

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050842.D** Batch ID: **MS07W0508C** Analysis Date: **05/08/2007 23:38**

Sample ID: **MBLK MS07W0508C** Units : **µg/L** Run ID: **MSD_07_070508C** Prep Date: **05/08/2007**

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

# Alpha Analytical, Inc.

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**Date:** 14-May-07

## QC Summary Report

**Work Order:** 07050425

| | | | | | | |
|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | 2 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.7 | 10 | 107 | 75 | 128 | |
| Surr: Toluene-d8 | 9.87 | 10 | 99 | 80 | 120 | |
| Surr: 4-Bromofluorobenzene | 9.51 | 10 | 95 | 80 | 120 | |

### Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050838.D** Batch ID: **MS07W0508C** Analysis Date: **05/08/2007 22:13**

Sample ID: **LCS MS07W0508C** Units : **µg/L** Run ID: **MSD_07_070508C** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 9.56 | 1 | 10 | | 96 | 80 | 120 | | | |
| Methyl tert-butyl ether (MTBE) | 8.74 | 0.5 | 10 | | 87 | 70 | 130 | | | |
| Benzene | 9.49 | 0.5 | 10 | | 95 | 70 | 130 | | | |
| Trichloroethene | 10.3 | 1 | 10 | | 103 | 70 | 130 | | | |
| Toluene | 9.53 | 0.5 | 10 | | 95 | 80 | 120 | | | |
| Chlorobenzene | 9.59 | 1 | 10 | | 96 | 70 | 130 | | | |
| Ethylbenzene | 9.68 | 0.5 | 10 | | 97 | 80 | 120 | | | |
| m,p-Xylene | 9.86 | 0.5 | 10 | | 99 | 70 | 130 | | | |
| o-Xylene | 10 | 0.5 | 10 | | 100 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.1 | | 10 | | 101 | 75 | 128 | | | |
| Surr: Toluene-d8 | 10.2 | | 10 | | 102 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 9.64 | | 10 | | 96 | 80 | 120 | | | |

### Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050844.D** Batch ID: **MS07W0508C** Analysis Date: **05/09/2007 00:20**

Sample ID: **07050425-01AMS** Units : **µg/L** Run ID: **MSD_07_070508C** Prep Date: **05/09/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 39.7 | 2.5 | 50 | 0 | 79 | 66 | 132 | | | |
| Methyl tert-butyl ether (MTBE) | 42.3 | 1.3 | 50 | 0 | 85 | 62 | 139 | | | |
| Benzene | 43 | 1.3 | 50 | 0 | 86 | 70 | 130 | | | |
| Trichloroethene | 43.7 | 2.5 | 50 | 0 | 87 | 69 | 130 | | | |
| Toluene | 42.5 | 1.3 | 50 | 0 | 85 | 67 | 130 | | | |
| Chlorobenzene | 44.5 | 2.5 | 50 | 0 | 89 | 70 | 130 | | | |
| Ethylbenzene | 42.5 | 1.3 | 50 | 0 | 85 | 70 | 130 | | | |
| m,p-Xylene | 42.6 | 1.3 | 50 | 0 | 85 | 69 | 130 | | | |
| o-Xylene | 45.5 | 1.3 | 50 | 0 | 91 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 52.6 | | 50 | | 105 | 75 | 128 | | | |
| Surr: Toluene-d8 | 50.3 | | 50 | | 101 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 47 | | 50 | | 94 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050845.D** Batch ID: **MS07W0508C** Analysis Date: **05/09/2007 00:42**

Sample ID: **07050425-01AMSD** Units : **µg/L** Run ID: **MSD_07_070508C** Prep Date: **05/09/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43 | 2.5 | 50 | 0 | 86 | 66 | 132 | 39.74 | 8.0(20) | |
| Methyl tert-butyl ether (MTBE) | 42.8 | 1.3 | 50 | 0 | 86 | 62 | 139 | 42.25 | 1.4(20) | |
| Benzene | 45.1 | 1.3 | 50 | 0 | 90 | 70 | 130 | 42.99 | 4.7(20) | |
| Trichloroethene | 46.2 | 2.5 | 50 | 0 | 92 | 69 | 130 | 43.73 | 5.5(20) | |
| Toluene | 44.9 | 1.3 | 50 | 0 | 90 | 67 | 130 | 42.46 | 5.7(20) | |
| Chlorobenzene | 46.3 | 2.5 | 50 | 0 | 93 | 70 | 130 | 44.45 | 4.1(20) | |
| Ethylbenzene | 45.5 | 1.3 | 50 | 0 | 91 | 70 | 130 | 42.54 | 6.7(20) | |
| m,p-Xylene | 45.4 | 1.3 | 50 | 0 | 91 | 69 | 130 | 42.61 | 6.4(20) | |
| o-Xylene | 47.4 | 1.3 | 50 | 0 | 95 | 70 | 130 | 45.48 | 4.1(20) | |
| Surr: 1,2-Dichloroethane-d4 | 50.6 | | 50 | | 101 | 75 | 128 | | | |
| Surr: Toluene-d8 | 50.1 | | 50 | | 100 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 48 | | 50 | | 96 | 80 | 120 | | | |

**Comments:**

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

CA

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

**WorkOrder : GMT07050424**

**Report Due By : 5:00 PM On : 15-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10071, 10070

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 04-May-07 | 04-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050424-01A | HL-2 | AQ | 05/02/07 09:08 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-02A | PW-3 | AQ | 05/02/07 09:24 | 7 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | Rec'd 1 voa broken |
| GMT07050424-03A | PW-2 | AQ | 05/02/07 09:45 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-04A | GMW-27 | AQ | 05/02/07 09:51 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-05A | GRW-1 | AQ | 05/02/07 11:04 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-06A | GMW-2 | AQ | 05/02/07 11:33 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-07A | EXP-1 | AQ | 05/02/07 11:54 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-08A | MW-21(MID) | AQ | 05/02/07 13:44 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. :

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | K Murray | K Murray | Alpha Analytical, Inc. | 5/4/07 1320 |

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

CA

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

**WorkOrder : GMT07050424**

**Report Due By : 5:00 PM On : 15-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10071, 10070

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 04-May-07 | 04-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050424-09A | HL-3 | AQ | 05/02/07 13:27 | 7 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | Rec'd 1 voa broken |
| GMT07050424-10A | MW-19(MID) | AQ | 05/02/07 14:05 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-11A | MW-7 | AQ | 05/02/07 14:17 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-12A | EXP-2 | AQ | 05/02/07 14:40 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-13A | WCW-8 | AQ | 05/02/07 15:21 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-14A | WCW-7 | AQ | 05/02/07 16:24 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-15A | WCW-6 | AQ | 05/02/07 16:45 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050424-16A | ZDS-1 | AQ | 05/02/07 00:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. :

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | Kmurray | K Murray | Alpha Analytical, Inc. | 5/4/07 1320 |

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

CA

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

**WorkOrder : GMT07050424**

**Report Due By : 5:00 PM On : 15-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10071, 10070

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 04-May-07 | 04-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050424-17A | QCTB-1 | AQ | 05/02/07 00:00 | 3 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | Reno Trip Blanks 4/16/07 |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. :

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | K Murray | K Murray | Alpha Analytical, Inc. | 5/4/07 1330 |

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

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

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

**Samples Collected From Which State?**
AZ ___ CA ✓ NV ___ WA ___
ID ___ OR ___ OTHER ___



10071

Client Name: SECOR International Inc.
Address: 11085 Knott Ave. Suite B
City, State, Zip: Cypress, CA 90630
P.O. #:
Job #: KMEP-NORWALK
EMail Address: awagner@secor.com
Phone #: 714) 379-3366
Fax #: 714) 379-3375
Report Attention: Shiow-Whei Chou @ Geomatrix

Required QC Level? I II III IV
EDD / EDF? YES ___ NO ___
Global ID # ___

Analyses Required: 8260 - VOCs; 8015 - FP; 8015 - TPHg

| Time Sampled | Date Sampled | Matrix* See Key Below | Office Use Only Lab ID Number | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | 8260 | 8015 | 8015 | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0908 | 050207 | AQ | GMT070504-01 | HL-2 | N | No | 8 VOA | X | X | X | |
| 0924 | | | 02 | PW-3 | | | | X | X | X | rec'd 1 voa broken |
| 0945 | | | 03 | PW-2 | | | | X | X | X | |
| 0951 | | | 04 | GMW-27 | | | | X | X | X | |
| 1104 | | | 05 | GRW-1 | | | | X | X | X | |
| 1133 | | | 06 | GMW-2 | | | | X | X | X | |
| 1154 | | | 07 | EXP-1 | | | | X | X | X | |
| 1344 | | | 08 | MW-21 (MID) | | | | X | X | X | |
| 1327 | | | 09 | HL-3 | | | | X | X | X | rec'd 1 broken voa |
| 1405 | | | 10 | MW-19 (MID) | | | | X | X | X | |
| 1417 | | | 11 | MW-7 | | | | X | X | X | |
| 1440 | | | 12 | EXP-2 | | | | X | X | X | |
| 1521 | | | 13 | WCW-8 | | | | X | X | X | |

**ADDITIONAL INSTRUCTIONS:**
SEND REPORT TO Shiow-Whei Chou @ Geomatrix

| | Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|---|
| Relinquished by | | Angie Wagner | SECOR | 5/3/07 | 19:00 |
| Received by | FED EX AIRBILL No. 8541 9700 4735 | | | | |
| Relinquished by | | | | | |
| Received by | | K Murray | AAI | 5/4/07 | 1300 |
| Relinquished by | | | | | |
| Received by | | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Sample[illegible] discarded 60 days after results are reported unless other arrangements are made. [illegible]ardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above s[illegible]s is applicable only to those samples received by the laboratory with this coc. The [illegible]y of the laboratory is limited to the amount paid for the report.

**Billing Information:**
Name KMEP
Address 1100 Town and Country
City, State, Zip Orange, CA
Phone Number _____ Fax _____

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

**Samples Collected From Which State?**
AZ ___ CA ✓ NV ___ WA ___
ID ___ OR ___ OTHER ___



10070

Client Name: SECOR International Inc.
Address: 11085 Knott Ave., Suite B
City, State, Zip: Cypress, CA 90630
P.O. #:
Job #: KMEP-Norwalk
EMail Address: awagner@secor.com
Phone #: 714) 379-3366
Fax #: 714) 379-3375
Report Attention: Shiow-Whei Chou & Geomatrix
Sampled by: A. Wagner

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # _____

| Time Sampled | Date Sampled | Matrix* See Key Below | Office Use Only Lab ID Number | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | 8260-VOCs | 8015 - FP | 8015 - TPHg | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1624 | 050207 | AQ | GMT07050424-14 | MW-7 | N | No | 8 VOA | X | X | X | | | | | |
| 1645 | ↓ | ↓ | 15 | MW-6 | ↓ | ↓ | | X | X | X | | | | | |
| — | ↓ | ↓ | 16 | EDS-1 | ↓ | ↓ | | X | X | X | | | | | |
| — | — | AQ | 17 | QCTB-1 | N | No | ~~8 VOA~~ 3 VOA | X | | X | | | | | TRIP BLANK |

**ADDITIONAL INSTRUCTIONS:**

| | Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|---|
| Relinquished by | | Angie Wagner | SECOR | 5/3/07 | 19:00 |
| Received by | FED AIR BILL NO. 8541 | 9700 4735 | | | |
| Relinquished by | | | | | |
| Received by | K Murray | K Murray | AM | 5/4/07 | 1300 |
| Relinquished by | | | | | |
| Received by | | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**NOTE:** Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

Attn: Shiow-Whei Chou
Phone: (949) 642-0245
Fax: (949) 642-4474
Date Received : 05/04/07

Job#: KMEP-Norwalk

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

| | | Parameter | Concentration | | Reporting Limit | Date Sampled | Date Analyzed |
|---|---|---|---|---|---|---|---|
| Client ID : | **HL-2** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-01A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **PW-3** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-02A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **PW-2** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-03A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **GMW-27** | TPH-E (Fuel Product) | 0.86 | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-04A | TPH-P (GRO) | 13 | | 10 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **GRW-1** | TPH-E (Fuel Product) | 0.72 | ** | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-05A | TPH-P (GRO) | 0.75 | | 0.20 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **GMW-2** | TPH-E (Fuel Product) | 0.11 | ** | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-06A | TPH-P (GRO) | 0.16 | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **EXP-1** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-07A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **MW-21(MID)** | TPH-E (Fuel Product) | 0.11 | * | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-08A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **HL-3** | TPH-E (Fuel Product) | 0.29 | * | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-09A | TPH-P (GRO) | 0.081 | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **MW-19(MID)** | TPH-E (Fuel Product) | 0.20 | * | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-10A | TPH-P (GRO) | 0.061 | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **MW-7** | TPH-E (Fuel Product) | 0.16 | * | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-11A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **EXP-2** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-12A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **WCW-8** | TPH-E (Fuel Product) | 0.16 | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-13A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **WCW-7** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-14A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **WCW-6** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-15A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |
| Client ID : | **ZDS-1** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-16A | TPH-P (GRO) | ND | | 0.050 mg/L | 05/02/07 | 05/08/07 |

# *Alpha Analytical, Inc.*

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

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


| | | | | | | |
|---|---|---|---|---|---|---|
| Client ID : | **QCTB-1** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/02/07 | 05/08/07 |
| Lab ID : | GMT07050424-17A | TPH-P (GRO) | ND | 0.050 mg/L | 05/02/07 | 05/08/07 |

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

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

Gasoline Range Organics (GRO) C4-C13

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


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

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07

**Report Date**

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-01A
Client I.D. Number: HL-2

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/14/07
**Report Date**

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-02A
Client I.D. Number: PW-3

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-03A
Client I.D. Number: PW-2

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | 0.57 | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | | | | |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | | | | |
| 34 | Toluene | ND | 0.50 | µg/L | | | | |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/14/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-04A
Client I.D. Number: GMW-27

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

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

| | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 100 | µg/L |
| 2 | Chloromethane | ND | 400 | µg/L |
| 3 | Vinyl chloride | ND | 100 | µg/L |
| 4 | Chloroethane | ND | 100 | µg/L |
| 5 | Bromomethane | ND | 400 | µg/L |
| 6 | Trichlorofluoromethane | ND | 100 | µg/L |
| 7 | Acetone | ND | 2,000 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 100 | µg/L |
| 9 | Dichloromethane | ND | 400 | µg/L |
| 10 | Freon-113 | ND | 100 | µg/L |
| 11 | Carbon disulfide | ND | 500 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 100 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 230 | 50 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 100 | µg/L |
| 15 | Vinyl acetate | ND | 10,000 | µg/L |
| | 2-Butanone (MEK) | ND | 2,000 | µg/L |
| | cis-1,2-Dichloroethene | ND | 100 | µg/L |
| 18 | Bromochloromethane | ND | 100 | µg/L |
| 19 | Chloroform | ND | 100 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 100 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 100 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 100 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 100 | µg/L |
| 24 | Carbon tetrachloride | ND | 100 | µg/L |
| 25 | Benzene | 7,400 | 50 | µg/L |
| 26 | Dibromomethane | ND | 100 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 100 | µg/L |
| 28 | Trichloroethene | ND | 100 | µg/L |
| 29 | Bromodichloromethane | ND | 100 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 500 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 100 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 100 | µg/L |
| 33 | 1,1,2-Trichloroethane | ND | 100 | µg/L |
| 34 | Toluene | ND | 50 | µg/L |
| 35 | 1,3-Dichloropropane | ND | 100 | µg/L |
| 36 | 2-Hexanone | ND | 1,000 | µg/L |
| 37 | Dibromochloromethane | ND | 100 | µg/L |
| 38 | 1,2-Dibromoethane (EDB) | ND | 400 | µg/L |
| 39 | Tetrachloroethene | ND | 100 | µg/L |
| 40 | 1,1,1,2-Tetrachloroethane | ND | 100 | µg/L |
| 41 | Chlorobenzene | ND | 100 | µg/L |
| 42 | Ethylbenzene | ND | 50 | µg/L |
| 43 | m,p-Xylene | ND | 50 | µg/L |
| 44 | Bromoform | ND | 100 | µg/L |
| 45 | Styrene | ND | 100 | µg/L |
| 46 | o-Xylene | ND | 50 | µg/L |
| 47 | 1,1,2,2-Tetrachloroethane | ND | 100 | µg/L |
| 48 | 1,2,3-Trichloropropane | ND | 400 | µg/L |
| 49 | Isopropylbenzene | ND | 100 | µg/L |
| 50 | Bromobenzene | ND | 100 | µg/L |
| 51 | n-Propylbenzene | ND | 100 | µg/L |
| 52 | 4-Chlorotoluene | ND | 100 | µg/L |
| 53 | 2-Chlorotoluene | ND | 100 | µg/L |
| 54 | 1,3,5-Trimethylbenzene | ND | 100 | µg/L |
| 55 | tert-Butylbenzene | ND | 100 | µg/L |
| 56 | 1,2,4-Trimethylbenzene | ND | 100 | µg/L |
| 57 | sec-Butylbenzene | ND | 100 | µg/L |
| 58 | 1,3-Dichlorobenzene | ND | 100 | µg/L |
| 59 | 1,4-Dichlorobenzene | ND | 100 | µg/L |
| 60 | 4-Isopropyltoluene | ND | 100 | µg/L |
| 61 | 1,2-Dichlorobenzene | ND | 100 | µg/L |
| 62 | n-Butylbenzene | ND | 600 | µg/L |
| 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 400 | µg/L |
| 64 | 1,2,4-Trichlorobenzene | ND | 400 | µg/L |
| 65 | Naphthalene | ND | 400 | µg/L |
| 66 | 1,2,3-Trichlorobenzene | ND | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/14/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-05A
Client I.D. Number: GRW-1

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit |
|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 2.0 µg/L | 36 | 2-Hexanone | ND | 20 µg/L |
| 2 | Chloromethane | ND | 8.0 µg/L | 37 | Dibromochloromethane | ND | 2.0 µg/L |
| 3 | Vinyl chloride | ND | 2.0 µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 8.0 µg/L |
| 4 | Chloroethane | ND | 2.0 µg/L | 39 | Tetrachloroethene | ND | 2.0 µg/L |
| 5 | Bromomethane | ND | 8.0 µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 2.0 µg/L |
| 6 | Trichlorofluoromethane | ND | 10 µg/L | 41 | Chlorobenzene | ND | 2.0 µg/L |
| 7 | Acetone | ND | 40 µg/L | 42 | Ethylbenzene | 12 | 1.0 µg/L |
| 8 | 1,1-Dichloroethene | ND | 2.0 µg/L | 43 | m,p-Xylene | 22 | 1.0 µg/L |
| 9 | Dichloromethane | ND | 8.0 µg/L | 44 | Bromoform | ND | 2.0 µg/L |
| 10 | Freon-113 | ND | 10 µg/L | 45 | Styrene | ND | 2.0 µg/L |
| 11 | Carbon disulfide | ND | 10 µg/L | 46 | o-Xylene | ND | 1.0 µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 2.0 µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 2.0 µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 4.1 | 1.0 µg/L | 48 | 1,2,3-Trichloropropane | ND | 8.0 µg/L |
| 14 | 1,1-Dichloroethane | ND | 2.0 µg/L | 49 | Isopropylbenzene | 4.9 | 2.0 µg/L |
| 15 | Vinyl acetate | ND | 200 µg/L | 50 | Bromobenzene | ND | 2.0 µg/L |
| 16 | 2-Butanone (MEK) | ND | 40 µg/L | 51 | n-Propylbenzene | 8.3 | 2.0 µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 2.0 µg/L | 52 | 4-Chlorotoluene | ND | 2.0 µg/L |
| 18 | Bromochloromethane | ND | 2.0 µg/L | 53 | 2-Chlorotoluene | ND | 2.0 µg/L |
| 19 | Chloroform | ND | 2.0 µg/L | 54 | 1,3,5-Trimethylbenzene | 4.5 | 2.0 µg/L |
| 20 | 2,2-Dichloropropane | ND | 2.0 µg/L | 55 | tert-Butylbenzene | ND | 2.0 µg/L |
| 21 | 1,2-Dichloroethane | ND | 2.0 µg/L | 56 | 1,2,4-Trimethylbenzene | 34 | 2.0 µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 2.0 µg/L | 57 | sec-Butylbenzene | 2.6 | 2.0 µg/L |
| 23 | 1,1-Dichloropropene | ND | 2.0 µg/L | 58 | 1,3-Dichlorobenzene | ND | 2.0 µg/L |
| 24 | Carbon tetrachloride | ND | 2.0 µg/L | 59 | 1,4-Dichlorobenzene | ND | 2.0 µg/L |
| 25 | Benzene | 170 | 1.0 µg/L | 60 | 4-Isopropyltoluene | ND | 2.0 µg/L |
| 26 | Dibromomethane | ND | 2.0 µg/L | 61 | 1,2-Dichlorobenzene | ND | 2.0 µg/L |
| 27 | 1,2-Dichloropropane | ND | 2.0 µg/L | 62 | n-Butylbenzene | ND | 2.0 µg/L |
| 28 | Trichloroethene | ND | 2.0 µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 12 µg/L |
| 29 | Bromodichloromethane | ND | 2.0 µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 8.0 µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 µg/L | 65 | Naphthalene | 16 | 10 µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 2.0 µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 8.0 µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 2.0 µg/L | | | | |
| 33 | 1,1,2-Trichloroethane | ND | 2.0 µg/L | | | | |
| 34 | Toluene | 1.3 | 1.0 µg/L | | | | |
| 35 | 1,3-Dichloropropane | ND | 2.0 µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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5/14/07
Report Date

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## ANALYTICAL REPORT

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Job#: KMEP-Norwalk

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

Alpha Analytical Number: GMT07050424-06A
Client I.D. Number: GMW-2

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 10 | µg/L |
| 2 | Chloromethane | ND | 4.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 1.0 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 4.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 4.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 20 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | 2.3 | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 5.0 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 5.8 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 4.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 100 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 20 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 1.0 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | 73 | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 6.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 4.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 1.0 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 4.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 1.0 | µg/L | | | | |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | | | | |
| 34 | Toluene | ND | 0.50 | µg/L | | | | |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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

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Phone: (949) 642-0245
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Alpha Analytical Number: GMT07050424-07A
Client I.D. Number: EXP-1

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
**Report Date**

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-08A
Client I.D. Number: MW-21(MID)

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L |
| 7 | Acetone | ND | 10 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 3.3 | 0.50 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L |
| | cis-1,2-Dichloroethene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | 0.73 | 0.50 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L |
| 34 | Toluene | ND | 0.50 | µg/L |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L |
| 36 | 2-Hexanone | ND | 5.0 | µg/L |
| 37 | Dibromochloromethane | ND | 1.0 | µg/L |
| 38 | 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 39 | Tetrachloroethene | ND | 1.0 | µg/L |
| 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 41 | Chlorobenzene | ND | 1.0 | µg/L |
| 42 | Ethylbenzene | ND | 0.50 | µg/L |
| 43 | m,p-Xylene | ND | 0.50 | µg/L |
| 44 | Bromoform | ND | 1.0 | µg/L |
| 45 | Styrene | ND | 1.0 | µg/L |
| 46 | o-Xylene | ND | 0.50 | µg/L |
| 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 48 | 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 49 | Isopropylbenzene | ND | 1.0 | µg/L |
| 50 | Bromobenzene | ND | 1.0 | µg/L |
| 51 | n-Propylbenzene | ND | 1.0 | µg/L |
| 52 | 4-Chlorotoluene | ND | 1.0 | µg/L |
| 53 | 2-Chlorotoluene | ND | 1.0 | µg/L |
| 54 | 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 55 | tert-Butylbenzene | ND | 1.0 | µg/L |
| 56 | 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 57 | sec-Butylbenzene | ND | 1.0 | µg/L |
| 58 | 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 59 | 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 60 | 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 61 | 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 62 | n-Butylbenzene | ND | 1.0 | µg/L |
| 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 64 | 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 65 | Naphthalene | ND | 10 | µg/L |
| 66 | 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/14/07
Report Date

# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-09A
Client I.D. Number: HL-3

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-10A
Client I.D. Number: MW-19(MID)

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 1.1 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | 2.2 | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | | | | |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | | | | |
| 34 | Toluene | ND | 0.50 | µg/L | | | | |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/14/07
Report Date

# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-11A
Client I.D. Number: MW-7

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit |
|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 µg/L | 36 | 2-Hexanone | ND | 5.0 µg/L |
| 2 | Chloromethane | ND | 2.0 µg/L | 37 | Dibromochloromethane | ND | 1.0 µg/L |
| 3 | Vinyl chloride | ND | 0.50 µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 2.0 µg/L |
| 4 | Chloroethane | ND | 1.0 µg/L | 39 | Tetrachloroethene | ND | 1.0 µg/L |
| 5 | Bromomethane | ND | 2.0 µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 µg/L |
| 6 | Trichlorofluoromethane | ND | 10 µg/L | 41 | Chlorobenzene | ND | 1.0 µg/L |
| 7 | Acetone | ND | 10 µg/L | 42 | Ethylbenzene | ND | 0.50 µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 µg/L | 43 | m,p-Xylene | ND | 0.50 µg/L |
| 9 | Dichloromethane | ND | 5.0 µg/L | 44 | Bromoform | ND | 1.0 µg/L |
| 10 | Freon-113 | ND | 10 µg/L | 45 | Styrene | ND | 1.0 µg/L |
| 11 | Carbon disulfide | ND | 2.5 µg/L | 46 | o-Xylene | ND | 0.50 µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 0.83 | 0.50 µg/L | 48 | 1,2,3-Trichloropropane | ND | 2.0 µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 µg/L | 49 | Isopropylbenzene | ND | 1.0 µg/L |
| 15 | Vinyl acetate | ND | 50 µg/L | 50 | Bromobenzene | ND | 1.0 µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 µg/L | 51 | n-Propylbenzene | ND | 1.0 µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 µg/L | 52 | 4-Chlorotoluene | ND | 1.0 µg/L |
| 18 | Bromochloromethane | ND | 1.0 µg/L | 53 | 2-Chlorotoluene | ND | 1.0 µg/L |
| 19 | Chloroform | ND | 1.0 µg/L | 54 | 1,3,5-Trimethylbenzene | ND | 1.0 µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 µg/L | 55 | tert-Butylbenzene | ND | 1.0 µg/L |
| 21 | 1,2-Dichloroethane | 0.64 | 0.50 µg/L | 56 | 1,2,4-Trimethylbenzene | ND | 1.0 µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 µg/L | 57 | sec-Butylbenzene | ND | 1.0 µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 µg/L | 58 | 1,3-Dichlorobenzene | ND | 1.0 µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 µg/L | 59 | 1,4-Dichlorobenzene | ND | 1.0 µg/L |
| 25 | Benzene | ND | 0.50 µg/L | 60 | 4-Isopropyltoluene | ND | 1.0 µg/L |
| 26 | Dibromomethane | ND | 1.0 µg/L | 61 | 1,2-Dichlorobenzene | ND | 1.0 µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 µg/L | 62 | n-Butylbenzene | ND | 1.0 µg/L |
| 28 | Trichloroethene | ND | 1.0 µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 µg/L |
| 29 | Bromodichloromethane | ND | 1.0 µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 2.0 µg/L |
| 30 | 4-Methyl-2-pentanone (MiBK) | ND | 10 µg/L | 65 | Naphthalene | ND | 10 µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 2.0 µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 µg/L | | | | |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 µg/L | | | | |
| 34 | Toluene | ND | 0.50 µg/L | | | | |
| 35 | 1,3-Dichloropropane | ND | 1.0 µg/L | | | | |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-12A
Client I.D. Number: EXP-2

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-13A
Client I.D. Number: WCW-8

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/14/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-14A
Client I.D. Number: WCW-7

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

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

| | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L |
| 7 | Acetone | ND | 10 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 6.4 | 0.50 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L |
| | 2-Butanone (MEK) | ND | 10 | µg/L |
| | cis-1,2-Dichloroethene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | 49 | 0.50 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L |
| 34 | Toluene | ND | 0.50 | µg/L |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L |
| 36 | 2-Hexanone | ND | 5.0 | µg/L |
| 37 | Dibromochloromethane | ND | 1.0 | µg/L |
| 38 | 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 39 | Tetrachloroethene | ND | 1.0 | µg/L |
| 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 41 | Chlorobenzene | ND | 1.0 | µg/L |
| 42 | Ethylbenzene | ND | 0.50 | µg/L |
| 43 | m,p-Xylene | ND | 0.50 | µg/L |
| 44 | Bromoform | ND | 1.0 | µg/L |
| 45 | Styrene | ND | 1.0 | µg/L |
| 46 | o-Xylene | ND | 0.50 | µg/L |
| 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 48 | 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 49 | Isopropylbenzene | ND | 1.0 | µg/L |
| 50 | Bromobenzene | ND | 1.0 | µg/L |
| 51 | n-Propylbenzene | ND | 1.0 | µg/L |
| 52 | 4-Chlorotoluene | ND | 1.0 | µg/L |
| 53 | 2-Chlorotoluene | ND | 1.0 | µg/L |
| 54 | 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 55 | tert-Butylbenzene | ND | 1.0 | µg/L |
| 56 | 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 57 | sec-Butylbenzene | ND | 1.0 | µg/L |
| 58 | 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 59 | 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 60 | 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 61 | 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 62 | n-Butylbenzene | ND | 5.0 | µg/L |
| 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 2.0 | µg/L |
| 64 | 1,2,4-Trichlorobenzene | ND | 10 | µg/L |
| 65 | Naphthalene | ND | 2.0 | µg/L |
| 66 | 1,2,3-Trichlorobenzene | ND | | |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/14/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-15A
Client I.D. Number: WCW-6

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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5/14/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-16A
Client I.D. Number: ZDS-1

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L |
| 7 | Acetone | ND | 10 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L |
| | cis-1,2-Dichloroethene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | 0.62 | 0.50 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L |
| 34 | Toluene | ND | 0.50 | µg/L |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L |
| 36 | 2-Hexanone | ND | 5.0 | µg/L |
| 37 | Dibromochloromethane | ND | 1.0 | µg/L |
| 38 | 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 39 | Tetrachloroethene | ND | 1.0 | µg/L |
| 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 41 | Chlorobenzene | ND | 1.0 | µg/L |
| 42 | Ethylbenzene | ND | 0.50 | µg/L |
| 43 | m,p-Xylene | ND | 0.50 | µg/L |
| 44 | Bromoform | ND | 1.0 | µg/L |
| 45 | Styrene | ND | 1.0 | µg/L |
| 46 | o-Xylene | ND | 0.50 | µg/L |
| 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 48 | 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 49 | Isopropylbenzene | ND | 1.0 | µg/L |
| 50 | Bromobenzene | ND | 1.0 | µg/L |
| 51 | n-Propylbenzene | ND | 1.0 | µg/L |
| 52 | 4-Chlorotoluene | ND | 1.0 | µg/L |
| 53 | 2-Chlorotoluene | ND | 1.0 | µg/L |
| 54 | 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 55 | tert-Butylbenzene | ND | 1.0 | µg/L |
| 56 | 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 57 | sec-Butylbenzene | ND | 1.0 | µg/L |
| 58 | 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 59 | 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 60 | 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 61 | 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 62 | n-Butylbenzene | ND | 1.0 | µg/L |
| 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 64 | 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 65 | Naphthalene | ND | 10 | µg/L |
| 66 | 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/14/07
**Report Date**

# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050424-17A
Client I.D. Number: QCTB-1

Sampled: 05/02/07
Received: 05/04/07
Analyzed: 05/08/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/14/07
Report Date

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## VOC Sample Preservation Report

**Work Order:** GMT07050424 **Project:** KMEP-Norwalk

| Alpha's Sample ID | Client's Sample ID | Matrix | pH |
|---|---|---|---|
| 07050424-01A | HL-2 | Aqueous | 4 |
| 07050424-02A | PW-3 | Aqueous | 2 |
| 07050424-03A | PW-2 | Aqueous | 2 |
| 07050424-04A | GMW-27 | Aqueous | 6 |
| 07050424-05A | GRW-1 | Aqueous | 2 |
| 07050424-06A | GMW-2 | Aqueous | 2 |
| 07050424-07A | EXP-1 | Aqueous | 2 |
| 07050424-08A | MW-21(MID) | Aqueous | 2 |
| 07050424-09A | HL-3 | Aqueous | 2 |
| 07050424-10A | MW-19(MID) | Aqueous | 2 |
| 07050424-11A | MW-7 | Aqueous | 2 |
| 07050424-12A | EXP-2 | Aqueous | 2 |
| 07050424-13A | WCW-8 | Aqueous | 2 |
| 07050424-14A | WCW-7 | Aqueous | 2 |
| 07050424-15A | WCW-6 | Aqueous | 2 |
| 07050424-16A | ZDS-1 | Aqueous | 2 |
| 07050424-17A | QCTB-1 | Aqueous | 2 |

5/14/07

**Report Date**

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**Date:** *14-May-07*

## QC Summary Report

**Work Order:** 07050424

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 04:22**

Sample ID: **MBLK-17392** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (Fuel Product) | ND | 0.1 | | | | | | | | |
| Surr: Nonane | 97.9 | | 100 | | 98 | 46 | 148 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 04:55**

Sample ID: **LCS-17392** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.87 | 0.5 | 2.5 | | 115 | 65 | 130 | | | |
| Surr: Nonane | 99.2 | | 100 | | 99 | 46 | 148 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 18:27**

Sample ID: **07050425-03AMS** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.76 | 0.5 | 2.5 | 0 | 111 | 37 | 164 | | | |
| Surr: Nonane | 98 | | 100 | | 98 | 46 | 148 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17392** Analysis Date: **05/08/2007 19:00**

Sample ID: **07050425-03AMSD** Units : **mg/L** Run ID: **FID_3_070507B** Prep Date: **05/07/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.74 | 0.5 | 2.5 | 0 | 110 | 37 | 164 | 2.763 | 0.8(20) | |
| Surr: Nonane | 89.7 | | 100 | | 90 | 46 | 148 | | | |

**Comments:**

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

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**Date:** *14-May-07*

## QC Summary Report

**Work Order:** 07050424

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050806.D** Batch ID: **MS07W0508B** Analysis Date: **05/08/2007 10:39**

Sample ID: **MBLK MS07W0508B** Units : **mg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | ND | 0.05 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0102 | | 0.01 | | 102 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0101 | | 0.01 | | 101 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00939 | | 0.01 | | 94 | 80 | 120 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050803.D** Batch ID: **MS07W0508B** Analysis Date: **05/08/2007 09:32**

Sample ID: **GLCS MS07W0508B** Units : **mg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 0.389 | 0.05 | 0.4 | | 97 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0105 | | 0.01 | | 105 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00997 | | 0.01 | | 99.7 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00928 | | 0.01 | | 93 | 80 | 120 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050813.D** Batch ID: **MS07W0508B** Analysis Date: **05/08/2007 13:14**

Sample ID: **07050424-01AGS** Units : **mg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.72 | 0.25 | 2 | 0 | 86 | 60 | 131 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0495 | | 0.05 | | 99 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0506 | | 0.05 | | 101 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0486 | | 0.05 | | 97 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS07\DATA\070508\07050814.D** Batch ID: **MS07W0508B** Analysis Date: **05/08/2007 13:35**

Sample ID: **07050424-01AGSD** Units : **mg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.74 | 0.25 | 2 | 0 | 87 | 60 | 131 | 1.721 | 0.9(20) | |
| Surr: 1,2-Dichloroethane-d4 | 0.0486 | | 0.05 | | 97 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0503 | | 0.05 | | 101 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0479 | | 0.05 | | 96 | 80 | 120 | | | |

**Comments:**

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

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**Date:** *14-May-07*

## QC Summary Report

**Work Order:** 07050424

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050806.D** Batch ID: **MS07W0508A** Analysis Date: **05/08/2007 10:39**

Sample ID: **MBLK MS07W0508A** Units : **µg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

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

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**Date:** 14-May-07

## QC Summary Report

**Work Order:** 07050424

| | | | | | | |
|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | 2 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.2 | | 10 | 102 | 75 | 128 |
| Surr: Toluene-d8 | 10.1 | | 10 | 101 | 80 | 120 |
| Surr: 4-Bromofluorobenzene | 9.39 | | 10 | 94 | 80 | 120 |

### Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050804.D** Batch ID: **MS07W0508A** Analysis Date: **05/08/2007 09:55**

Sample ID: **LCS MS07W0508A** Units : **µg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 9.9 | 1 | 10 | | 99 | 80 | 120 | | | |
| Methyl tert-butyl ether (MTBE) | 10.3 | 0.5 | 10 | | 103 | 70 | 130 | | | |
| Benzene | 10.1 | 0.5 | 10 | | 101 | 70 | 130 | | | |
| Trichloroethene | 10.6 | 1 | 10 | | 106 | 70 | 130 | | | |
| Toluene | 10.2 | 0.5 | 10 | | 102 | 80 | 120 | | | |
| Chlorobenzene | 10.3 | 1 | 10 | | 103 | 70 | 130 | | | |
| Ethylbenzene | 10.4 | 0.5 | 10 | | 104 | 80 | 120 | | | |
| m,p-Xylene | 10.7 | 0.5 | 10 | | 107 | 70 | 130 | | | |
| o-Xylene | 10.9 | 0.5 | 10 | | 109 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.2 | | 10 | | 102 | 75 | 128 | | | |
| Surr: Toluene-d8 | 10.1 | | 10 | | 101 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 9.45 | | 10 | | 95 | 80 | 120 | | | |

### Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050811.D** Batch ID: **MS07W0508A** Analysis Date: **05/08/2007 12:31**

Sample ID: **07050424-01AMS** Units : **µg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 40.4 | 2.5 | 50 | 0 | 81 | 66 | 132 | | | |
| Methyl tert-butyl ether (MTBE) | 43.2 | 1.3 | 50 | 0 | 86 | 62 | 139 | | | |
| Benzene | 44.7 | 1.3 | 50 | 0 | 89 | 70 | 130 | | | |
| ichloroethene | 45.3 | 2.5 | 50 | 0 | 91 | 69 | 130 | | | |
| oluene | 44.3 | 1.3 | 50 | 0 | 89 | 67 | 130 | | | |
| Chlorobenzene | 46.3 | 2.5 | 50 | 0 | 93 | 70 | 130 | | | |
| Ethylbenzene | 45 | 1.3 | 50 | 0 | 90 | 70 | 130 | | | |
| m,p-Xylene | 46.3 | 1.3 | 50 | 0 | 93 | 69 | 130 | | | |
| o-Xylene | 47.7 | 1.3 | 50 | 0 | 95 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 48 | | 50 | | 96 | 75 | 128 | | | |
| Surr: Toluene-d8 | 51.4 | | 50 | | 103 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 49 | | 50 | | 98 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS07\DATA\070508\07050812.D** Batch ID: **MS07W0508A** Analysis Date: **05/08/2007 12:53**

Sample ID: **07050424-01AMSD** Units : **µg/L** Run ID: **MSD_07_070508B** Prep Date: **05/08/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 41.7 | 2.5 | 50 | 0 | 83 | 66 | 132 | 40.41 | 3.1(20) | |
| Methyl tert-butyl ether (MTBE) | 44.6 | 1.3 | 50 | 0 | 89 | 62 | 139 | 43.15 | 3.3(20) | |
| Benzene | 45.1 | 1.3 | 50 | 0 | 90 | 70 | 130 | 44.69 | 1.0(20) | |
| Trichloroethene | 46 | 2.5 | 50 | 0 | 92 | 69 | 130 | 45.26 | 1.5(20) | |
| Toluene | 45 | 1.3 | 50 | 0 | 90 | 67 | 130 | 44.25 | 1.7(20) | |
| Chlorobenzene | 46.8 | 2.5 | 50 | 0 | 94 | 70 | 130 | 46.27 | 1.1(20) | |
| Ethylbenzene | 46.4 | 1.3 | 50 | 0 | 93 | 70 | 130 | 45.03 | 2.9(20) | |
| m,p-Xylene | 46.5 | 1.3 | 50 | 0 | 93 | 69 | 130 | 46.32 | 0.3(20) | |
| o-Xylene | 47.7 | 1.3 | 50 | 0 | 95 | 70 | 130 | 47.66 | 0.1(20) | |
| Surr: 1,2-Dichloroethane-d4 | 47.3 | | 50 | | 95 | 75 | 128 | | | |
| Surr: Toluene-d8 | 51.1 | | 50 | | 102 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 48.9 | | 50 | | 98 | 80 | 120 | | | |

**Comments:**

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

Billing Information :

# CHAIN-OF-CUSTODY RECORD

CA

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

**WorkOrder : GMTC07050906**

**Report Due By : 5:00 PM On : 18-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245 x
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10072, 10074, 10075, 1007

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 09-May-07 | 09-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050906-01A | GMW-0-3 | AQ | 05/03/07 09:51 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-02A | GMW-0-4 (MID) | AQ | 05/03/07 10:17 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-03A | GMW-0-4 | AQ | 05/03/07 10:28 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-04A | GMW-0-5 | AQ | 05/03/07 10:41 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-05A | GMW-0-17 | AQ | 05/03/07 11:03 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-06A | EXP-5 | AQ | 05/03/07 11:15 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-07A | WCW-1 | AQ | 05/03/07 11:35 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-08A | GMW-0-2 | AQ | 05/03/07 09:10 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 4 HCl voas received contain air bubbles >6mm. |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. ;

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha Analytical, Inc. | 5-9-07 14:17 |

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

# CHAIN-OF-CUSTODY RECORD

# CA

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

**WorkOrder : GMTC07050906**

**Report Due By : 5:00 PM On : 18-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245 x
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10072, 10074, 10075, 1007

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 09-May-07 | 09-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050906-09A | PZ-10 | AQ | 05/03/07 15:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 4 HCl voas received contain air bubbles >6mm. |
| GMT07050906-10A | GMW-0-18 | AQ | 05/04/07 08:28 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-11A | PZ-5 | AQ | 05/04/07 08:46 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-12A | GMW-0-8 | AQ | 05/04/07 09:16 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 1 HCl voa received contains an air bubble >6mm. |
| GMT07050906-13A | GMW-0-1 | AQ | 05/04/07 09:33 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 1 HCl voa received contains an air bubble >6mm. |
| GMT07050906-14A | GMW-0-9 | AQ | 05/04/07 10:05 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-15A | GMW-0-10 | AQ | 05/04/07 10:17 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-16A | GMW-0-6 | AQ | 05/04/07 10:36 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. ;

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha Analytical, Inc. | 5-9-07 14:17 |

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**Billing Information :**

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**WorkOrder : GMTC07050906**

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Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245 x
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : **Yes**

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10072, 10074, 10075, 1007

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 09-May-07 | 09-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050906-17A | GMW-0-14 | AQ | 05/04/07 10:50 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 1 HCl voa received contains an air bubble >6mm. |
| GMT07050906-18A | MW-SF-1 | AQ | 05/04/07 11:49 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 3 HCl voas received contain air bubbles >6mm. |
| GMT07050906-19A | GMW-1 | AQ | 05/04/07 12:10 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | Sample time taken from voas. |
| GMT07050906-20A | GMW-4 | AQ | 05/04/07 13:33 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 2 HCl voas received contain air bubbles >6mm. |
| GMT07050906-21A | GMW-3 | AQ | 05/04/07 12:47 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-22A | MW-9 | AQ | 05/04/07 13:03 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-23A | GMW-37 | AQ | 05/04/07 13:17 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-24A | GMW-39 | AQ | 05/04/07 13:33 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. :

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha Analytical, Inc. | 5-9-07 14:17 |

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Billing Information :

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TEL: (775) 355-1044 FAX: (775) 355-0406

**WorkOrder : GMTC07050906**

**Report Due By : 5:00 PM On : 18-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245 x
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10072, 10074, 10075, 1007

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 09-May-07 | 09-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050906-25A | MW-15 | AQ | 05/04/07 13:58 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 3 HCl voas received contain air bubbles >6mm. |
| GMT07050906-26A | GMW-14 | AQ | 05/04/07 14:18 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-27A | GMW-13 | AQ | 05/04/07 14:33 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-28A | GMW-SF-8 | AQ | 05/04/07 14:49 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-29A | MW-8 | AQ | 05/04/07 14:55 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-30A | EXP-3 | AQ | 05/04/07 07:45 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-31A | ZDS-2 | AQ | 05/04/07 00:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-32A | ZDS-3 | AQ | 05/04/07 00:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | Client COC unmarked for analysis logged in per sample volume provided. |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. :

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha Analytical, Inc. | 5-9-07 14:17 |

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

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**WorkOrder : GMTC07050906**

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TEL : (949) 642-0245 x
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EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

Report Attention : Shiow-Whei Chou
CC Report :

Job : KMEP-Norwalk
PO :

Client's COC # : 10072, 10074, 10075, 1007

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 09-May-07 | 09-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050906-33A | ZDS-4 | AQ | 05/04/07 00:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-34A | ZDS-5 | AQ | 05/04/07 00:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 3 HCl voas received contain air bubbles >6mm. |
| GMT07050906-35A | ZDS-6 | AQ | 05/04/07 00:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-36A | ZDS-7 | AQ | 05/04/07 00:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-37A | MW-20 (MID) | AQ | 05/05/07 07:50 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 5 HCl voas broken in lab |
| GMT07050906-38A | MW-6 | AQ | 05/05/07 08:10 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 5 HCl voas broken in lab |
| GMT07050906-39A | GMW-8 | AQ | 05/05/07 08:30 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 1 HCl voa broken in lab |
| GMT07050906-40A | MW-12 | AQ | 05/05/07 08:52 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | 2 HCl voas broken in lab |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. ;

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha Analytical, Inc. | 5-9-07 14:17 |

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**Billing Information :**

# CHAIN-OF-CUSTODY RECORD

# CA

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

## WorkOrder : GMTC07050906

**Report Due By : 5:00 PM On : 18-May-07**

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

Newport Beach, CA 92663-3627

Shiow-Whei Chou
TEL : (949) 642-0245 x
FAX : (949) 642-4474
EMail swchow@geomatrix.com

EDD Required : Yes

Sampled by : A. Wagner

**Report Attention :** Shiow-Whei Chou
**CC Report :**

Job : KMEP-Norwalk
PO :

Client's COC # : 10072, 10074, 10075, 1007

| Cooler Temp | Samples Received | Date Printed |
|---|---|---|
| 4 °C | 09-May-07 | 09-May-07 |

QC Level : SC3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates and Chromatograms

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles ORG | SUB | TAT | PWS # | Requested Tests TPH/E_W | TPH/P_W | VOC_W | | | | | Sample Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMT07050906-41A | GMW-36 | AQ | 05/05/07 09:10 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-42A | GMW-SF-7 | AQ | 05/05/07 09:29 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-43A | GMW-38 | AQ | 05/05/07 09:31 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-44A | GMW-0-19 | AQ | 05/05/07 09:45 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-45A | GMW-0-16 | AQ | 05/05/07 10:00 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-46A | PW-1 | AQ | 05/05/07 10:20 | 8 | 0 | 7 | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | |
| GMT07050906-47A | QCTB-2 | AQ | 05/03/07 00:00 | 3 | 0 | 7 | | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | Reno Trip Blank 4/16/07 |
| GMT07050906-48A | QCTB-3 | AQ | 05/03/07 00:00 | 3 | 0 | 7 | | | TPHE(0.10) +Vinyl acetate | TPHE(0.10) +Vinyl acetate | | | | | Client provided trip blank |

**Comments:** Security seals intact. Frozen ice. Send results to Geomatrix (Attn:Shiow-Whei Chow) in hard copy, EDD and PDF format. :

| | Signature | Print Name | Company | Date/Time |
|---|---|---|---|---|
| **Logged in by:** | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha Analytical, Inc. | 5-9-07 14:17 |

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

**Billing Information:**
Name KMEP
Address 1100 TOWN AND COUNTRY
City, State, Zip ORANGE, CA
Phone Number _____ Fax _____


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


**Samples Collected From Which State?**
AZ ___ CA ✓ NV ___ WA ___
ID ___ OR ___ OTHER ___



10072

| | | | |
|---|---|---|---|
| Client Name: SECOR INTERNATIONAL INC. | P.O. # | Job # KMEP-NORWALK | |
| Address: 11085 KNOTT AVE., SUITE B | EMail Address: awagner@secor.com | | |
| City, State, Zip: CYPRESS, CA 90630 | Phone # 714) 379-3379 | Fax # 714) 379-3375 | |
| Sampled by: A. Wagner | Report Attention: Shiow-Whei Chou egeomatrix | | |

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

| Time Sampled | Date Sampled | Matrix* See Key Below | Office Use Only Lab ID Number | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | EPA 8260 VOCs | EPA 8015 FP | EPA 8015 TPHg | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0951 | 050307 | AQ | GMT0705090601 | GMW-0-3 | N | No | 8 VOA | X | X | X | |
| 1017 | | | -02 | GMW-0-4 (MID) | | | | X | X | X | |
| 1028 | | | -03 | GMW-0-4 | | | | X | X | X | |
| 1041 | | | -04 | GMW-0-5 | | | | X | X | X | |
| 1103 | | | -05 | GMW-0-17 | | | | X | X | X | |
| 1115 | | | -06 | EXP-5 | | | | X | X | X | |
| 1135 | | | -07 | WCW-1 | | | | X | X | X | |
| 0910 | | | -08 | GMW-0-2 | | | | X | X | X | |
| 1500 | ↓ | | -09 | PZ-10 | | | | X | X | X | |
| 0828 | 050407 | | -10 | GMW-0-18 | | | | X | X | X | COOLER 2 |
| 0846 | | | -11 | PZ-5 | | | | X | X | X | COOLER 2 |
| 0916 | | | -12 | GMW-0-8 | | | | X | X | X | COOLER 2 |
| 0933 | ↓ | ↓ | -13 | GMW-0-1 | ↓ | ↓ | ↓ | X | X | X | COOLER 2 |

**ADDITIONAL INSTRUCTIONS:**
SEND REPORT TO SHIOW-WHEI CHOU @GEOMATRIX (SWCHOU@geomatrix.com)

| | Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|---|
| Relinquished by | Angie Wagner | Angie Wagner | SECOR | 5/8/07 | 15:30 |
| Received by | FEDEX AIR BILL | NO's 8541 9700 4724 | AND 8541 9700 4713 | | |
| Relinquished by | | | | | |
| Received by | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha | 5/9/07 | 14:17 |
| Relinquished by | | | | | |
| Received by | | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**NOTE:** Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

**Billing Information:**
Name KMEP
Address
City, State, Zip
Phone Number Fax

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

**Samples Collected From Which State?**
AZ ___ CA ✓ NV ___ WA ___
ID ___ OR ___ OTHER ___



10074

Client Name: SECOR INTERNATIONAL INC.
Address
City, State, Zip
P.O. #
EMail Address
Phone #
Fax #
Job #: KMEP-NORWALK
Report Attention: SHOW-WHEI CHOU @ GEOMATRIX
Sampled by: A. Wagner

Required QC Level? I II III IV
EDD / EDF? YES ___ NO ___
Global ID # ___

| Time Sampled | Date Sampled | Matrix* See Key Below | Office Use Only Lab ID Number | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | Analyses Required: EPA 8260 VOA | EPA 8015 FP | EPA 8015 TPHG | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1005 | 050407 | AQ | -14 | GMW-O-9 | N | No | 8 VOA | X | X | X | | | | | COOLER 2 |
| 1017 | | | -15 | GMW-O-10 | | | | X | X | X | | | | | COOLER 2 |
| 1036 | | | -16 | GMW-O-6 | | | | X | X | X | | | | | COOLER 2 |
| 1050 | | | -17 | GMW-O-14 | | | | X | X | X | | | | | COOLER 2 |
| 1149 | | | -18 | MW-SF-1 | | | | X | X | X | | | | | |
| ~~1233~~ | | | -19 | GMW-1 | | | | X | X | X | | | | | |
| ~~1833~~ ~~1247~~ | | | -20 | GMW-4 | | | | X | X | X | | | | | |
| 1247 ~~1303~~ | | | -21 | GMW-3 | | | | X | X | X | | | | | |
| 1303 | | | -22 | MW-9 | | | | X | X | X | | | | | |
| 1317 | | | -23 | GMW-37 | | | | X | X | X | | | | | |
| 1333 | | | -24 | GMW-39 | | | | X | X | X | | | | | |
| 1358 | | | -25 | MW-15 | | | | X | X | X | | | | | |
| 1418 | | | -26 | GMW-14 | | | | X | X | X | | | | | |

**ADDITIONAL INSTRUCTIONS:**
SEND REPORT TO SHOW-WHEI CHOU @ GEOMATRIX (SWCHOU@GEOMATRIX.COM)

| | Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|---|
| Relinquished by | Ang-Wg- | Angie Wagner | SECOR | 5/8/07 | 15:30 |
| Received by | FEDEX AIRBILL | NO's 8541 9700 4724 | AND 8541 9700 4713 | | |
| Relinquished by | | | | | |
| Received by | Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha | 5/9/07 | 14:17 |
| Relinquished by | | | | | |
| Received by | | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**NOTE:** Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above s s is applicable only to those samples received by the laboratory with this coc. Th ity of the laboratory is limited to the amount paid for the report.

**Billing Info. tion:**
Name KMEP
Address
City, State, Zip
Phone Number Fax


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


**Samples Collected From Which State?**
AZ ___ CA ✓ NV ___ WA ___
ID ___ OR ___ OTHER ___



10075

| Client Name | P.O. # | Job # |
|---|---|---|
| SECOR International Inc. | | KMEP-Norwalk |
| Address | EMail Address | |
| City, State, Zip | Phone # | Fax # |

Required QC Level? I II III IV

EDD / EDF? YES ___ NO ___

Global ID # ___

| Time Sampled | Date Sampled | Matrix* See Key Below | Office Use Only Lab ID Number | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | EPA 8260 VOAs | EPA 8015 FP | EPA 8015 TPHd | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1433 | 050407 | AQ | -27 | GMW-13 | N | No | 8VOA | X | X | X | | | | | |
| 1449 | | | -28 | GMW-SF-8 | | | | X | X | X | | | | | |
| 1455 | | | -29 | MW-8 | | | | X | X | X | | | | | |
| 0745 | | | -30 | EXP-3 | | | | X | X | X | | | | | COOLER 2 |
| — | | | -31 | ZDS-2 | | | | X | X | X | | | | | COOLER 2 |
| — | | | -32 | ZDS-3 | | | | | | | | | | | COOLER 2 |
| — | | | -33 | ZDS-4 | | | | X | X | X | | | | | COOLER 2 |
| — | | | -34 | ZDS-5 | | | | X | X | X | | | | | |
| — | | | -35 | ZDS-6 | | | | X | X | X | | | | | |
| — | ↓ | | -36 | ZDS-7 | | | | X | X | X | | | | | |
| 0750 | 050507 | | -37 | MW-20 (MID) | | | | X | X | X | | | | | |
| 0810 | ↓ | | -38 | MW-6 | | | | X | X | X | | | | | COOLER 2 |
| 0830 | ↓ | ↓ | -39 | GMW-8 | ↓ | ↓ | ↓ | X | X | X | | | | | |

**ADDITIONAL INSTRUCTIONS:**

| Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|
| Relinquished by Angie Wyker | Angie Wyker | SECOR | 5/8/07 | 15:30 |
| Received by FEDEX AIRBILL NO'S 8541 9700 4724 AND 8541 9700 4713 | | | | |
| Relinquished by | | | | |
| Received by Elizabeth Sauvageau | Elizabeth Sauvageau | Alpha | 5/9/07 | 14:17 |
| Relinquished by | | | | |
| Received by | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

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**Billing Information:**
Name KMEP
Address
City, State, Zip
Phone Number Fax

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

**Samples Collected From Which State?**
AZ ___ CA ✓ NV ___ WA ___
ID ___ OR ___ OTHER ___



10076

Client Name SECOR International Inc.
Address
City, State, Zip
P.O. # Job # KMEP-NORNARK
EMail Address
Phone # Fax #
Report Attention

Required QC Level? I II III IV
EDD / EDF? YES ___ NO ___
Global ID # ___

| Time Sampled | Date Sampled | Matrix* See Key Below | Office Use Only Lab ID Number | Sample Description | TAT | Field Filtered | Total and type of containers ** See below | EPA 8260 VOCs | EPA 8015 FP | EPA 8015 TPHg | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0852 | 050507 | AQ | -40 | MW-12 | N | No | 8 VOA | X | X | X | | | | | |
| 0910 | | | -41 | GMW-36 | | | | X | X | X | | | | | |
| 0929 | | | -42 | GMW-SF-7 | | | | X | X | X | | | | | |
| 0931 | | | -43 | GMW-38 | | | | X | X | X | | | | | |
| 0945 | | | -44 | GMW-0-19 | | | | X | X | X | | | | | |
| 1000 | | | -45 | GMW-0-16 | | | | X | X | X | | | | | |
| 1020 | ↓ | | -46 | PW-1 | | | ↓ | X | X | X | | | | | |
| — | 4/16/07 | | -47 | QCTB-2 | ↓ | ↓ | 3 VOA | X | | X | | | | | |
| — | 5/8/07 | ↓ | -48 | QCTB-3 | N | No | ↓ | X | | X | | | | | COOLER 2 |

**ADDITIONAL INSTRUCTIONS:**

| Signature | Print Name | Company | Date | Time |
|---|---|---|---|---|
| Relinquished by Angi Wagner | Angi Wagner | SECOR | 5/8/07 | 15:30 |
| Received by FED EX AIRBILL NOS 8541 9700 4724 AND 8541 9700 4713 | | | | |
| Relinquished by | | | | |
| Received by Elizabeth Sawageau | Elizabeth Sawageau | Alpha | 5/9/07 | 14:17 |
| Relinquished by | | | | |
| Received by | | | | |

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

Attn: Shiow-Whei Chou
Phone: (949) 642-0245
Fax: (949) 642-4474
Date Received 05/09/07

Job#: KMEP-Norwalk

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

| | | Parameter | Concentration | Reporting Limit | Date Sampled | Date Analyzed |
|---|---|---|---|---|---|---|
| Client ID : | **GMW-0-3** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-01A | Surr: Nonane | 94 | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | 0.072 | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 110 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 95 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **GMW-0-4 (MID)** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-02A | Surr: Nonane | 96 | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 110 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 96 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 96 | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **GMW-0-4** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-03A | Surr: Nonane | 98 | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 111 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 94 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **GMW-0-5** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-04A | Surr: Nonane | 93 | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 110 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 96 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **GMW-0-17** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-05A | Surr: Nonane | 96 | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 110 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 94 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **EXP-5** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-06A | Surr: Nonane | 94 | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 109 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 96 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **WCW-1** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-07A | Surr: Nonane | 96 | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 110 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 95 | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | %REC | 05/03/07 | 05/11/07 |

# Alpha Analytical, Inc.

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


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Client ID : | **GMW-0-2** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-08A | Surr: Nonane | 99 | | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 106 | | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 95 | | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 92 | | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **PZ-10** | TPH-E (Fuel Product) | 7.1 | * | 0.10 mg/L | 05/03/07 | 05/10/07 |
| Lab ID : | GMT07050906-09A | Surr: Nonane | 95 | | %REC | 05/03/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | O | 1.0 mg/L | 05/03/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 106 | | %REC | 05/03/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 96 | | %REC | 05/03/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/03/07 | 05/11/07 |
| Client ID : | **GMW-0-18** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/10/07 |
| Lab ID : | GMT07050906-10A | Surr: Nonane | 92 | | %REC | 05/04/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 104 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 96 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/04/07 | 05/11/07 |
| Client ID : | **PZ-5** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/10/07 |
| Lab ID : | GMT07050906-11A | Surr: Nonane | 92 | | %REC | 05/04/07 | 05/10/07 |
| | | TPH-P (GRO) | 0.40 | | 0.10 mg/L | 05/04/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 104 | | %REC | 05/04/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 96 | | %REC | 05/04/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/14/07 |
| Client ID : | **GMW-0-8** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/10/07 |
| Lab ID : | GMT07050906-12A | Surr: Nonane | 98 | | %REC | 05/04/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 104 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 96 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/04/07 | 05/11/07 |
| Client ID : | **GMW-0-1** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/10/07 |
| Lab ID : | GMT07050906-13A | Surr: Nonane | 97 | | %REC | 05/04/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 102 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 95 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/04/07 | 05/11/07 |
| Client ID : | **GMW-0-9** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/10/07 |
| Lab ID : | GMT07050906-14A | Surr: Nonane | 92 | | %REC | 05/04/07 | 05/10/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 101 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 97 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 96 | | %REC | 05/04/07 | 05/11/07 |
| Client ID : | **GMW-0-10** | TPH-E (Fuel Product) | 0.26 | | 0.10 mg/L | 05/04/07 | 05/10/07 |
| Lab ID : | GMT07050906-15A | Surr: Nonane | 93 | | %REC | 05/04/07 | 05/10/07 |
| | | TPH-P (GRO) | 3.8 | | 2.0 mg/L | 05/04/07 | 05/15/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 96 | | %REC | 05/04/07 | 05/15/07 |
| | | Surr: Toluene-d8 | 97 | | %REC | 05/04/07 | 05/15/07 |
| | | Surr: 4-Bromofluorobenzene | 97 | | %REC | 05/04/07 | 05/15/07 |
| Client ID : | **GMW-0-6** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-16A | Surr: Nonane | 89 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 116 | | %REC | 05/04/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/04/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 96 | | %REC | 05/04/07 | 05/14/07 |

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|---|---|---|---|---|---|---|---|
| Client ID : | **GMW-0-14** | TPH-E (Fuel Product) | 3.3 | ** | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-17A | Surr: Nonane | 109 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | 8.2 | | 2.0 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **MW-SF-1** | TPH-E (Fuel Product) | 4.6 | ** | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-18A | Surr: Nonane | 95 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | 11 | | 5.0 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **GMW-1** | TPH-E (Fuel Product) | 1.5 | * | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-19A | Surr: Nonane | 91 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/11/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 109 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/11/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | | %REC | 05/04/07 | 05/11/07 |
| Client ID : | **GMW-4** | TPH-E (Fuel Product) | 13 | * | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-20A | Surr: Nonane | 0 | + | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | 2.0 | | 0.20 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 113 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 97 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **GMW-3** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-21A | Surr: Nonane | 103 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 111 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **MW-9** | TPH-E (Fuel Product) | 610 | * | 0.10 mg/L | 05/04/07 | 05/14/07 |
| Lab ID : | GMT07050906-22A | Surr: Nonane | 0 | + | %REC | 05/04/07 | 05/14/07 |
| | | TPH-P (GRO) | 1.7 | | 0.10 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 112 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 97 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 97 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **GMW-37** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-23A | Surr: Nonane | 101 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 110 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 92 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **GMW-39** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-24A | Surr: Nonane | 95 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 114 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **MW-15** | TPH-E (Fuel Product) | 6.1 | * | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-25A | Surr: Nonane | 98 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | O | 0.50 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 113 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |

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|---|---|---|---|---|---|---|---|
| Client ID : | **GMW-14** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-26A | Surr: Nonane | 80 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 114 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **GMW-13** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-27A | Surr: Nonane | 95 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 112 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 92 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **GMW-SF-8** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-28A | Surr: Nonane | 97 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 114 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **MW-8** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-29A | Surr: Nonane | 89 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | D | 0.20 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **EXP-3** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-30A | Surr: Nonane | 53 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 113 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 92 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 96 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **ZDS-2** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-31A | Surr: Nonane | 91 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | 0.48 | | 0.20 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 114 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 92 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **ZDS-3** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-32A | Surr: Nonane | 100 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 117 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 92 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 92 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **ZDS-4** | TPH-E (Fuel Product) | 4.3 | ** | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-33A | Surr: Nonane | 100 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | 8.4 | | 2.0 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 98 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **ZDS-5** | TPH-E (Fuel Product) | 1.7 | * | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-34A | Surr: Nonane | 94 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | O | 0.10 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 112 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |

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|---|---|---|---|---|---|---|---|
| Client ID : | **ZDS-6** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-35A | Surr: Nonane | 100 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **ZDS-7** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/04/07 | 05/11/07 |
| Lab ID : | GMT07050906-36A | Surr: Nonane | 96 | | %REC | 05/04/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | D | 0.20 mg/L | 05/04/07 | 05/12/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/04/07 | 05/12/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/04/07 | 05/12/07 |
| Client ID : | **MW-20 (MID)** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/05/07 | 05/12/07 |
| Lab ID : | GMT07050906-37A | Surr: Nonane | 90 | | %REC | 05/05/07 | 05/12/07 |
| | | TPH-P (GRO) | 0.059 | | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 109 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 95 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **MW-6** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/05/07 | 05/12/07 |
| Lab ID : | GMT07050906-38A | Surr: Nonane | 97 | | %REC | 05/05/07 | 05/12/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **GMW-8** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/05/07 | 05/12/07 |
| Lab ID : | GMT07050906-39A | Surr: Nonane | 91 | | %REC | 05/05/07 | 05/12/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 113 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 93 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **MW-12** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/05/07 | 05/12/07 |
| Lab ID : | GMT07050906-40A | Surr: Nonane | 93 | | %REC | 05/05/07 | 05/12/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 116 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **GMW-36** | TPH-E (Fuel Product) | 11 | | 0.10 mg/L | 05/05/07 | 05/11/07 |
| Lab ID : | GMT07050906-41A | Surr: Nonane | 0 | + | %REC | 05/05/07 | 05/11/07 |
| | | TPH-P (GRO) | 69 | | 20 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 106 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 95 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **GMW-SF-7** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/05/07 | 05/11/07 |
| Lab ID : | GMT07050906-42A | Surr: Nonane | 96 | | %REC | 05/05/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 112 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 95 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **GMW-38** | TPH-E (Fuel Product) | ND | | 0.10 mg/L | 05/05/07 | 05/11/07 |
| Lab ID : | GMT07050906-43A | Surr: Nonane | 98 | | %REC | 05/05/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 116 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 94 | | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | | %REC | 05/05/07 | 05/14/07 |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Client ID : | **GMW-0-19** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/05/07 | 05/11/07 |
| Lab ID : | GMT07050906-44A | Surr: Nonane | 95 | %REC | 05/05/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 114 | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 94 | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 95 | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **GMW-0-16** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/05/07 | 05/11/07 |
| Lab ID : | GMT07050906-45A | Surr: Nonane | 97 | %REC | 05/05/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 113 | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 92 | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 94 | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **PW-1** | TPH-E (Fuel Product) | ND | 0.10 mg/L | 05/05/07 | 05/11/07 |
| Lab ID : | GMT07050906-46A | Surr: Nonane | 95 | %REC | 05/05/07 | 05/11/07 |
| | | TPH-P (GRO) | ND | 0.050 mg/L | 05/05/07 | 05/14/07 |
| | | Surr: 1,2-Dichloroethane-d4 | 115 | %REC | 05/05/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 93 | %REC | 05/05/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | %REC | 05/05/07 | 05/14/07 |
| Client ID : | **QCTB-2** | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/14/07 |
| Lab ID : | GMT07050906-47A | Surr: 1,2-Dichloroethane-d4 | 108 | %REC | 05/03/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 94 | %REC | 05/03/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 93 | %REC | 05/03/07 | 05/14/07 |
| Client ID : | **QCTB-3** | TPH-P (GRO) | ND | 0.050 mg/L | 05/03/07 | 05/14/07 |
| Lab ID : | GMT07050906-48A | Surr: 1,2-Dichloroethane-d4 | 111 | %REC | 05/03/07 | 05/14/07 |
| | | Surr: Toluene-d8 | 95 | %REC | 05/03/07 | 05/14/07 |
| | | Surr: 4-Bromofluorobenzene | 96 | %REC | 05/03/07 | 05/14/07 |

* Note: Reported TPH-E (Fuel Product) is composed primarily of diesel range hydrocarbons.
**Note: Reported TPH-E (Fuel Product) may contain undifferentiated diesel range hydrocarbons.
+Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.
D = Reporting Limits were increased due to high concentrations of non-target analytes.
Gasoline Range Organics (GRO) C4-C13
O = Reporting Limits were increased due to sample foaming.
V = Reporting Limits were increased due to high concentrations of target analytes.
ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
**Report Date**

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-01A
Client I.D. Number: GMW-0-3

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | 0.64 | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 110 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 95 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


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5/17/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-02A
Client I.D. Number: GMW-0-4 (MID)

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 110 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 96 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 96 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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5/17/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-03A
Client I.D. Number: GMW-0-4

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
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| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 111 | | %REC |
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ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


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5/17/07
Report Date

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Attn: Shiow-Whei Chou
Phone: (949) 642-0245
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Alpha Analytical Number: GMT07050906-04A
Client I.D. Number: GMW-0-5

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
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| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
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| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
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| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 110 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 96 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-05A
Client I.D. Number: GMW-0-17

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 110 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
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ND = Not Detected

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Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/17/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-06A
Client I.D. Number: EXP-5

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 109 | | %REC |
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| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

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5/17/07
Report Date

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-07A
Client I.D. Number: WCW-1

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
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| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
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| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 110 | | %REC |
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ND = Not Detected

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5/17/07
Report Date

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## ANALYTICAL REPORT

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Job#: KMEP-Norwalk

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

Alpha Analytical Number: GMT07050906-08A
Client I.D. Number: GMW-0-2

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit |
|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 µg/L | 36 | 2-Hexanone | ND | 5.0 µg/L |
| 2 | Chloromethane | ND | 2.0 µg/L | 37 | Dibromochloromethane | ND | 1.0 µg/L |
| 3 | Vinyl chloride | ND | 0.50 µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 2.0 µg/L |
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| 5 | Bromomethane | ND | 2.0 µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 µg/L |
| 6 | Trichlorofluoromethane | ND | 10 µg/L | 41 | Chlorobenzene | ND | 1.0 µg/L |
| 7 | Acetone | ND | 10 µg/L | 42 | Ethylbenzene | ND | 0.50 µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 µg/L | 43 | m,p-Xylene | ND | 0.50 µg/L |
| 9 | Dichloromethane | ND | 5.0 µg/L | 44 | Bromoform | ND | 1.0 µg/L |
| 10 | Freon-113 | ND | 10 µg/L | 45 | Styrene | ND | 1.0 µg/L |
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| 12 | trans-1,2-Dichloroethene | ND | 1.0 µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 µg/L |
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| 15 | Vinyl acetate | ND | 50 µg/L | 50 | Bromobenzene | ND | 1.0 µg/L |
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| 32 | trans-1,3-Dichloropropene | ND | 0.50 µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 106 | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 µg/L | 68 | Surr: Toluene-d8 | 95 | %REC |
| 34 | Toluene | ND | 0.50 µg/L | 69 | Surr: 4-Bromofluorobenzene | 92 | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 µg/L | | | | |

ND = Not Detected

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Alpha Analytical Number: GMT07050906-09A
Client I.D. Number: PZ-10

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | | Compound | Concentration | Reporting Limit | |
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| 1 | Dichlorodifluoromethane | ND | 10 | µg/L | 36 | 2-Hexanone | ND | 100 | µg/L |
| 2 | Chloromethane | ND | 40 | µg/L | 37 | Dibromochloromethane | ND | 10 | µg/L |
| 3 | Vinyl chloride | ND | 10 | µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 40 | µg/L |
| 4 | Chloroethane | ND | 10 | µg/L | 39 | Tetrachloroethene | ND | 10 | µg/L |
| 5 | Bromomethane | ND | 40 | µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 10 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 | Chlorobenzene | ND | 10 | µg/L |
| 7 | Acetone | ND | 200 | µg/L | 42 | Ethylbenzene | ND | 5.0 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 10 | µg/L | 43 | m,p-Xylene | ND | 5.0 | µg/L |
| 9 | Dichloromethane | ND | 40 | µg/L | 44 | Bromoform | ND | 10 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 | Styrene | ND | 10 | µg/L |
| 11 | Carbon disulfide | ND | 50 | µg/L | 46 | o-Xylene | ND | 5.0 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 10 | µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 10 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 5.0 | µg/L | 48 | 1,2,3-Trichloropropane | ND | 40 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 10 | µg/L | 49 | Isopropylbenzene | ND | 10 | µg/L |
| 15 | Vinyl acetate | ND | 1,000 | µg/L | 50 | Bromobenzene | ND | 10 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 200 | µg/L | 51 | n-Propylbenzene | ND | 10 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 10 | µg/L | 52 | 4-Chlorotoluene | ND | 10 | µg/L |
| 18 | Bromochloromethane | ND | 10 | µg/L | 53 | 2-Chlorotoluene | ND | 10 | µg/L |
| 19 | Chloroform | ND | 10 | µg/L | 54 | 1,3,5-Trimethylbenzene | ND | 10 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 10 | µg/L | 55 | tert-Butylbenzene | ND | 10 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 10 | µg/L | 56 | 1,2,4-Trimethylbenzene | ND | 10 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 10 | µg/L | 57 | sec-Butylbenzene | ND | 10 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 10 | µg/L | 58 | 1,3-Dichlorobenzene | ND | 10 | µg/L |
| 24 | Carbon tetrachloride | ND | 10 | µg/L | 59 | 1,4-Dichlorobenzene | ND | 10 | µg/L |
| 25 | Benzene | 6.1 | 5.0 | µg/L | 60 | 4-Isopropyltoluene | ND | 10 | µg/L |
| 26 | Dibromomethane | ND | 10 | µg/L | 61 | 1,2-Dichlorobenzene | ND | 10 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 10 | µg/L | 62 | n-Butylbenzene | ND | 10 | µg/L |
| 28 | Trichloroethene | ND | 10 | µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 60 | µg/L |
| 29 | Bromodichloromethane | ND | 10 | µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 40 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 50 | µg/L | 65 | Naphthalene | ND | 40 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 10 | µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 40 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 10 | µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 106 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 10 | µg/L | 68 | Surr: Toluene-d8 | 96 | | %REC |
| 34 | Toluene | ND | 5.0 | µg/L | 69 | Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 10 | µg/L | | | | | |

Reporting Limits were increased due to sample foaming.

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

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


Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-10A
Client I.D. Number: GMW-0-18

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 0.62 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 104 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 96 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-11A
Client I.D. Number: PZ-5

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 | 2-Hexanone | ND | 10 | µg/L |
| 2 | Chloromethane | ND | 4.0 | µg/L | 37 | Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 1.0 | µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 4.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 | Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 4.0 | µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 | Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 20 | µg/L | 42 | Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 | m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 | Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 | Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 5.0 | µg/L | 46 | o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 610 | 0.50 | µg/L | 48 | 1,2,3-Trichloropropane | ND | 4.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 | Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 100 | µg/L | 50 | Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 20 | µg/L | 51 | n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 | 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 | 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 | 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 | tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 1.0 | µg/L | 56 | 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 | sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 | 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 | 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 | 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 | 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 | n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 6.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 4.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 | Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 1.0 | µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 4.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 1.0 | µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 104 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 | Surr: Toluene-d8 | 96 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 | Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-12A
Client I.D. Number: GMW-0-8

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 104 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 96 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-13A
Client I.D. Number: GMW-0-1

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 102 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 95 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-14A
Client I.D. Number: GMW-0-9

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 101 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 97 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 96 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-15A
Client I.D. Number: GMW-0-10

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/15/07

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

| | Compound | Concentration | Reporting Limit | | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 20 | µg/L | 36 | 2-Hexanone | ND | 200 | µg/L |
| 2 | Chloromethane | ND | 80 | µg/L | 37 | Dibromochloromethane | ND | 20 | µg/L |
| 3 | Vinyl chloride | ND | 20 | µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 80 | µg/L |
| 4 | Chloroethane | ND | 20 | µg/L | 39 | Tetrachloroethene | ND | 20 | µg/L |
| 5 | Bromomethane | ND | 80 | µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 20 | µg/L |
| 6 | Trichlorofluoromethane | ND | 20 | µg/L | 41 | Chlorobenzene | ND | 20 | µg/L |
| 7 | Acetone | ND | 400 | µg/L | 42 | Ethylbenzene | ND | 10 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 20 | µg/L | 43 | m,p-Xylene | 83 | 10 | µg/L |
| 9 | Dichloromethane | ND | 80 | µg/L | 44 | Bromoform | ND | 20 | µg/L |
| 10 | Freon-113 | ND | 20 | µg/L | 45 | Styrene | ND | 20 | µg/L |
| 11 | Carbon disulfide | ND | 100 | µg/L | 46 | o-Xylene | 37 | 10 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 20 | µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 20 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 160 | 10 | µg/L | 48 | 1,2,3-Trichloropropane | ND | 80 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 20 | µg/L | 49 | Isopropylbenzene | ND | 20 | µg/L |
| 15 | Vinyl acetate | ND | 2,000 | µg/L | 50 | Bromobenzene | ND | 20 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 400 | µg/L | 51 | n-Propylbenzene | ND | 20 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 20 | µg/L | 52 | 4-Chlorotoluene | ND | 20 | µg/L |
| 18 | Bromochloromethane | ND | 20 | µg/L | 53 | 2-Chlorotoluene | ND | 20 | µg/L |
| 19 | Chloroform | ND | 20 | µg/L | 54 | 1,3,5-Trimethylbenzene | ND | 20 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 20 | µg/L | 55 | tert-Butylbenzene | ND | 20 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 20 | µg/L | 56 | 1,2,4-Trimethylbenzene | ND | 20 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 20 | µg/L | 57 | sec-Butylbenzene | ND | 20 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 20 | µg/L | 58 | 1,3-Dichlorobenzene | ND | 20 | µg/L |
| 24 | Carbon tetrachloride | ND | 20 | µg/L | 59 | 1,4-Dichlorobenzene | ND | 20 | µg/L |
| 25 | Benzene | 1,600 | 10 | µg/L | 60 | 4-Isopropyltoluene | ND | 20 | µg/L |
| 26 | Dibromomethane | ND | 20 | µg/L | 61 | 1,2-Dichlorobenzene | ND | 20 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 20 | µg/L | 62 | n-Butylbenzene | ND | 20 | µg/L |
| 28 | Trichloroethene | ND | 20 | µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 120 | µg/L |
| 29 | Bromodichloromethane | ND | 20 | µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 80 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 100 | µg/L | 65 | Naphthalene | ND | 80 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 20 | µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 80 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 20 | µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 96 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 20 | µg/L | 68 | Surr: Toluene-d8 | 97 | | %REC |
| 34 | Toluene | 10 | 10 | µg/L | 69 | Surr: 4-Bromofluorobenzene | 97 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 20 | µg/L | | | | | |

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

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-16A
Client I.D. Number: GMW-0-6

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 116 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 96 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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


Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
**Report Date**

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-17A
Client I.D. Number: GMW-0-14

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 20 | µg/L | 36 2-Hexanone | ND | 200 | µg/L |
| 2 | Chloromethane | ND | 80 | µg/L | 37 Dibromochloromethane | ND | 20 | µg/L |
| 3 | Vinyl chloride | ND | 20 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 80 | µg/L |
| 4 | Chloroethane | ND | 20 | µg/L | 39 Tetrachloroethene | ND | 20 | µg/L |
| 5 | Bromomethane | ND | 80 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 20 | µg/L |
| 6 | Trichlorofluoromethane | ND | 20 | µg/L | 41 Chlorobenzene | ND | 20 | µg/L |
| 7 | Acetone | ND | 400 | µg/L | 42 Ethylbenzene | 48 | 10 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 20 | µg/L | 43 m,p-Xylene | 430 | 10 | µg/L |
| 9 | Dichloromethane | ND | 80 | µg/L | 44 Bromoform | ND | 20 | µg/L |
| 10 | Freon-113 | ND | 20 | µg/L | 45 Styrene | ND | 20 | µg/L |
| 11 | Carbon disulfide | ND | 100 | µg/L | 46 o-Xylene | 140 | 10 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 20 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 20 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 10 | µg/L | 48 1,2,3-Trichloropropane | ND | 80 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 20 | µg/L | 49 Isopropylbenzene | ND | 20 | µg/L |
| 15 | Vinyl acetate | ND | 2,000 | µg/L | 50 Bromobenzene | ND | 20 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 400 | µg/L | 51 n-Propylbenzene | 25 | 20 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 20 | µg/L | 52 4-Chlorotoluene | ND | 20 | µg/L |
| 18 | Bromochloromethane | ND | 20 | µg/L | 53 2-Chlorotoluene | ND | 20 | µg/L |
| 19 | Chloroform | ND | 20 | µg/L | 54 1,3,5-Trimethylbenzene | 80 | 20 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 20 | µg/L | 55 tert-Butylbenzene | ND | 20 | µg/L |
| 21 | 1,2-Dichloroethane | 44 | 20 | µg/L | 56 1,2,4-Trimethylbenzene | 290 | 20 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 20 | µg/L | 57 sec-Butylbenzene | ND | 20 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 20 | µg/L | 58 1,3-Dichlorobenzene | ND | 20 | µg/L |
| 24 | Carbon tetrachloride | ND | 20 | µg/L | 59 1,4-Dichlorobenzene | ND | 20 | µg/L |
| 25 | Benzene | 1,700 | 10 | µg/L | 60 4-Isopropyltoluene | ND | 20 | µg/L |
| 26 | Dibromomethane | ND | 20 | µg/L | 61 1,2-Dichlorobenzene | ND | 20 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 20 | µg/L | 62 n-Butylbenzene | ND | 20 | µg/L |
| 28 | Trichloroethene | ND | 20 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 120 | µg/L |
| 29 | Bromodichloromethane | ND | 20 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 80 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 100 | µg/L | 65 Naphthalene | ND | 80 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 20 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 80 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 20 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 20 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | 330 | 10 | µg/L | 69 Surr: 4-Bromofluorobenzene | 95 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 20 | µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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5/17/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-18A
Client I.D. Number: MW-SF-1

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 50 | µg/L | 36 2-Hexanone | ND | 500 | µg/L |
| 2 | Chloromethane | ND | 200 | µg/L | 37 Dibromochloromethane | ND | 50 | µg/L |
| 3 | Vinyl chloride | ND | 50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 200 | µg/L |
| 4 | Chloroethane | ND | 50 | µg/L | 39 Tetrachloroethene | ND | 50 | µg/L |
| 5 | Bromomethane | ND | 200 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 50 | µg/L |
| 6 | Trichlorofluoromethane | ND | 50 | µg/L | 41 Chlorobenzene | ND | 50 | µg/L |
| 7 | Acetone | ND | 1,000 | µg/L | 42 Ethylbenzene | 430 | 25 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 50 | µg/L | 43 m,p-Xylene | 99 | 25 | µg/L |
| 9 | Dichloromethane | ND | 200 | µg/L | 44 Bromoform | ND | 50 | µg/L |
| 10 | Freon-113 | ND | 50 | µg/L | 45 Styrene | ND | 50 | µg/L |
| 11 | Carbon disulfide | ND | 250 | µg/L | 46 o-Xylene | 130 | 25 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 50 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 50 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 340 | 25 | µg/L | 48 1,2,3-Trichloropropane | ND | 200 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 50 | µg/L | 49 Isopropylbenzene | ND | 50 | µg/L |
| 15 | Vinyl acetate | ND | 5,000 | µg/L | 50 Bromobenzene | ND | 50 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 1,000 | µg/L | 51 n-Propylbenzene | ND | 50 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 50 | µg/L | 52 4-Chlorotoluene | ND | 50 | µg/L |
| 18 | Bromochloromethane | ND | 50 | µg/L | 53 2-Chlorotoluene | ND | 50 | µg/L |
| 19 | Chloroform | ND | 50 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 50 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 50 | µg/L | 55 tert-Butylbenzene | ND | 50 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 50 | µg/L | 56 1,2,4-Trimethylbenzene | 59 | 50 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 50 | µg/L | 57 sec-Butylbenzene | ND | 50 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 50 | µg/L | 58 1,3-Dichlorobenzene | ND | 50 | µg/L |
| 24 | Carbon tetrachloride | ND | 50 | µg/L | 59 1,4-Dichlorobenzene | ND | 50 | µg/L |
| 25 | Benzene | 3,400 | 25 | µg/L | 60 4-Isopropyltoluene | ND | 50 | µg/L |
| 26 | Dibromomethane | ND | 50 | µg/L | 61 1,2-Dichlorobenzene | ND | 50 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 50 | µg/L | 62 n-Butylbenzene | ND | 50 | µg/L |
| 28 | Trichloroethene | ND | 50 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 300 | µg/L |
| 29 | Bromodichloromethane | ND | 50 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 200 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 250 | µg/L | 65 Naphthalene | ND | 200 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 200 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 50 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | 110 | 25 | µg/L | 69 Surr: 4-Bromofluorobenzene | 95 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 50 | µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
**Report Date**

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-19A
Client I.D. Number: GMW-1

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/11/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 | 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 | Dibromochloromethane | 2.2 | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 | Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 | Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 | Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 | m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 | Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 | Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 | o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 | 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 | Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 | Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 | n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 | 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | 1.3 | 1.0 | µg/L | 53 | 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | 3.9 | 1.0 | µg/L | 54 | 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 | tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 | 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 | sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 | 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 | 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 | 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | 1.5 | 1.0 | µg/L | 61 | 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 | n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | 2.9 | 1.0 | µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 | Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 109 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 | Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 | Surr: 4-Bromofluorobenzene | 95 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | | |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-20A
Client I.D. Number: GMW-4

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit |
|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 2.0 µg/L | 36 | 2-Hexanone | ND | 20 µg/L |
| 2 | Chloromethane | ND | 8.0 µg/L | 37 | Dibromochloromethane | ND | 2.0 µg/L |
| 3 | Vinyl chloride | ND | 2.0 µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 8.0 µg/L |
| 4 | Chloroethane | ND | 2.0 µg/L | 39 | Tetrachloroethene | ND | 2.0 µg/L |
| 5 | Bromomethane | ND | 8.0 µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 2.0 µg/L |
| 6 | Trichlorofluoromethane | ND | 10 µg/L | 41 | Chlorobenzene | ND | 2.0 µg/L |
| 7 | Acetone | ND | 40 µg/L | 42 | Ethylbenzene | 27 | 1.0 µg/L |
| 8 | 1,1-Dichloroethene | ND | 2.0 µg/L | 43 | m,p-Xylene | 8.5 | 1.0 µg/L |
| 9 | Dichloromethane | ND | 8.0 µg/L | 44 | Bromoform | ND | 2.0 µg/L |
| 10 | Freon-113 | ND | 10 µg/L | 45 | Styrene | ND | 2.0 µg/L |
| 11 | Carbon disulfide | ND | 10 µg/L | 46 | o-Xylene | 3.6 | 1.0 µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 2.0 µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 2.0 µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 1.0 µg/L | 48 | 1,2,3-Trichloropropane | ND | 8.0 µg/L |
| 14 | 1,1-Dichloroethane | ND | 2.0 µg/L | 49 | Isopropylbenzene | 10 | 2.0 µg/L |
| 15 | Vinyl acetate | ND | 200 µg/L | 50 | Bromobenzene | ND | 2.0 µg/L |
| 16 | 2-Butanone (MEK) | ND | 40 µg/L | 51 | n-Propylbenzene | 6.9 | 2.0 µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 2.0 µg/L | 52 | 4-Chlorotoluene | ND | 2.0 µg/L |
| 18 | Bromochloromethane | ND | 2.0 µg/L | 53 | 2-Chlorotoluene | ND | 2.0 µg/L |
| 19 | Chloroform | ND | 2.0 µg/L | 54 | 1,3,5-Trimethylbenzene | 2.4 | 2.0 µg/L |
| 20 | 2,2-Dichloropropane | ND | 2.0 µg/L | 55 | tert-Butylbenzene | ND | 2.0 µg/L |
| 21 | 1,2-Dichloroethane | ND | 2.0 µg/L | 56 | 1,2,4-Trimethylbenzene | 27 | 2.0 µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 2.0 µg/L | 57 | sec-Butylbenzene | ND | 2.0 µg/L |
| 23 | 1,1-Dichloropropene | ND | 2.0 µg/L | 58 | 1,3-Dichlorobenzene | ND | 2.0 µg/L |
| 24 | Carbon tetrachloride | ND | 2.0 µg/L | 59 | 1,4-Dichlorobenzene | ND | 2.0 µg/L |
| 25 | Benzene | 110 | 1.0 µg/L | 60 | 4-Isopropyltoluene | 2.3 | 2.0 µg/L |
| 26 | Dibromomethane | ND | 2.0 µg/L | 61 | 1,2-Dichlorobenzene | ND | 2.0 µg/L |
| 27 | 1,2-Dichloropropane | ND | 2.0 µg/L | 62 | n-Butylbenzene | ND | 2.0 µg/L |
| 28 | Trichloroethene | ND | 2.0 µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 12 µg/L |
| 29 | Bromodichloromethane | ND | 2.0 µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 8.0 µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 µg/L | 65 | Naphthalene | 56 | 10 µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 2.0 µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 8.0 µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 2.0 µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 113 | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 2.0 µg/L | 68 | Surr: Toluene-d8 | 97 | %REC |
| 34 | Toluene | ND | 1.0 µg/L | 69 | Surr: 4-Bromofluorobenzene | 94 | %REC |
| 35 | 1,3-Dichloropropane | ND | 2.0 µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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5/17/07
Report Date

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-21A
Client I.D. Number: GMW-3

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 | 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 | Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 | Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 | Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 | Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 | m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 | Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 | Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 | o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 | 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 | Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 | Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 | n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 | 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 | 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 | 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 | tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 | 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 | sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 | 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 | 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 | 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 | 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 | n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 | Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 111 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 | Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 | Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
**Report Date**

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-22A
Client I.D. Number: MW-9

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 µg/L | 36 | 2-Hexanone | ND | 10 | µg/L |
| 2 | Chloromethane | ND | 4.0 µg/L | 37 | Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 1.0 µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 4.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 µg/L | 39 | Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 4.0 µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 µg/L | 41 | Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 20 µg/L | 42 | Ethylbenzene | 0.50 | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 µg/L | 43 | m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 µg/L | 44 | Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 µg/L | 45 | Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 5.0 µg/L | 46 | o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 130 | 0.50 µg/L | 48 | 1,2,3-Trichloropropane | ND | 4.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 µg/L | 49 | Isopropylbenzene | 3.9 | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 100 µg/L | 50 | Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 20 µg/L | 51 | n-Propylbenzene | 2.6 | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 µg/L | 52 | 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 µg/L | 53 | 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 µg/L | 54 | 1,3,5-Trimethylbenzene | 1.2 | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 µg/L | 55 | tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 1.0 µg/L | 56 | 1,2,4-Trimethylbenzene | 17 | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 µg/L | 57 | sec-Butylbenzene | 1.1 | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 µg/L | 58 | 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 µg/L | 59 | 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | 9.2 | 0.50 µg/L | 60 | 4-Isopropyltoluene | 1.5 | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 µg/L | 61 | 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 µg/L | 62 | n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 6.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 4.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 µg/L | 65 | Naphthalene | 47 | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 1.0 µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 4.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 1.0 µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 112 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 µg/L | 68 | Surr: Toluene-d8 | 97 | | %REC |
| 34 | Toluene | ND | 0.50 µg/L | 69 | Surr: 4-Bromofluorobenzene | 97 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 µg/L | | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-23A
Client I.D. Number: GMW-37

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 110 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 92 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
**Report Date**

# *Alpha Analytical, Inc.*

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-24A
Client I.D. Number: GMW-39

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 2.9 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 114 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
**Report Date**

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-25A
Client I.D. Number: MW-15

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit |
|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 5.0 µg/L | 36 | 2-Hexanone | ND | 50 µg/L |
| 2 | Chloromethane | ND | 20 µg/L | 37 | Dibromochloromethane | ND | 5.0 µg/L |
| 3 | Vinyl chloride | ND | 5.0 µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 20 µg/L |
| 4 | Chloroethane | ND | 5.0 µg/L | 39 | Tetrachloroethene | ND | 5.0 µg/L |
| 5 | Bromomethane | ND | 20 µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 5.0 µg/L |
| 6 | Trichlorofluoromethane | ND | 10 µg/L | 41 | Chlorobenzene | ND | 5.0 µg/L |
| 7 | Acetone | ND | 100 µg/L | 42 | Ethylbenzene | ND | 2.5 µg/L |
| 8 | 1,1-Dichloroethene | ND | 5.0 µg/L | 43 | m,p-Xylene | ND | 2.5 µg/L |
| 9 | Dichloromethane | ND | 20 µg/L | 44 | Bromoform | ND | 5.0 µg/L |
| 10 | Freon-113 | ND | 10 µg/L | 45 | Styrene | ND | 5.0 µg/L |
| 11 | Carbon disulfide | ND | 25 µg/L | 46 | o-Xylene | ND | 2.5 µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 5.0 µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 5.0 µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 2.5 µg/L | 48 | 1,2,3-Trichloropropane | ND | 20 µg/L |
| 14 | 1,1-Dichloroethane | ND | 5.0 µg/L | 49 | Isopropylbenzene | ND | 5.0 µg/L |
| 15 | Vinyl acetate | ND | 500 µg/L | 50 | Bromobenzene | ND | 5.0 µg/L |
| 16 | 2-Butanone (MEK) | ND | 100 µg/L | 51 | n-Propylbenzene | ND | 5.0 µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 5.0 µg/L | 52 | 4-Chlorotoluene | ND | 5.0 µg/L |
| 18 | Bromochloromethane | ND | 5.0 µg/L | 53 | 2-Chlorotoluene | ND | 5.0 µg/L |
| 19 | Chloroform | ND | 5.0 µg/L | 54 | 1,3,5-Trimethylbenzene | ND | 5.0 µg/L |
| 20 | 2,2-Dichloropropane | ND | 5.0 µg/L | 55 | tert-Butylbenzene | ND | 5.0 µg/L |
| 21 | 1,2-Dichloroethane | ND | 5.0 µg/L | 56 | 1,2,4-Trimethylbenzene | ND | 5.0 µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 5.0 µg/L | 57 | sec-Butylbenzene | ND | 5.0 µg/L |
| 23 | 1,1-Dichloropropene | ND | 5.0 µg/L | 58 | 1,3-Dichlorobenzene | ND | 5.0 µg/L |
| 24 | Carbon tetrachloride | ND | 5.0 µg/L | 59 | 1,4-Dichlorobenzene | ND | 5.0 µg/L |
| 25 | Benzene | ND | 2.5 µg/L | 60 | 4-Isopropyltoluene | ND | 5.0 µg/L |
| 26 | Dibromomethane | ND | 5.0 µg/L | 61 | 1,2-Dichlorobenzene | ND | 5.0 µg/L |
| 27 | 1,2-Dichloropropane | ND | 5.0 µg/L | 62 | n-Butylbenzene | ND | 5.0 µg/L |
| 28 | Trichloroethene | ND | 5.0 µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 30 µg/L |
| 29 | Bromodichloromethane | ND | 5.0 µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 20 µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 25 µg/L | 65 | Naphthalene | ND | 20 µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 5.0 µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 20 µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 5.0 µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 113 | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 5.0 µg/L | 68 | Surr: Toluene-d8 | 94 | %REC |
| 34 | Toluene | ND | 2.5 µg/L | 69 | Surr: 4-Bromofluorobenzene | 94 | %REC |
| 35 | 1,3-Dichloropropane | ND | 5.0 µg/L | | | | |

Reporting Limits were increased due to sample foaming.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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



5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-26A
Client I.D. Number: GMW-14

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 114 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/17/07
**Report Date**

# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-27A
Client I.D. Number: GMW-13

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 112 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 92 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-28A
Client I.D. Number: GMW-SF-8

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | 2.8 | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 114 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
**Report Date**

# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-29A
Client I.D. Number: MW-8

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 2.0 | µg/L | 36 2-Hexanone | ND | 20 | µg/L |
| 2 | Chloromethane | ND | 8.0 | µg/L | 37 Dibromochloromethane | ND | 2.0 | µg/L |
| 3 | Vinyl chloride | ND | 2.0 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 8.0 | µg/L |
| 4 | Chloroethane | ND | 2.0 | µg/L | 39 Tetrachloroethene | ND | 2.0 | µg/L |
| 5 | Bromomethane | ND | 8.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 2.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 2.0 | µg/L |
| 7 | Acetone | ND | 40 | µg/L | 42 Ethylbenzene | ND | 1.0 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 2.0 | µg/L | 43 m,p-Xylene | ND | 1.0 | µg/L |
| 9 | Dichloromethane | ND | 8.0 | µg/L | 44 Bromoform | ND | 2.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 2.0 | µg/L |
| 11 | Carbon disulfide | ND | 10 | µg/L | 46 o-Xylene | ND | 1.0 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 2.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 2.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 1.0 | µg/L | 48 1,2,3-Trichloropropane | ND | 8.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 2.0 | µg/L | 49 Isopropylbenzene | ND | 2.0 | µg/L |
| 15 | Vinyl acetate | ND | 200 | µg/L | 50 Bromobenzene | ND | 2.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 40 | µg/L | 51 n-Propylbenzene | ND | 2.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 2.0 | µg/L | 52 4-Chlorotoluene | ND | 2.0 | µg/L |
| 18 | Bromochloromethane | ND | 2.0 | µg/L | 53 2-Chlorotoluene | ND | 2.0 | µg/L |
| 19 | Chloroform | ND | 2.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 2.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 2.0 | µg/L | 55 tert-Butylbenzene | ND | 2.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 2.0 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 2.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 2.0 | µg/L | 57 sec-Butylbenzene | ND | 2.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 2.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 2.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 2.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 2.0 | µg/L |
| 25 | Benzene | ND | 1.0 | µg/L | 60 4-Isopropyltoluene | ND | 2.0 | µg/L |
| 26 | Dibromomethane | ND | 2.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 2.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 2.0 | µg/L | 62 n-Butylbenzene | ND | 2.0 | µg/L |
| 28 | Trichloroethene | ND | 2.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 12 | µg/L |
| 29 | Bromodichloromethane | ND | 2.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 8.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 2.0 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 8.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 2.0 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 2.0 | µg/L | 68 Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 1.0 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 2.0 | µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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


Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-30A
Client I.D. Number: EXP-3

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 113 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 92 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 96 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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5/17/07
**Report Date**

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-31A
Client I.D. Number: ZDS-2

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 2.0 | µg/L | 36 2-Hexanone | ND | 20 | µg/L |
| 2 | Chloromethane | ND | 8.0 | µg/L | 37 Dibromochloromethane | ND | 2.0 | µg/L |
| 3 | Vinyl chloride | ND | 2.0 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 8.0 | µg/L |
| 4 | Chloroethane | ND | 2.0 | µg/L | 39 Tetrachloroethene | ND | 2.0 | µg/L |
| 5 | Bromomethane | ND | 8.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 2.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 2.0 | µg/L |
| 7 | Acetone | ND | 40 | µg/L | 42 Ethylbenzene | ND | 1.0 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 2.0 | µg/L | 43 m,p-Xylene | ND | 1.0 | µg/L |
| 9 | Dichloromethane | ND | 8.0 | µg/L | 44 Bromoform | ND | 2.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 2.0 | µg/L |
| 11 | Carbon disulfide | ND | 10 | µg/L | 46 o-Xylene | ND | 1.0 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 2.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 2.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 640 | 1.0 | µg/L | 48 1,2,3-Trichloropropane | ND | 8.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 2.0 | µg/L | 49 Isopropylbenzene | ND | 2.0 | µg/L |
| 15 | Vinyl acetate | ND | 200 | µg/L | 50 Bromobenzene | ND | 2.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 40 | µg/L | 51 n-Propylbenzene | ND | 2.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 2.0 | µg/L | 52 4-Chlorotoluene | ND | 2.0 | µg/L |
| 18 | Bromochloromethane | ND | 2.0 | µg/L | 53 2-Chlorotoluene | ND | 2.0 | µg/L |
| 19 | Chloroform | ND | 2.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 2.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 2.0 | µg/L | 55 tert-Butylbenzene | ND | 2.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 2.0 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 2.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 2.0 | µg/L | 57 sec-Butylbenzene | ND | 2.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 2.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 2.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 2.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 2.0 | µg/L |
| 25 | Benzene | ND | 1.0 | µg/L | 60 4-Isopropyltoluene | ND | 2.0 | µg/L |
| 26 | Dibromomethane | ND | 2.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 2.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 2.0 | µg/L | 62 n-Butylbenzene | ND | 2.0 | µg/L |
| 28 | Trichloroethene | ND | 2.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 12 | µg/L |
| 29 | Bromodichloromethane | ND | 2.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 8.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 2.0 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 8.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 2.0 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 114 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 2.0 | µg/L | 68 Surr: Toluene-d8 | 92 | | %REC |
| 34 | Toluene | ND | 1.0 | µg/L | 69 Surr: 4-Bromofluorobenzene | 95 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 2.0 | µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-32A
Client I.D. Number: ZDS-3

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 117 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 92 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 92 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-33A
Client I.D. Number: ZDS-4

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 20 | µg/L | 36 | 2-Hexanone | ND | 200 | µg/L |
| 2 | Chloromethane | ND | 80 | µg/L | 37 | Dibromochloromethane | ND | 20 | µg/L |
| 3 | Vinyl chloride | ND | 20 | µg/L | 38 | 1,2-Dibromoethane (EDB) | ND | 80 | µg/L |
| 4 | Chloroethane | ND | 20 | µg/L | 39 | Tetrachloroethene | ND | 20 | µg/L |
| 5 | Bromomethane | ND | 80 | µg/L | 40 | 1,1,1,2-Tetrachloroethane | ND | 20 | µg/L |
| 6 | Trichlorofluoromethane | ND | 20 | µg/L | 41 | Chlorobenzene | ND | 20 | µg/L |
| 7 | Acetone | ND | 400 | µg/L | 42 | Ethylbenzene | 50 | 10 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 20 | µg/L | 43 | m,p-Xylene | 440 | 10 | µg/L |
| 9 | Dichloromethane | ND | 80 | µg/L | 44 | Bromoform | ND | 20 | µg/L |
| 10 | Freon-113 | ND | 20 | µg/L | 45 | Styrene | ND | 20 | µg/L |
| 11 | Carbon disulfide | ND | 100 | µg/L | 46 | o-Xylene | 140 | 10 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 20 | µg/L | 47 | 1,1,2,2-Tetrachloroethane | ND | 20 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 10 | 10 | µg/L | 48 | 1,2,3-Trichloropropane | ND | 80 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 20 | µg/L | 49 | Isopropylbenzene | ND | 20 | µg/L |
| 15 | Vinyl acetate | ND | 2,000 | µg/L | 50 | Bromobenzene | ND | 20 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 400 | µg/L | 51 | n-Propylbenzene | 26 | 20 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 20 | µg/L | 52 | 4-Chlorotoluene | ND | 20 | µg/L |
| 18 | Bromochloromethane | ND | 20 | µg/L | 53 | 2-Chlorotoluene | ND | 20 | µg/L |
| 19 | Chloroform | ND | 20 | µg/L | 54 | 1,3,5-Trimethylbenzene | 85 | 20 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 20 | µg/L | 55 | tert-Butylbenzene | ND | 20 | µg/L |
| 21 | 1,2-Dichloroethane | 46 | 20 | µg/L | 56 | 1,2,4-Trimethylbenzene | 310 | 20 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 20 | µg/L | 57 | sec-Butylbenzene | ND | 20 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 20 | µg/L | 58 | 1,3-Dichlorobenzene | ND | 20 | µg/L |
| 24 | Carbon tetrachloride | ND | 20 | µg/L | 59 | 1,4-Dichlorobenzene | ND | 20 | µg/L |
| 25 | Benzene | 1,600 | 10 | µg/L | 60 | 4-Isopropyltoluene | ND | 20 | µg/L |
| 26 | Dibromomethane | ND | 20 | µg/L | 61 | 1,2-Dichlorobenzene | ND | 20 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 20 | µg/L | 62 | n-Butylbenzene | ND | 20 | µg/L |
| 28 | Trichloroethene | ND | 20 | µg/L | 63 | 1,2-Dibromo-3-chloropropane (DBCP) | ND | 120 | µg/L |
| 29 | Bromodichloromethane | ND | 20 | µg/L | 64 | 1,2,4-Trichlorobenzene | ND | 80 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 100 | µg/L | 65 | Naphthalene | ND | 80 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 20 | µg/L | 66 | 1,2,3-Trichlorobenzene | ND | 80 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 20 | µg/L | 67 | Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 20 | µg/L | 68 | Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | 340 | 10 | µg/L | 69 | Surr: 4-Bromofluorobenzene | 98 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 20 | µg/L | | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-34A
Client I.D. Number: ZDS-5

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 10 | µg/L |
| 2 | Chloromethane | ND | 4.0 | µg/L | 37 Dibromochloromethane | 3.0 | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 1.0 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 4.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 4.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 20 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 5.0 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 4.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 100 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 20 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | 1.5 | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | 5.0 | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 1.0 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | 2.0 | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 6.0 | µg/L |
| 29 | Bromodichloromethane | 4.0 | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 4.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 1.0 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 4.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 1.0 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 112 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

Reporting Limits were increased due to sample foaming.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-35A
Client I.D. Number: ZDS-6

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 2.8 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
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5/17/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-36A
Client I.D. Number: ZDS-7

Sampled: 05/04/07
Received: 05/09/07
Analyzed: 05/12/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 2.0 | µg/L | 36 2-Hexanone | ND | 20 | µg/L |
| 2 | Chloromethane | ND | 8.0 | µg/L | 37 Dibromochloromethane | ND | 2.0 | µg/L |
| 3 | Vinyl chloride | ND | 2.0 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 8.0 | µg/L |
| 4 | Chloroethane | ND | 2.0 | µg/L | 39 Tetrachloroethene | ND | 2.0 | µg/L |
| 5 | Bromomethane | ND | 8.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 2.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 2.0 | µg/L |
| 7 | Acetone | ND | 40 | µg/L | 42 Ethylbenzene | ND | 1.0 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 2.0 | µg/L | 43 m,p-Xylene | ND | 1.0 | µg/L |
| 9 | Dichloromethane | ND | 8.0 | µg/L | 44 Bromoform | ND | 2.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 2.0 | µg/L |
| 11 | Carbon disulfide | ND | 10 | µg/L | 46 o-Xylene | ND | 1.0 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 2.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 2.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 1.0 | µg/L | 48 1,2,3-Trichloropropane | ND | 8.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 2.0 | µg/L | 49 Isopropylbenzene | ND | 2.0 | µg/L |
| 15 | Vinyl acetate | ND | 200 | µg/L | 50 Bromobenzene | ND | 2.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 40 | µg/L | 51 n-Propylbenzene | ND | 2.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 2.0 | µg/L | 52 4-Chlorotoluene | ND | 2.0 | µg/L |
| 18 | Bromochloromethane | ND | 2.0 | µg/L | 53 2-Chlorotoluene | ND | 2.0 | µg/L |
| 19 | Chloroform | ND | 2.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 2.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 2.0 | µg/L | 55 tert-Butylbenzene | ND | 2.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 2.0 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 2.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 2.0 | µg/L | 57 sec-Butylbenzene | ND | 2.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 2.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 2.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 2.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 2.0 | µg/L |
| 25 | Benzene | ND | 1.0 | µg/L | 60 4-Isopropyltoluene | ND | 2.0 | µg/L |
| 26 | Dibromomethane | ND | 2.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 2.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 2.0 | µg/L | 62 n-Butylbenzene | ND | 2.0 | µg/L |
| 28 | Trichloroethene | ND | 2.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 12 | µg/L |
| 29 | Bromodichloromethane | ND | 2.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 8.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 2.0 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 8.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 2.0 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 2.0 | µg/L | 68 Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 1.0 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 2.0 | µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-37A
Client I.D. Number: MW-20 (MID)

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 25 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | 20 | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 109 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 95 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 95 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl  Randy Gardner  Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-38A
Client I.D. Number: MW-6

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 2.5 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | 4.0 | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 95 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-39A
Client I.D. Number: GMW-8

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 6.5 | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 113 | | %REC |
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| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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5/17/07
Report Date

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-40A
Client I.D. Number: MW-12

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
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| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 116 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 95 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com


5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-41A
Client I.D. Number: GMW-36

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 200 | µg/L | 36 2-Hexanone | ND | 2,000 | µg/L |
| 2 | Chloromethane | ND | 800 | µg/L | 37 Dibromochloromethane | ND | 200 | µg/L |
| 3 | Vinyl chloride | ND | 200 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 800 | µg/L |
| 4 | Chloroethane | ND | 200 | µg/L | 39 Tetrachloroethene | ND | 200 | µg/L |
| 5 | Bromomethane | ND | 800 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 200 | µg/L |
| 6 | Trichlorofluoromethane | ND | 200 | µg/L | 41 Chlorobenzene | ND | 200 | µg/L |
| 7 | Acetone | ND | 4,000 | µg/L | 42 Ethylbenzene | 1,200 | 100 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 200 | µg/L | 43 m,p-Xylene | 5,300 | 100 | µg/L |
| 9 | Dichloromethane | ND | 800 | µg/L | 44 Bromoform | ND | 200 | µg/L |
| 10 | Freon-113 | ND | 200 | µg/L | 45 Styrene | ND | 200 | µg/L |
| 11 | Carbon disulfide | ND | 1,000 | µg/L | 46 o-Xylene | 2,700 | 100 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 200 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 200 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | 3,900 | 100 | µg/L | 48 1,2,3-Trichloropropane | ND | 800 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 200 | µg/L | 49 Isopropylbenzene | ND | 200 | µg/L |
| 15 | Vinyl acetate | ND | 20,000 | µg/L | 50 Bromobenzene | ND | 200 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 4,000 | µg/L | 51 n-Propylbenzene | ND | 200 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 200 | µg/L | 52 4-Chlorotoluene | ND | 200 | µg/L |
| 18 | Bromochloromethane | ND | 200 | µg/L | 53 2-Chlorotoluene | ND | 200 | µg/L |
| 19 | Chloroform | ND | 200 | µg/L | 54 1,3,5-Trimethylbenzene | 380 | 200 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 200 | µg/L | 55 tert-Butylbenzene | ND | 200 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 200 | µg/L | 56 1,2,4-Trimethylbenzene | 1,000 | 200 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 200 | µg/L | 57 sec-Butylbenzene | ND | 200 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 200 | µg/L | 58 1,3-Dichlorobenzene | ND | 200 | µg/L |
| 24 | Carbon tetrachloride | ND | 200 | µg/L | 59 1,4-Dichlorobenzene | ND | 200 | µg/L |
| 25 | Benzene | 9,800 | 100 | µg/L | 60 4-Isopropyltoluene | ND | 200 | µg/L |
| 26 | Dibromomethane | ND | 200 | µg/L | 61 1,2-Dichlorobenzene | ND | 200 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 200 | µg/L | 62 n-Butylbenzene | ND | 200 | µg/L |
| 28 | Trichloroethene | ND | 200 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 1,200 | µg/L |
| 29 | Bromodichloromethane | ND | 200 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 800 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 1,000 | µg/L | 65 Naphthalene | ND | 800 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 200 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 800 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 200 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 106 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 200 | µg/L | 68 Surr: Toluene-d8 | 95 | | %REC |
| 34 | Toluene | 11,000 | 100 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 200 | µg/L | | | | |

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

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-42A
Client I.D. Number: GMW-SF-7

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

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

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 112 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 95 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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


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5/17/07
Report Date

# Alpha Analytical, Inc.

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## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-43A
Client I.D. Number: GMW-38

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 116 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
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ND = Not Detected

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5/17/07
Report Date

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## ANALYTICAL REPORT

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Newport Beach, CA 926633627
Job#: KMEP-Norwalk

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

Alpha Analytical Number: GMT07050906-44A
Client I.D. Number: GMW-0-19

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
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| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
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| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
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| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
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ND = Not Detected

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Job#: KMEP-Norwalk

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

Alpha Analytical Number: GMT07050906-45A
Client I.D. Number: GMW-0-16

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 113 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 92 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 94 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-46A
Client I.D. Number: PW-1

Sampled: 05/05/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 17 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 115 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 93 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 93 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer
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5/17/07
Report Date

# Alpha Analytical, Inc.

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-47A
Client I.D. Number: QCTB-2

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
| 10 | Freon-113 | ND | 10 | µg/L | 45 Styrene | ND | 1.0 | µg/L |
| 11 | Carbon disulfide | ND | 2.5 | µg/L | 46 o-Xylene | ND | 0.50 | µg/L |
| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 13 | Methyl tert-butyl ether (MTBE) | ND | 0.50 | µg/L | 48 1,2,3-Trichloropropane | ND | 2.0 | µg/L |
| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
| 15 | Vinyl acetate | ND | 50 | µg/L | 50 Bromobenzene | ND | 1.0 | µg/L |
| 16 | 2-Butanone (MEK) | ND | 10 | µg/L | 51 n-Propylbenzene | ND | 1.0 | µg/L |
| 7 | cis-1,2-Dichloroethene | ND | 1.0 | µg/L | 52 4-Chlorotoluene | ND | 1.0 | µg/L |
| 18 | Bromochloromethane | ND | 1.0 | µg/L | 53 2-Chlorotoluene | ND | 1.0 | µg/L |
| 19 | Chloroform | ND | 1.0 | µg/L | 54 1,3,5-Trimethylbenzene | ND | 1.0 | µg/L |
| 20 | 2,2-Dichloropropane | ND | 1.0 | µg/L | 55 tert-Butylbenzene | ND | 1.0 | µg/L |
| 21 | 1,2-Dichloroethane | ND | 0.50 | µg/L | 56 1,2,4-Trimethylbenzene | ND | 1.0 | µg/L |
| 22 | 1,1,1-Trichloroethane | ND | 1.0 | µg/L | 57 sec-Butylbenzene | ND | 1.0 | µg/L |
| 23 | 1,1-Dichloropropene | ND | 1.0 | µg/L | 58 1,3-Dichlorobenzene | ND | 1.0 | µg/L |
| 24 | Carbon tetrachloride | ND | 1.0 | µg/L | 59 1,4-Dichlorobenzene | ND | 1.0 | µg/L |
| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
| 26 | Dibromomethane | ND | 1.0 | µg/L | 61 1,2-Dichlorobenzene | ND | 1.0 | µg/L |
| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
| 28 | Trichloroethene | ND | 1.0 | µg/L | 63 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | µg/L |
| 29 | Bromodichloromethane | ND | 1.0 | µg/L | 64 1,2,4-Trichlorobenzene | ND | 2.0 | µg/L |
| 30 | 4-Methyl-2-pentanone (MIBK) | ND | 10 | µg/L | 65 Naphthalene | ND | 10 | µg/L |
| 31 | cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 66 1,2,3-Trichlorobenzene | ND | 2.0 | µg/L |
| 32 | trans-1,3-Dichloropropene | ND | 0.50 | µg/L | 67 Surr: 1,2-Dichloroethane-d4 | 108 | | %REC |
| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 94 | | %REC |
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ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

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5/17/07
Report Date

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


## ANALYTICAL REPORT

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

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

Alpha Analytical Number: GMT07050906-48A
Client I.D. Number: QCTB-3

Sampled: 05/03/07
Received: 05/09/07
Analyzed: 05/14/07

Volatile Organics by GC/MS
EPA Method 624/SW8260B

| | Compound | Concentration | Reporting Limit | | Compound | Concentration | Reporting Limit | |
|---|---|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane | ND | 1.0 | µg/L | 36 2-Hexanone | ND | 5.0 | µg/L |
| 2 | Chloromethane | ND | 2.0 | µg/L | 37 Dibromochloromethane | ND | 1.0 | µg/L |
| 3 | Vinyl chloride | ND | 0.50 | µg/L | 38 1,2-Dibromoethane (EDB) | ND | 2.0 | µg/L |
| 4 | Chloroethane | ND | 1.0 | µg/L | 39 Tetrachloroethene | ND | 1.0 | µg/L |
| 5 | Bromomethane | ND | 2.0 | µg/L | 40 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/L |
| 6 | Trichlorofluoromethane | ND | 10 | µg/L | 41 Chlorobenzene | ND | 1.0 | µg/L |
| 7 | Acetone | ND | 10 | µg/L | 42 Ethylbenzene | ND | 0.50 | µg/L |
| 8 | 1,1-Dichloroethene | ND | 1.0 | µg/L | 43 m,p-Xylene | ND | 0.50 | µg/L |
| 9 | Dichloromethane | ND | 5.0 | µg/L | 44 Bromoform | ND | 1.0 | µg/L |
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| 12 | trans-1,2-Dichloroethene | ND | 1.0 | µg/L | 47 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/L |
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| 14 | 1,1-Dichloroethane | ND | 1.0 | µg/L | 49 Isopropylbenzene | ND | 1.0 | µg/L |
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| 25 | Benzene | ND | 0.50 | µg/L | 60 4-Isopropyltoluene | ND | 1.0 | µg/L |
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| 27 | 1,2-Dichloropropane | ND | 1.0 | µg/L | 62 n-Butylbenzene | ND | 1.0 | µg/L |
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| 33 | 1,1,2-Trichloroethane | ND | 1.0 | µg/L | 68 Surr: Toluene-d8 | 95 | | %REC |
| 34 | Toluene | ND | 0.50 | µg/L | 69 Surr: 4-Bromofluorobenzene | 96 | | %REC |
| 35 | 1,3-Dichloropropane | ND | 1.0 | µg/L | | | | |

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman


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5/17/07
Report Date

# *Alpha Analytical, Inc.*

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


# VOC Sample Preservation Report

**Work Order:** GMT07050906 **Project:** KMEP-Norwalk

| Alpha's Sample ID | Client's Sample ID | Matrix | pH |
|---|---|---|---|
| 07050906-01A | GMW-0-3 | Aqueous | 3 |
| 07050906-02A | GMW-0-4 (MID) | Aqueous | 2 |
| 07050906-03A | GMW-0-4 | Aqueous | 6 |
| 07050906-04A | GMW-0-5 | Aqueous | 2 |
| 07050906-05A | GMW-0-17 | Aqueous | 2 |
| 07050906-06A | EXP-5 | Aqueous | 2 |
| 07050906-07A | WCW-1 | Aqueous | 2 |
| 07050906-08A | GMW-0-2 | Aqueous | 2 |
| 07050906-09A | PZ-10 | Aqueous | 2 |
| 07050906-10A | GMW-0-18 | Aqueous | 2 |
| 07050906-11A | PZ-5 | Aqueous | 2 |
| 07050906-12A | GMW-0-8 | Aqueous | 2 |
| 07050906-13A | GMW-0-1 | Aqueous | 2 |
| 07050906-14A | GMW-0-9 | Aqueous | 5 |
| 07050906-15A | GMW-0-10 | Aqueous | 2 |
| 07050906-16A | GMW-0-6 | Aqueous | 2 |
| 07050906-17A | GMW-0-14 | Aqueous | 2 |
| 07050906-18A | MW-SF-1 | Aqueous | 2 |
| 07050906-19A | GMW-1 | Aqueous | 2 |
| 07050906-20A | GMW-4 | Aqueous | 6 |
| 07050906-21A | GMW-3 | Aqueous | 2 |
| 07050906-22A | MW-9 | Aqueous | 4 |
| 07050906-23A | GMW-37 | Aqueous | 2 |
| 07050906-24A | GMW-39 | Aqueous | 2 |
| 07050906-25A | MW-15 | Aqueous | 3 |
| 07050906-26A | GMW-14 | Aqueous | 2 |
| 07050906-27A | GMW-13 | Aqueous | 2 |
| 07050906-28A | GMW-SF-8 | Aqueous | 2 |
| 07050906-29A | MW-8 | Aqueous | 2 |
| 07050906-30A | EXP-3 | Aqueous | 2 |
| 07050906-31A | ZDS-2 | Aqueous | 2 |
| 07050906-32A | ZDS-3 | Aqueous | 2 |
| 07050906-33A | ZDS-4 | Aqueous | 2 |
| 07050906-34A | ZDS-5 | Aqueous | 2 |
| 07050906-35A | ZDS-6 | Aqueous | 2 |
| 07050906-36A | ZDS-7 | Aqueous | 2 |
| 07050906-37A | MW-20 (MID) | Aqueous | 3 |
| 07050906-38A | MW-6 | Aqueous | 6 |
| 07050906-39A | GMW-8 | Aqueous | 3 |
| 07050906-40A | MW-12 | Aqueous | 2 |
| 07050906-41A | GMW-36 | Aqueous | 6 |
| 07050906-42A | GMW-SF-7 | Aqueous | 2 |
| 07050906-43A | GMW-38 | Aqueous | 2 |
| 07050906-44A | GMW-0-19 | Aqueous | 2 |
| 07050906-45A | GMW-0-16 | Aqueous | 2 |
| 07050906-46A | PW-1 | Aqueous | 3 |
| 07050906-47A | QCTB-2 | Aqueous | 2 |
| 07050906-48A | QCTB-3 | Aqueous | 2 |

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# VOC Sample Preservation Report

**Work Order:** GMT07050906 **Project:** KMEP-Norwalk

5/17/07
**Report Date**

# Alpha Analytical, Inc.

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


**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17422** Analysis Date: **05/10/2007 14:12**

Sample ID: **MBLK-17422** Units : **mg/L** Run ID: **FID_3_070510B** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (Fuel Product) | ND | 0.1 | | | | | | | | |
| Surr: Nonane | 92.3 | | 100 | | 92 | 46 | 148 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17422** Analysis Date: **05/10/2007 14:44**

Sample ID: **LCS-17422** Units : **mg/L** Run ID: **FID_3_070510B** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.57 | 0.5 | 2.5 | | 103 | 65 | 130 | | | |
| Surr: Nonane | 97.4 | | 100 | | 97 | 46 | 148 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17422** Analysis Date: **05/10/2007 15:49**

Sample ID: **07050906-01AMS** Units : **mg/L** Run ID: **FID_3_070510B** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.48 | 0.5 | 2.5 | 0 | 99 | 37 | 164 | | | |
| Surr: Nonane | 96.2 | | 100 | | 96 | 46 | 148 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17422** Analysis Date: **05/10/2007 16:21**

Sample ID: **07050906-01AMSD** Units : **mg/L** Run ID: **FID_3_070510B** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.46 | 0.5 | 2.5 | 0 | 98 | 37 | 164 | 2.477 | 0.8(20) | |
| Surr: Nonane | 99.6 | | 100 | | 99.6 | 46 | 148 | | | |

**Comments:**

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

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**Date:** *17-May-07*

## QC Summary Report

**Work Order:** 07050906

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17424** Analysis Date: **05/11/2007 11:41**

Sample ID: **MBLK-17424** Units : **mg/L** Run ID: **FID_3_070510C** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (Fuel Product) | ND | 0.1 | | | | | | | | |
| Surr: Nonane | 86.7 | | 100 | | 87 | 46 | 148 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17424** Analysis Date: **05/11/2007 12:13**

Sample ID: **LCS-17424** Units : **mg/L** Run ID: **FID_3_070510C** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.91 | 0.5 | 2.5 | | 116 | 65 | 130 | | | |
| Surr: Nonane | 94.1 | | 100 | | 94 | 46 | 148 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17424** Analysis Date: **05/11/2007 13:18**

Sample ID: **07050906-21AMS** Units : **mg/L** Run ID: **FID_3_070510C** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.59 | 0.5 | 2.5 | 0 | 103 | 37 | 164 | | | |
| Surr: Nonane | 102 | | 100 | | 102 | 46 | 148 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17424** Analysis Date: **05/11/2007 13:50**

Sample ID: **07050906-21AMSD** Units : **mg/L** Run ID: **FID_3_070510C** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.88 | 0.5 | 2.5 | 0 | 115 | 37 | 164 | 2.587 | 10.9(20) | |
| Surr: Nonane | 99.8 | | 100 | | 99.8 | 46 | 148 | | | |

**Comments:**

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

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**Date:** 17-May-07

# QC Summary Report

**Work Order:** 07050906

## Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17425** Analysis Date: **05/11/2007 05:13**

Sample ID: **MBLK-17425** Units : **mg/L** Run ID: **FID_3_070510A** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (Fuel Product) | ND | 0.1 | | | | | | | | |
| Surr: Nonane | 93.3 | | 100 | | 93 | 46 | 148 | | | |

## Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17425** Analysis Date: **05/11/2007 04:41**

Sample ID: **LCS-17425** Units : **mg/L** Run ID: **FID_3_070510A** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 2.7 | 0.5 | 2.5 | | 108 | 65 | 130 | | | |
| Surr: Nonane | 96 | | 100 | | 96 | 46 | 148 | | | |

## Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17425** Analysis Date: **05/11/2007 06:17**

Sample ID: **07050906-41AMS** Units : **mg/L** Run ID: **FID_3_070510A** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 3.86 | 0.5 | 2.5 | 0.9694 | 115 | 37 | 164 | | | |
| Surr: Nonane | 0 | | 100 | | 0 | 46 | 148 | | | S51 |

## Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: Batch ID: **17425** Analysis Date: **05/11/2007 06:50**

Sample ID: **07050906-41AMSD** Units : **mg/L** Run ID: **FID_3_070510A** Prep Date: **05/10/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-E (DRO) | 4.26 | 0.5 | 2.5 | 0.9694 | 132 | 37 | 164 | 3.855 | 10.1(20) | |
| Surr: Nonane | 0 | | 100 | | 0 | 46 | 148 | | | S51 |

**Comments:**

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

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

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**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051105.D** Batch ID: **MS10W0511B** Analysis Date: **05/11/2007 09:03**

Sample ID: **MBLK MS10W0511B** Units : **mg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | ND | 0.05 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.00971 | | 0.01 | | 97 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00971 | | 0.01 | | 97 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00977 | | 0.01 | | 98 | 80 | 120 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051104.D** Batch ID: **MS10W0511B** Analysis Date: **05/11/2007 08:42**

Sample ID: **LCS MS10W0511B** Units : **mg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 0.411 | 0.05 | 0.4 | | 103 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0102 | | 0.01 | | 102 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00962 | | 0.01 | | 96 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00965 | | 0.01 | | 97 | 80 | 120 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051114.D** Batch ID: **MS10W0511B** Analysis Date: **05/11/2007 12:18**

Sample ID: **07051032-01AGS** Units : **mg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.85 | 0.25 | 2 | 0 | 92 | 60 | 131 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0501 | | 0.05 | | 100 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.049 | | 0.05 | | 98 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0486 | | 0.05 | | 97 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051115.D** Batch ID: **MS10W0511B** Analysis Date: **05/11/2007 12:40**

Sample ID: **07051032-01AGSD** Units : **mg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.89 | 0.25 | 2 | 0 | 94 | 60 | 131 | 1.846 | 2.2(20) | |
| Surr: 1,2-Dichloroethane-d4 | 0.0531 | | 0.05 | | 106 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0485 | | 0.05 | | 97 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0477 | | 0.05 | | 95 | 80 | 120 | | | |

**Comments:**

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**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051140.D** Batch ID: **MS10W0511D** Analysis Date: **05/11/2007 21:38**

Sample ID: **MBLK MS10W0511D** Units : **mg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | ND | 0.05 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0108 | | 0.01 | | 108 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00954 | | 0.01 | | 95 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00942 | | 0.01 | | 94 | 80 | 120 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051136.D** Batch ID: **MS10W0511D** Analysis Date: **05/11/2007 20:11**

Sample ID: **LCS MS10W0511D** Units : **mg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 0.382 | 0.05 | 0.4 | | 96 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0105 | | 0.01 | | 105 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00971 | | 0.01 | | 97 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00972 | | 0.01 | | 97 | 80 | 120 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051144.D** Batch ID: **MS10W0511D** Analysis Date: **05/11/2007 23:06**

Sample ID: **07050906-21AGS** Units : **mg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.8 | 0.25 | 2 | 0 | 90 | 60 | 131 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0549 | | 0.05 | | 110 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0479 | | 0.05 | | 96 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0491 | | 0.05 | | 98 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070511\07051145.D** Batch ID: **MS10W0511D** Analysis Date: **05/11/2007 23:28**

Sample ID: **07050906-21AGSD** Units : **mg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.52 | 0.25 | 2 | 0 | 76 | 60 | 131 | 1.796 | 16.8(20) | |
| Surr: 1,2-Dichloroethane-d4 | 0.054 | | 0.05 | | 108 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0474 | | 0.05 | | 95 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0483 | | 0.05 | | 97 | 80 | 120 | | | |

**Comments:**

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**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

### Method Blank

Type **MBLK** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070514\07051407.D** Batch ID: **MS10W0514B** Analysis Date: **05/14/2007 09:56**

Sample ID: **MBLK MS10W0514B** Units : **mg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | ND | 0.05 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0111 | | 0.01 | | 111 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00936 | | 0.01 | | 94 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00941 | | 0.01 | | 94 | 80 | 120 | | | |

### Laboratory Control Spike

Type **LCS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070514\07051404.D** Batch ID: **MS10W0514B** Analysis Date: **05/14/2007 08:51**

Sample ID: **GLCS MS10W0514B** Units : **mg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 0.407 | 0.05 | 0.4 | | 102 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0112 | | 0.01 | | 112 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.00977 | | 0.01 | | 98 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.00958 | | 0.01 | | 96 | 80 | 120 | | | |

### Sample Matrix Spike

Type **MS** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070514\07051413.D** Batch ID: **MS10W0514B** Analysis Date: **05/14/2007 12:05**

Sample ID: **07050906-42AGS** Units : **mg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.95 | 0.25 | 2 | 0 | 97 | 60 | 131 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0556 | | 0.05 | | 111 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0477 | | 0.05 | | 95 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0479 | | 0.05 | | 96 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

Type **MSD** Test Code: **EPA Method SW8015**

File ID: **C:\HPCHEM\MS10\DATA\070514\07051414.D** Batch ID: **MS10W0514B** Analysis Date: **05/14/2007 12:27**

Sample ID: **07050906-42AGSD** Units : **mg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| TPH-P (GRO) | 1.96 | 0.25 | 2 | 0 | 98 | 60 | 131 | 1.946 | 0.9(20) | |
| Surr: 1,2-Dichloroethane-d4 | 0.0568 | | 0.05 | | 114 | 75 | 128 | | | |
| Surr: Toluene-d8 | 0.0479 | | 0.05 | | 96 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.0482 | | 0.05 | | 96 | 80 | 120 | | | |

**Comments:**

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

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**Date:** 17-May-07

## OC Summary Report

**Work Order:** 07050906

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051105.D** Batch ID: **MS10W0511A** Analysis Date: **05/11/2007 09:03**

Sample ID: **MBLK MS10W0511A** Units : **µg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

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

# Alpha Analytical, Inc.

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**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | 2 | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.71 | | 10 | | 97 | 75 | 128 | | |
| Surr: Toluene-d8 | 9.71 | | 10 | | 97 | 80 | 120 | | |
| Surr: 4-Bromofluorobenzene | 9.77 | | 10 | | 98 | 80 | 120 | | |

### Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051103.D** Batch ID: **MS10W0511A** Analysis Date: **05/11/2007 08:20**

Sample ID: **CS MS10W0511A** Units : **µg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 9.39 | 1 | 10 | | 94 | 80 | 120 | | | |
| Methyl tert-butyl ether (MTBE) | 10.7 | 0.5 | 10 | | 107 | 70 | 130 | | | |
| Benzene | 11.1 | 0.5 | 10 | | 111 | 70 | 130 | | | |
| Trichloroethene | 9.94 | 1 | 10 | | 99 | 70 | 130 | | | |
| Toluene | 9.8 | 0.5 | 10 | | 98 | 80 | 120 | | | |
| Chlorobenzene | 10.4 | 1 | 10 | | 104 | 70 | 130 | | | |
| Ethylbenzene | 10.7 | 0.5 | 10 | | 107 | 80 | 120 | | | |
| m,p-Xylene | 10.4 | 0.5 | 10 | | 104 | 70 | 130 | | | |
| o-Xylene | 10.5 | 0.5 | 10 | | 105 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 11.5 | | 10 | | 115 | 75 | 128 | | | |
| Surr: Toluene-d8 | 9.16 | | 10 | | 92 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 9.57 | | 10 | | 96 | 80 | 120 | | | |

### Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051112.D** Batch ID: **MS10W0511A** Analysis Date: **05/11/2007 11:35**

Sample ID: **07050906-01AMS** Units : **µg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 45.7 | 2.5 | 50 | 0 | 91 | 66 | 132 | | | |
| Methyl tert-butyl ether (MTBE) | 51.2 | 1.3 | 50 | 0 | 102 | 62 | 139 | | | |
| Benzene | 48.8 | 1.3 | 50 | 0 | 98 | 70 | 130 | | | |
| Trichloroethene | 48.1 | 2.5 | 50 | 0 | 96 | 69 | 130 | | | |
| Toluene | 47.6 | 1.3 | 50 | 0 | 95 | 67 | 130 | | | |
| Chlorobenzene | 48.8 | 2.5 | 50 | 0 | 98 | 70 | 130 | | | |
| Ethylbenzene | 50.4 | 1.3 | 50 | 0.64 | 99.6 | 70 | 130 | | | |
| m,p-Xylene | 49.7 | 1.3 | 50 | 0 | 99 | 69 | 130 | | | |
| o-Xylene | 51.2 | 1.3 | 50 | 0 | 102 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 48.4 | | 50 | | 97 | 75 | 128 | | | |
| Surr: Toluene-d8 | 50.1 | | 50 | | 100 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 48.8 | | 50 | | 98 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051113.D** Batch ID: **MS10W0511A** Analysis Date: **05/11/2007 11:56**

Sample ID: **07050906-01AMSD** Units : **µg/L** Run ID: **MSD_10_070511A** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 47.8 | 2.5 | 50 | 0 | 96 | 66 | 132 | 45.73 | 4.3(20) | |
| Methyl tert-butyl ether (MTBE) | 52.9 | 1.3 | 50 | 0 | 106 | 62 | 139 | 51.24 | 3.2(20) | |
| Benzene | 49.2 | 1.3 | 50 | 0 | 98 | 70 | 130 | 48.78 | 0.8(20) | |
| Trichloroethene | 49.2 | 2.5 | 50 | 0 | 98 | 69 | 130 | 48.09 | 2.2(20) | |
| Toluene | 47.5 | 1.3 | 50 | 0 | 95 | 67 | 130 | 47.56 | 0.2(20) | |
| Chlorobenzene | 48.9 | 2.5 | 50 | 0 | 98 | 70 | 130 | 48.81 | 0.2(20) | |
| Ethylbenzene | 50.1 | 1.3 | 50 | 0.64 | 99 | 70 | 130 | 50.44 | 0.8(20) | |
| m,p-Xylene | 49.6 | 1.3 | 50 | 0 | 99 | 69 | 130 | 49.65 | 0.0(20) | |
| o-Xylene | 50 | 1.3 | 50 | 0 | 100 | 70 | 130 | 51.2 | 2.4(20) | |
| Surr: 1,2-Dichloroethane-d4 | 51.1 | | 50 | | 102 | 75 | 128 | | | |
| Surr: Toluene-d8 | 49.8 | | 50 | | 99.6 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 49.9 | | 50 | | 99.8 | 80 | 120 | | | |

**Comments:**

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

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**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051140.D** Batch ID: **MS10W0511C** Analysis Date: **05/11/2007 21:38**

Sample ID: **MBLK MS10W0511C** Units : **µg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

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

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**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | 2 | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.8 | | 10 | | 108 | 75 | 128 | | |
| Surr: Toluene-d8 | 9.54 | | 10 | | 95 | 80 | 120 | | |
| Surr: 4-Bromofluorobenzene | 9.42 | | 10 | | 94 | 80 | 120 | | |

### Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051134.D** Batch ID: **MS10W0511C** Analysis Date: **05/11/2007 19:28**

Sample ID: **CS MS10W0511C** Units : **µg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 9.86 | 1 | 10 | | 99 | 80 | 120 | | | |
| Methyl tert-butyl ether (MTBE) | 10.5 | 0.5 | 10 | | 105 | 70 | 130 | | | |
| Benzene | 10.2 | 0.5 | 10 | | 102 | 70 | 130 | | | |
| Trichloroethene | 10.6 | 1 | 10 | | 106 | 70 | 130 | | | |
| Toluene | 9.92 | 0.5 | 10 | | 99 | 80 | 120 | | | |
| Chlorobenzene | 10.1 | 1 | 10 | | 101 | 70 | 130 | | | |
| Ethylbenzene | 10.4 | 0.5 | 10 | | 104 | 80 | 120 | | | |
| m,p-Xylene | 10.5 | 0.5 | 10 | | 105 | 70 | 130 | | | |
| o-Xylene | 10.5 | 0.5 | 10 | | 105 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 10.2 | | 10 | | 102 | 75 | 128 | | | |
| Surr: Toluene-d8 | 10.1 | | 10 | | 101 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 9.98 | | 10 | | 99.8 | 80 | 120 | | | |

### Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051142.D** Batch ID: **MS10W0511C** Analysis Date: **05/11/2007 22:22**

Sample ID: **07050906-21AMS** Units : **µg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 37.8 | 2.5 | 50 | 0 | 76 | 66 | 132 | | | |
| Methyl tert-butyl ether (MTBE) | 50.7 | 1.3 | 50 | 0 | 101 | 62 | 139 | | | |
| Benzene | 43.5 | 1.3 | 50 | 0 | 87 | 70 | 130 | | | |
| Trichloroethene | 43.9 | 2.5 | 50 | 0 | 88 | 69 | 130 | | | |
| Toluene | 41.6 | 1.3 | 50 | 0 | 83 | 67 | 130 | | | |
| Chlorobenzene | 45 | 2.5 | 50 | 0 | 90 | 70 | 130 | | | |
| Ethylbenzene | 44.1 | 1.3 | 50 | 0 | 88 | 70 | 130 | | | |
| m,p-Xylene | 44.9 | 1.3 | 50 | 0 | 90 | 69 | 130 | | | |
| o-Xylene | 46.6 | 1.3 | 50 | 0 | 93 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 54 | | 50 | | 108 | 75 | 128 | | | |
| Surr: Toluene-d8 | 49.4 | | 50 | | 99 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 49.5 | | 50 | | 99 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS10\DATA\070511\07051143.D** Batch ID: **MS10W0511C** Analysis Date: **05/11/2007 22:44**

Sample ID: **07050906-21AMSD** Units : **µg/L** Run ID: **MSD_10_070511B** Prep Date: **05/11/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 39.6 | 2.5 | 50 | 0 | 79 | 66 | 132 | 37.78 | 4.6(20) | |
| Methyl tert-butyl ether (MTBE) | 50.1 | 1.3 | 50 | 0 | 100 | 62 | 139 | 50.69 | 1.1(20) | |
| Benzene | 42.2 | 1.3 | 50 | 0 | 84 | 70 | 130 | 43.46 | 3.0(20) | |
| Trichloroethene | 43.7 | 2.5 | 50 | 0 | 87 | 69 | 130 | 43.87 | 0.3(20) | |
| Toluene | 38.8 | 1.3 | 50 | 0 | 78 | 67 | 130 | 41.57 | 7.0(20) | |
| Chlorobenzene | 41 | 2.5 | 50 | 0 | 82 | 70 | 130 | 44.99 | 9.2(20) | |
| Ethylbenzene | 41.2 | 1.3 | 50 | 0 | 82 | 70 | 130 | 44.1 | 6.9(20) | |
| m,p-Xylene | 41.2 | 1.3 | 50 | 0 | 82 | 69 | 130 | 44.89 | 8.7(20) | |
| o-Xylene | 41.8 | 1.3 | 50 | 0 | 84 | 70 | 130 | 46.62 | 11.0(20) | |
| Surr: 1,2-Dichloroethane-d4 | 53.9 | | 50 | | 108 | 75 | 128 | | | |
| Surr: Toluene-d8 | 46.8 | | 50 | | 94 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 50.6 | | 50 | | 101 | 80 | 120 | | | |

**Comments:**

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

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**Date:** 17-May-07

## QC Summary Report

**Work Order:** 07050906

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

File ID: **C:\HPCHEM\MS10\DATA\070514\07051407.D** Batch ID: **MS10W0514A** Analysis Date: **05/14/2007 09:56**

Sample ID: **MBLK MS10W0514A** Units : **µg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

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

# Alpha Analytical, Inc.

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**Date:** *17-May-07*

## QC Summary Report

**Work Order:** 07050906

| | | | | | | |
|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | ND | 2 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 11.1 | | 10 | 111 | 75 | 128 |
| Surr: Toluene-d8 | 9.36 | | 10 | 94 | 80 | 120 |
| Surr: 4-Bromofluorobenzene | 9.41 | | 10 | 94 | 80 | 120 |

### Laboratory Control Spike

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

File ID: **C:\HPCHEM\MS10\DATA\070514\07051403.D** Batch ID: **MS10W0514A** Analysis Date: **05/14/2007 08:30**

Sample ID: **LCS MS10W0514A** Units : **µg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 10.4 | 1 | 10 | | 104 | 80 | 120 | | | |
| Methyl tert-butyl ether (MTBE) | 11.5 | 0.5 | 10 | | 115 | 70 | 130 | | | |
| Benzene | 10.3 | 0.5 | 10 | | 103 | 70 | 130 | | | |
| Trichloroethene | 10.9 | 1 | 10 | | 109 | 70 | 130 | | | |
| Toluene | 10.2 | 0.5 | 10 | | 102 | 80 | 120 | | | |
| Chlorobenzene | 10.3 | 1 | 10 | | 103 | 70 | 130 | | | |
| Ethylbenzene | 10.6 | 0.5 | 10 | | 106 | 80 | 120 | | | |
| m,p-Xylene | 10.7 | 0.5 | 10 | | 107 | 70 | 130 | | | |
| o-Xylene | 10.8 | 0.5 | 10 | | 108 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 11.2 | | 10 | | 112 | 75 | 128 | | | |
| Surr: Toluene-d8 | 9.98 | | 10 | | 99.8 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 10 | | 10 | | 100 | 80 | 120 | | | |

### Sample Matrix Spike

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

File ID: **C:\HPCHEM\MS10\DATA\070514\07051411.D** Batch ID: **MS10W0514A** Analysis Date: **05/14/2007 11:22**

Sample ID: **07050906-42AMS** Units : **µg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 43.7 | 2.5 | 50 | 0 | 87 | 66 | 132 | | | |
| Methyl tert-butyl ether (MTBE) | 54.1 | 1.3 | 50 | 0 | 108 | 62 | 139 | | | |
| Benzene | 48.1 | 1.3 | 50 | 0 | 96 | 70 | 130 | | | |
| Trichloroethene | 51.7 | 2.5 | 50 | 0 | 103 | 69 | 130 | | | |
| Toluene | 46.9 | 1.3 | 50 | 0 | 94 | 67 | 130 | | | |
| Chlorobenzene | 48.3 | 2.5 | 50 | 0 | 97 | 70 | 130 | | | |
| Ethylbenzene | 49.5 | 1.3 | 50 | 0 | 99 | 70 | 130 | | | |
| m,p-Xylene | 49.8 | 1.3 | 50 | 0 | 99.5 | 69 | 130 | | | |
| o-Xylene | 49.9 | 1.3 | 50 | 0 | 99.7 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 54.4 | | 50 | | 109 | 75 | 128 | | | |
| Surr: Toluene-d8 | 49.5 | | 50 | | 99 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 50.3 | | 50 | | 101 | 80 | 120 | | | |

### Sample Matrix Spike Duplicate

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

File ID: **C:\HPCHEM\MS10\DATA\070514\07051412.D** Batch ID: **MS10W0514A** Analysis Date: **05/14/2007 11:44**

Sample ID: **07050906-42AMSD** Units : **µg/L** Run ID: **MSD_10_070514A** Prep Date: **05/14/2007**

| Analyte | Result | PQL | SpkVal | SpkRefVal | %REC | LCL(ME) | UCL(ME) | RPDRefVal | %RPD(Limit) | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 46.6 | 2.5 | 50 | 0 | 93 | 66 | 132 | 43.67 | 6.5(20) | |
| Methyl tert-butyl ether (MTBE) | 54.8 | 1.3 | 50 | 0 | 110 | 62 | 139 | 54.11 | 1.2(20) | |
| Benzene | 47.5 | 1.3 | 50 | 0 | 95 | 70 | 130 | 48.12 | 1.3(20) | |
| Trichloroethene | 51.6 | 2.5 | 50 | 0 | 103 | 69 | 130 | 51.69 | 0.2(20) | |
| Toluene | 46.6 | 1.3 | 50 | 0 | 93 | 67 | 130 | 46.93 | 0.8(20) | |
| Chlorobenzene | 48 | 2.5 | 50 | 0 | 96 | 70 | 130 | 48.33 | 0.7(20) | |
| Ethylbenzene | 49.5 | 1.3 | 50 | 0 | 99 | 70 | 130 | 49.51 | 0.0(20) | |
| m,p-Xylene | 49.3 | 1.3 | 50 | 0 | 99 | 69 | 130 | 49.76 | 0.8(20) | |
| o-Xylene | 50.2 | 1.3 | 50 | 0 | 100 | 70 | 130 | 49.85 | 0.7(20) | |
| Surr: 1,2-Dichloroethane-d4 | 55.7 | | 50 | | 111 | 75 | 128 | | | |
| Surr: Toluene-d8 | 49.7 | | 50 | | 99 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 50.4 | | 50 | | 101 | 80 | 120 | | | |

**Comments:**

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