Del Mar Analytical

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

# LABORATORY REPORT

Prepared For: TRC-Irvine
21 Technology Drive
Irvine, CA 92618

Attention: Ron Giraudi
Project: Former ILM Facility, 99-200

Sampled: 01/22/01
Received: 01/22/01
Reported: 01/31/01

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CA ELAP Certificate #1197
AZ DHS License #AZ0428

**Del Mar Analytical, Irvine**
Rachel Parker
Project Manager

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TRC-Irvine
21 Technology Drive
Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| | | | ug/l | ug/l | | | | |
| **Sample ID: IKA0889-01 (DP-1-118 - Water)** | | | | | | | | |
| Benzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromochloromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromodichloromethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromoform | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromomethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| n-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| sec-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| tert-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Carbon tetrachloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloroethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloroform | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 2-Chlorotoluene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 4-Chlorotoluene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dibromochloromethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dibromomethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,4-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dichlorodifluoromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| **1,1-Dichloroethene** | EPA 8260B | I1A2510 | 5.0 | **11** | 1 | 1/25/01 | 1/25/01 | |
| cis-1,2-Dichloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| trans-1,2-Dichloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 2,2-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| cis-1,3-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| trans-1,3-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Ethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Hexachlorobutadiene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Isopropylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| p-Isopropyltoluene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Methylene chloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |

**Del Mar Analytical, Irvine**
Rachel Parker
Project Manager

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TRC-Irvine
21 Technology Drive
Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| | | | ug/l | ug/l | | | | |
| **Sample ID: IKA0889-01 (DP-1-118 - Water)** | | | | | | | | |
| Naphthalene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| n-Propylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Styrene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Tetrachloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Toluene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,1-Trichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,2-Trichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| **Trichloroethene** | EPA 8260B | I1A2510 | 2.0 | **35** | 1 | 1/25/01 | 1/25/01 | |
| Trichlorofluoromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,3-Trichloropropane | EPA 8260B | I1A2510 | 10 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Vinyl chloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| o-Xylene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| m,p-Xylenes | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *95.6 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *96.4 %* | | | | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *96.8 %* | | | | |

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Project Manager

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TRC-Irvine
21 Technology Drive
Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| | | | ug/l | ug/l | | | | |
| **Sample ID: IKA0889-02 (DP-1-145 - Water)** | | | | | | | | |
| Benzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromochloromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromodichloromethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromoform | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromomethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| n-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| sec-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| tert-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Carbon tetrachloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloroethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloroform | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 2-Chlorotoluene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 4-Chlorotoluene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dibromochloromethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dibromomethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,4-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dichlorodifluoromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloroethene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| cis-1,2-Dichloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| trans-1,2-Dichloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 2,2-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| cis-1,3-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| trans-1,3-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Ethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Hexachlorobutadiene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Isopropylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| p-Isopropyltoluene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Methylene chloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |

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Rachel Parker
Project Manager

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Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| | | | ug/l | ug/l | | | | |
| **Sample ID: IKA0889-02 (DP-1-145 - Water)** | | | | | | | | |
| Naphthalene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| n-Propylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Styrene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Tetrachloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Toluene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,1-Trichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,2-Trichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| **Trichloroethene** | EPA 8260B | I1A2510 | 2.0 | **45** | 1 | 1/25/01 | 1/25/01 | |
| Trichlorofluoromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,3-Trichloropropane | EPA 8260B | I1A2510 | 10 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Vinyl chloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| o-Xylene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| m,p-Xylenes | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *95.2 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *96.8 %* | | | | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *97.2 %* | | | | |

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Rachel Parker
Project Manager

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Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| | | | ug/l | ug/l | | | | |
| **Sample ID: IKA0889-03 (DI - Water)** | | | | | | | | |
| Benzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromochloromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromodichloromethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromoform | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Bromomethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| n-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| sec-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| tert-Butylbenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Carbon tetrachloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloroethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloroform | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Chloromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 2-Chlorotoluene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 4-Chlorotoluene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dibromochloromethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dibromo-3-chloropropane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dibromoethane (EDB) | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dibromomethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,4-Dichlorobenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Dichlorodifluoromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloroethene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| cis-1,2-Dichloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| trans-1,2-Dichloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 2,2-Dichloropropane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| cis-1,3-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| trans-1,3-Dichloropropene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Ethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Hexachlorobutadiene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Isopropylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| p-Isopropyltoluene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Methylene chloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |

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Rachel Parker
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TRC-Irvine
21 Technology Drive
Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| | | | ug/l | ug/l | | | | |
| **Sample ID: IKA0889-03 (DI - Water)** | | | | | | | | |
| Naphthalene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| n-Propylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Styrene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,1,2-Tetrachloroethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,2,2-Tetrachloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Tetrachloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Toluene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,3-Trichlorobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,4-Trichlorobenzene | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,1-Trichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,1,2-Trichloroethane | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Trichloroethene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Trichlorofluoromethane | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,3-Trichloropropane | EPA 8260B | I1A2510 | 10 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,2,4-Trimethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| 1,3,5-Trimethylbenzene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| Vinyl chloride | EPA 8260B | I1A2510 | 5.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| o-Xylene | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| m,p-Xylenes | EPA 8260B | I1A2510 | 2.0 | ND | 1 | 1/25/01 | 1/25/01 | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *95.6 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *95.2 %* | | | | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *96.0 %* | | | | |

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TRC-Irvine
21 Technology Drive
Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| | | | mg/l | mg/l | | | | |
| **Sample ID: IKA0889-01 (DP-1-118 - Water)** | | | | | | | | |
| Chromium VI | EPA 7199 | I1A2266 | 0.0020 | ND | 1 | 1/22/01 | 1/22/01 | |
| **Sample ID: IKA0889-02 (DP-1-145 - Water)** | | | | | | | | |
| Chromium VI | EPA 7199 | I1A2266 | 0.0020 | ND | 1 | 1/22/01 | 1/22/01 | |
| **Sample ID: IKA0889-03 (DI - Water)** | | | | | | | | |
| Chromium VI | EPA 7199 | I1A2266 | 0.0020 | ND | 1 | 1/22/01 | 1/22/01 | |

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Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: I1A2510 Extracted: 01/25/01** | | | | | | | | | | |
| **Blank Analyzed: 01/25/01 (I1A2510-BLK1)** | | | | | | | | | | |
| Benzene | ND | 2.0 | ug/l | | | | | | | |
| Bromobenzene | ND | 5.0 | ug/l | | | | | | | |
| Bromochloromethane | ND | 5.0 | ug/l | | | | | | | |
| Bromodichloromethane | ND | 2.0 | ug/l | | | | | | | |
| Bromoform | ND | 5.0 | ug/l | | | | | | | |
| Bromomethane | ND | 5.0 | ug/l | | | | | | | |
| n-Butylbenzene | ND | 5.0 | ug/l | | | | | | | |
| sec-Butylbenzene | ND | 5.0 | ug/l | | | | | | | |
| tert-Butylbenzene | ND | 5.0 | ug/l | | | | | | | |
| Carbon tetrachloride | ND | 5.0 | ug/l | | | | | | | |
| Chlorobenzene | ND | 2.0 | ug/l | | | | | | | |
| Chloroethane | ND | 5.0 | ug/l | | | | | | | |
| Chloroform | ND | 2.0 | ug/l | | | | | | | |
| Chloromethane | ND | 5.0 | ug/l | | | | | | | |
| 2-Chlorotoluene | ND | 5.0 | ug/l | | | | | | | |
| 4-Chlorotoluene | ND | 5.0 | ug/l | | | | | | | |
| Dibromochloromethane | ND | 2.0 | ug/l | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 5.0 | ug/l | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 2.0 | ug/l | | | | | | | |
| Dibromomethane | ND | 2.0 | ug/l | | | | | | | |
| 1,2-Dichlorobenzene | ND | 2.0 | ug/l | | | | | | | |
| 1,3-Dichlorobenzene | ND | 2.0 | ug/l | | | | | | | |
| 1,4-Dichlorobenzene | ND | 2.0 | ug/l | | | | | | | |
| Dichlorodifluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1-Dichloroethane | ND | 2.0 | ug/l | | | | | | | |
| 1,2-Dichloroethane | ND | 2.0 | ug/l | | | | | | | |
| 1,1-Dichloroethene | ND | 5.0 | ug/l | | | | | | | |
| cis-1,2-Dichloroethene | ND | 2.0 | ug/l | | | | | | | |
| trans-1,2-Dichloroethene | ND | 2.0 | ug/l | | | | | | | |
| 1,2-Dichloropropane | ND | 2.0 | ug/l | | | | | | | |
| 1,3-Dichloropropane | ND | 2.0 | ug/l | | | | | | | |
| 2,2-Dichloropropane | ND | 2.0 | ug/l | | | | | | | |
| 1,1-Dichloropropene | ND | 2.0 | ug/l | | | | | | | |
| cis-1,3-Dichloropropene | ND | 2.0 | ug/l | | | | | | | |
| trans-1,3-Dichloropropene | ND | 2.0 | ug/l | | | | | | | |

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TRC-Irvine
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Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: I1A2510 Extracted: 01/25/01** | | | | | | | | | | |
| **Blank Analyzed: 01/25/01 (I1A2510-BLK1)** | | | | | | | | | | |
| Ethylbenzene | ND | 2.0 | ug/l | | | | | | | |
| Hexachlorobutadiene | ND | 5.0 | ug/l | | | | | | | |
| Isopropylbenzene | ND | 2.0 | ug/l | | | | | | | |
| p-Isopropyltoluene | ND | 2.0 | ug/l | | | | | | | |
| Methylene chloride | ND | 5.0 | ug/l | | | | | | | |
| Naphthalene | ND | 5.0 | ug/l | | | | | | | |
| n-Propylbenzene | ND | 2.0 | ug/l | | | | | | | |
| Styrene | ND | 2.0 | ug/l | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | ug/l | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | ug/l | | | | | | | |
| Tetrachloroethene | ND | 2.0 | ug/l | | | | | | | |
| Toluene | ND | 2.0 | ug/l | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | ug/l | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | ug/l | | | | | | | |
| 1,1,1-Trichloroethane | ND | 2.0 | ug/l | | | | | | | |
| 1,1,2-Trichloroethane | ND | 2.0 | ug/l | | | | | | | |
| Trichloroethene | ND | 2.0 | ug/l | | | | | | | |
| Trichlorofluoromethane | ND | 5.0 | ug/l | | | | | | | |
| 1,2,3-Trichloropropane | ND | 10 | ug/l | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 2.0 | ug/l | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 2.0 | ug/l | | | | | | | |
| Vinyl chloride | ND | 5.0 | ug/l | | | | | | | |
| o-Xylene | ND | 2.0 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 2.0 | ug/l | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *23.6* | | *ug/l* | *25.0* | | *94.4* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *23.6* | | *ug/l* | *25.0* | | *94.4* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *24.3* | | *ug/l* | *25.0* | | *97.2* | *80-120* | | | |

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Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: I1A2510 Extracted: 01/25/01** | | | | | | | | | | |
| **LCS Analyzed: 01/25/01 (I1A2510-BS1)** | | | | | | | | | | |
| Benzene | 22.1 | 2.0 | ug/l | 25.0 | | 88.4 | 75-130 | | | |
| Bromobenzene | 23.3 | 5.0 | ug/l | 25.0 | | 93.2 | 75-130 | | | |
| Bromochloromethane | 22.8 | 5.0 | ug/l | 25.0 | | 91.2 | 70-140 | | | |
| Bromodichloromethane | 22.8 | 2.0 | ug/l | 25.0 | | 91.2 | 75-135 | | | |
| Bromoform | 24.1 | 5.0 | ug/l | 25.0 | | 96.4 | 55-130 | | | |
| Bromomethane | 24.9 | 5.0 | ug/l | 25.0 | | 99.6 | 65-140 | | | |
| n-Butylbenzene | 22.8 | 5.0 | ug/l | 25.0 | | 91.2 | 75-130 | | | |
| sec-Butylbenzene | 22.2 | 5.0 | ug/l | 25.0 | | 88.8 | 80-135 | | | |
| tert-Butylbenzene | 22.1 | 5.0 | ug/l | 25.0 | | 88.4 | 75-130 | | | |
| Carbon tetrachloride | 23.2 | 5.0 | ug/l | 25.0 | | 92.8 | 70-160 | | | |
| Chlorobenzene | 21.9 | 2.0 | ug/l | 25.0 | | 87.6 | 75-130 | | | |
| Chloroethane | 24.5 | 5.0 | ug/l | 25.0 | | 98.0 | 65-135 | | | |
| Chloroform | 22.5 | 2.0 | ug/l | 25.0 | | 90.0 | 75-130 | | | |
| Chloromethane | 24.8 | 5.0 | ug/l | 25.0 | | 99.2 | 45-130 | | | |
| 2-Chlorotoluene | 22.0 | 5.0 | ug/l | 25.0 | | 88.0 | 75-130 | | | |
| 4-Chlorotoluene | 22.1 | 5.0 | ug/l | 25.0 | | 88.4 | 80-130 | | | |
| Dibromochloromethane | 23.5 | 2.0 | ug/l | 25.0 | | 94.0 | 70-140 | | | |
| 1,2-Dibromo-3-chloropropane | 22.5 | 5.0 | ug/l | 25.0 | | 90.0 | 50-145 | | | |
| 1,2-Dibromoethane (EDB) | 23.1 | 2.0 | ug/l | 25.0 | | 92.4 | 60-145 | | | |
| Dibromomethane | 22.9 | 2.0 | ug/l | 25.0 | | 91.6 | 65-135 | | | |
| 1,2-Dichlorobenzene | 22.5 | 2.0 | ug/l | 25.0 | | 90.0 | 75-130 | | | |
| 1,3-Dichlorobenzene | 22.2 | 2.0 | ug/l | 25.0 | | 88.8 | 75-130 | | | |
| 1,4-Dichlorobenzene | 21.9 | 2.0 | ug/l | 25.0 | | 87.6 | 80-125 | | | |
| Dichlorodifluoromethane | 21.2 | 5.0 | ug/l | 25.0 | | 84.8 | 10-140 | | | |
| 1,1-Dichloroethane | 22.4 | 2.0 | ug/l | 25.0 | | 89.6 | 75-135 | | | |
| 1,2-Dichloroethane | 21.9 | 2.0 | ug/l | 25.0 | | 87.6 | 65-140 | | | |
| 1,1-Dichloroethene | 23.6 | 5.0 | ug/l | 25.0 | | 94.4 | 70-145 | | | |
| cis-1,2-Dichloroethene | 22.2 | 2.0 | ug/l | 25.0 | | 88.8 | 70-130 | | | |
| trans-1,2-Dichloroethene | 24.1 | 2.0 | ug/l | 25.0 | | 96.4 | 75-140 | | | |
| 1,2-Dichloropropane | 22.0 | 2.0 | ug/l | 25.0 | | 88.0 | 75-130 | | | |
| 1,3-Dichloropropane | 22.6 | 2.0 | ug/l | 25.0 | | 90.4 | 65-140 | | | |
| 2,2-Dichloropropane | 21.7 | 2.0 | ug/l | 25.0 | | 86.8 | 75-150 | | | |
| 1,1-Dichloropropene | 22.0 | 2.0 | ug/l | 25.0 | | 88.0 | 75-140 | | | |
| cis-1,3-Dichloropropene | 23.0 | 2.0 | ug/l | 25.0 | | 92.0 | 65-135 | | | |
| trans-1,3-Dichloropropene | 23.0 | 2.0 | ug/l | 25.0 | | 92.0 | 65-140 | | | |

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Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: I1A2510 Extracted: 01/25/01** | | | | | | | | | | |
| **LCS Analyzed: 01/25/01 (I1A2510-BS1)** | | | | | | | | | | |
| Ethylbenzene | 22.2 | 2.0 | ug/l | 25.0 | | 88.8 | 75-135 | | | |
| Hexachlorobutadiene | 22.7 | 5.0 | ug/l | 25.0 | | 90.8 | 75-150 | | | |
| Isopropylbenzene | 21.7 | 2.0 | ug/l | 25.0 | | 86.8 | 80-135 | | | |
| p-Isopropyltoluene | 21.8 | 2.0 | ug/l | 25.0 | | 87.2 | 75-130 | | | |
| Methylene chloride | 21.4 | 5.0 | ug/l | 25.0 | | 85.6 | 70-125 | | | |
| Naphthalene | 21.7 | 5.0 | ug/l | 25.0 | | 86.8 | 50-145 | | | |
| n-Propylbenzene | 22.5 | 2.0 | ug/l | 25.0 | | 90.0 | 80-135 | | | |
| Styrene | 22.8 | 2.0 | ug/l | 25.0 | | 91.2 | 75-140 | | | |
| 1,1,1,2-Tetrachloroethane | 23.6 | 5.0 | ug/l | 25.0 | | 94.4 | 75-135 | | | |
| 1,1,2,2-Tetrachloroethane | 21.5 | 2.0 | ug/l | 25.0 | | 86.0 | 70-135 | | | |
| Tetrachloroethene | 23.1 | 2.0 | ug/l | 25.0 | | 92.4 | 75-130 | | | |
| Toluene | 21.1 | 2.0 | ug/l | 25.0 | | 84.4 | 75-130 | | | |
| 1,2,3-Trichlorobenzene | 22.6 | 5.0 | ug/l | 25.0 | | 90.4 | 50-140 | | | |
| 1,2,4-Trichlorobenzene | 23.6 | 5.0 | ug/l | 25.0 | | 94.4 | 70-130 | | | |
| 1,1,1-Trichloroethane | 22.9 | 2.0 | ug/l | 25.0 | | 91.6 | 75-140 | | | |
| 1,1,2-Trichloroethane | 22.5 | 2.0 | ug/l | 25.0 | | 90.0 | 65-130 | | | |
| Trichloroethene | 22.1 | 2.0 | ug/l | 25.0 | | 88.4 | 75-130 | | | |
| Trichlorofluoromethane | 22.8 | 5.0 | ug/l | 25.0 | | 91.2 | 55-145 | | | |
| 1,2,3-Trichloropropane | 22.6 | 10 | ug/l | 25.0 | | 90.4 | 60-140 | | | |
| 1,2,4-Trimethylbenzene | 22.3 | 2.0 | ug/l | 25.0 | | 89.2 | 80-130 | | | |
| 1,3,5-Trimethylbenzene | 22.8 | 2.0 | ug/l | 25.0 | | 91.2 | 80-135 | | | |
| Vinyl chloride | 23.5 | 5.0 | ug/l | 25.0 | | 94.0 | 45-140 | | | |
| o-Xylene | 21.5 | 2.0 | ug/l | 25.0 | | 86.0 | 75-130 | | | |
| m,p-Xylenes | 41.5 | 2.0 | ug/l | 50.0 | | 83.0 | 75-135 | | | |
| *Surrogate: Dibromofluoromethane* | *23.9* | | *ug/l* | *25.0* | | *95.6* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *24.0* | | *ug/l* | *25.0* | | *96.0* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *24.6* | | *ug/l* | *25.0* | | *98.4* | *80-120* | | | |

**Del Mar Analytical, Irvine**
Rachel Parker
Project Manager

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TRC-Irvine
21 Technology Drive
Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: I1A2510 Extracted: 01/25/01** | | | | | | | | | | |
| **Matrix Spike Analyzed: 01/25/01 (I1A2510-MS1)** | | | | | **Source: IKA1010-04** | | | | | |
| Benzene | 23.7 | 2.0 | ug/l | 25.0 | ND | 94.3 | 70-140 | | | |
| Bromodichloromethane | 25.5 | 2.0 | ug/l | 25.0 | ND | 102 | 75-145 | | | |
| Bromoform | 27.3 | 5.0 | ug/l | 25.0 | ND | 109 | 70-150 | | | |
| Chlorobenzene | 23.5 | 2.0 | ug/l | 25.0 | ND | 94.0 | 75-130 | | | |
| Chloroform | 24.6 | 2.0 | ug/l | 25.0 | ND | 98.4 | 75-150 | | | |
| Dibromochloromethane | 26.1 | 2.0 | ug/l | 25.0 | ND | 104 | 70-145 | | | |
| 1,4-Dichlorobenzene | 23.4 | 2.0 | ug/l | 25.0 | ND | 93.6 | 80-145 | | | |
| 1,1-Dichloroethane | 24.2 | 2.0 | ug/l | 25.0 | ND | 96.8 | 75-160 | | | |
| 1,2-Dichloroethane | 25.0 | 2.0 | ug/l | 25.0 | ND | 100 | 65-160 | | | |
| 1,1-Dichloroethene | 24.5 | 5.0 | ug/l | 25.0 | ND | 98.0 | 65-165 | | | |
| Ethylbenzene | 23.2 | 2.0 | ug/l | 25.0 | ND | 92.8 | 80-135 | | | |
| Naphthalene | 24.8 | 5.0 | ug/l | 25.0 | ND | 99.2 | 50-155 | | | |
| Tetrachloroethene | 24.3 | 2.0 | ug/l | 25.0 | ND | 97.2 | 75-155 | | | |
| Toluene | 23.2 | 2.0 | ug/l | 25.0 | ND | 92.1 | 75-135 | | | |
| Trichloroethene | 31.8 | 2.0 | ug/l | 25.0 | 9.1 | 90.8 | 75-130 | | | |
| Vinyl chloride | 24.4 | 5.0 | ug/l | 25.0 | ND | 97.6 | 40-190 | | | |
| o-Xylene | 22.9 | 2.0 | ug/l | 25.0 | ND | 91.6 | 75-150 | | | |
| m,p-Xylenes | 43.8 | 2.0 | ug/l | 50.0 | ND | 87.6 | 70-140 | | | |
| *Surrogate: Dibromofluoromethane* | *24.7* | | *ug/l* | *25.0* | | *98.8* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *24.2* | | *ug/l* | *25.0* | | *96.8* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *24.6* | | *ug/l* | *25.0* | | *98.4* | *80-120* | | | |
| **Matrix Spike Dup Analyzed: 01/25/01 (I1A2510-MSD1)** | | | | | **Source: IKA1010-04** | | | | | |
| Benzene | 24.0 | 2.0 | ug/l | 25.0 | ND | 95.5 | 70-140 | 1.26 | 20 | |
| Bromodichloromethane | 25.2 | 2.0 | ug/l | 25.0 | ND | 101 | 75-145 | 1.18 | 20 | |
| Bromoform | 27.1 | 5.0 | ug/l | 25.0 | ND | 108 | 70-150 | 0.735 | 20 | |
| Chlorobenzene | 23.8 | 2.0 | ug/l | 25.0 | ND | 95.2 | 75-130 | 1.27 | 20 | |
| Chloroform | 25.1 | 2.0 | ug/l | 25.0 | ND | 100 | 75-150 | 2.01 | 20 | |
| Dibromochloromethane | 26.2 | 2.0 | ug/l | 25.0 | ND | 105 | 70-145 | 0.382 | 20 | |
| 1,4-Dichlorobenzene | 23.8 | 2.0 | ug/l | 25.0 | ND | 95.2 | 80-145 | 1.69 | 20 | |
| 1,1-Dichloroethane | 25.1 | 2.0 | ug/l | 25.0 | ND | 100 | 75-160 | 3.65 | 20 | |
| 1,2-Dichloroethane | 24.5 | 2.0 | ug/l | 25.0 | ND | 98.0 | 65-160 | 2.02 | 20 | |
| 1,1-Dichloroethene | 25.8 | 5.0 | ug/l | 25.0 | ND | 103 | 65-165 | 5.17 | 20 | |
| Ethylbenzene | 23.6 | 2.0 | ug/l | 25.0 | ND | 94.4 | 80-135 | 1.71 | 20 | |
| Naphthalene | 25.0 | 5.0 | ug/l | 25.0 | ND | 100 | 50-155 | 0.803 | 20 | |

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TRC-Irvine
21 Technology Drive
Irvine, CA 92618
Attention: Ron Giraudi

Client Project ID: Former ILM Facility, 99-200

Report Number: IKA0889

Sampled: 01/22/01
Received: 01/22/01

# METHOD BLANK/QC DATA

## VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: I1A2510 Extracted: 01/25/01** | | | | | | | | | | |
| **Matrix Spike Dup Analyzed: 01/25/01 (I1A2510-MSD1)** | | | | | **Source: IKA1010-04** | | | | | |
| Tetrachloroethene | 24.9 | 2.0 | ug/l | 25.0 | ND | 99.6 | 75-155 | 2.44 | 20 | |
| Toluene | 23.5 | 2.0 | ug/l | 25.0 | ND | 93.3 | 75-135 | 1.28 | 20 | |
| Trichloroethene | 32.2 | 2.0 | ug/l | 25.0 | 9.1 | 92.4 | 75-130 | 1.25 | 20 | |
| Vinyl chloride | 25.3 | 5.0 | ug/l | 25.0 | ND | 101 | 40-190 | 3.62 | 25 | |
| o-Xylene | 23.4 | 2.0 | ug/l | 25.0 | ND | 93.6 | 75-150 | 2.16 | 20 | |
| m,p-Xylenes | 44.7 | 2.0 | ug/l | 50.0 | ND | 89.4 | 70-140 | 2.03 | 20 | |
| *Surrogate: Dibromofluoromethane* | *24.4* | | *ug/l* | *25.0* | | *97.6* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *24.2* | | *ug/l* | *25.0* | | *96.8* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *24.5* | | *ug/l* | *25.0* | | *98.0* | *80-120* | | | |

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Report Number: IKA0889

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Received: 01/22/01

# METHOD BLANK/QC DATA

## INORGANICS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: I1A2266 Extracted: 01/22/01** | | | | | | | | | | |
| **Blank Analyzed: 01/22/01 (I1A2266-BLK1)** | | | | | | | | | | |
| Chromium VI | ND | 0.0020 | mg/l | | | | | | | |
| **LCS Analyzed: 01/22/01 (I1A2266-BS1)** | | | | | | | | | | |
| Chromium VI | 0.00437 | 0.0020 | mg/l | 0.00400 | | 109 | 90-110 | | | |
| **Matrix Spike Analyzed: 01/22/01 (I1A2266-MS1)** | | | | | **Source: IKA0889-01** | | | | | |
| Chromium VI | 0.00406 | 0.0020 | mg/l | 0.00400 | ND | 101 | 70-130 | | | |
| **Matrix Spike Dup Analyzed: 01/22/01 (I1A2266-MSD1)** | | | | | **Source: IKA0889-01** | | | | | |
| Chromium VI | 0.00437 | 0.0020 | mg/l | 0.00400 | ND | 109 | 70-130 | 7.35 | 15 | |

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# DATA QUALIFIERS AND DEFINITIONS

**ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

**NR** Not reported.

**RPD** Relative Percent Difference

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# CHAIN OF CUSTODY FORM



Client Name/Address: TRC, 21 Technology Drive, Irvine, CA 92618

Project/PO Number: 99-200

Project Manager: Ron Giraudi

Phone Number: (949) 753-0101

Sampler: Jim Ferrara

Fax Number: (949) 753-0111

| Sample Description | Sample Matrix | Container Type | # of Cont. | Sampling Date | Sampling Time | Preservatives | EPA Method 8260B VOCs | EPA Method 7199 Cr6 | | | | | | | | Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DP-1-118 | $H_2O$ | 500ml 40ml | 4 | 1-22-01 | 11:30 | NaOH HCl | X | X | | | | | | | | |
| DP-1-145 | \| | \| | 4 | \| | 2:30 | \| | X | X | | | | | | | | |
| DI | \| | \| | 3 | \| | 2:50 | \| | X | X | | | | | | | | |

| Relinquished By: | Date /Time: | Received by: | Date /Time: | Turnaround Time: (Check) |
|---|---|---|---|---|
| Jim Ferrara | 1-22-01 6:00PM | | | same day ____ 72 hours ____ |
| Relinquished By: | Date /Time: | Received by: | Date /Time: | 24 hours ____ 5 days ____ |
| | | | | 48 hours ____ normal (X) |
| Relinquished By: | Date /Time: | Received in Lab by: | Date /Time: | Sample Integrity: (Check) |
| | | [illegible] | 1-22-01 18:00 | intact ✓ on ice 2°C |

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.