# GROUNDWATER SAMPLING FIELD NOTES

Technician: [illegible]

Site: 4935 Project No.: C/10500.1 (Ph2) Date: 11/09/05

(0973)

**Well No.:** MW-1

Depth to Water (feet) 4.49

Total Depth (feet) 19.67

Water Column (feet) 15.18

80% Recharge Depth (feet) 7.53

Purge Method: DIA

Depth to Product (feet): 0

LPH & Water Recovered (gallons): 0

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O |
|---|---|---|---|---|---|---|---|---|
| 0822 | | | 2 | 319 | 19.6 | 7.15 | | |
| | | | 4 | 311 | 20.9 | 7.01 | | |
| | 0827 | | 6 | 316 | 20.5 | 7.82 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 5.04 | 6 | 0835 |

**Comments:**

(0973)

**Well No.:** MW-5D

Depth to Water (feet) 19.11

Total Depth (feet) 70.04

Water Column (feet) 50.93

80% Recharge Depth (feet) 29.29

Purge Method Sub

Depth to Product (feet): 0

LPH & Water Recovered (gallons): 0

Casing Diameter (Inches) 2"

1 Well Volume (gallons) 8

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O |
|---|---|---|---|---|---|---|---|---|
| 0849 | | | 8 | 264 | 17.8 | 10.09 | | |
| | | | 16 | 254 | 18.6 | 9.86 | | |
| | 0911 | | 24 | 249 | 19.4 | 9.18 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 29.25 | 24 | 0932 |

**Comments:**

# GROUNDWATER SAMPLING FIELD NOTES

4935

Technician: DAS

Site: (Mw-5)

Project No.: 41050001 / PA20

Date: 11/09/05

Well No.: Mw-5

Purge Method: DIA

(0973)

Depth to Water (feet): 3.97

Depth to Product (feet): d

Total Depth (feet): 19.40

LPH & Water Recovered (gallons): 0

Water Column (feet): 15.43

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 7.05

1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0918 ~~0922~~ | | | 2 | 408 | 19.9 | 7.71 | | |
| | | | 4 | 391 | 20.6 | 7.19 | | |
| | 0925 | | 6 | 570 | 18.9 | 8.43 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 4.07 | 6 | 0942 |

Comments:

Well No.: Mw-2

Purge Method: Dia

(0973)

Depth to Water (feet): 5.16

Depth to Product (feet): d

Total Depth (feet): 19.68

LPH & Water Recovered (gallons): d

Water Column (feet): 14.52

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.06

1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O |
|---|---|---|---|---|---|---|---|---|
| 0955 | | | 2 | 329 | 21.7 | 7.05 | | |
| | | | 4 | 336 | 21.9 | 6.87 | | |
| | 1001 | | 6 | 325 | 21.3 | 8.27 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 5.29 | 6 | 1010 |

Comments:

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 4935

Project No.: 41050001

Date: 11-09-05

Well No.: MW-11S

Purge Method: sub

Depth to Water (feet): 6.81

Depth to Product (feet): —

Total Depth (feet): 20.10

LPH & Water Recovered (gallons): —

Water Column (feet): 13.29

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.47

1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0748 | | | 2 | 745 | 17.2 | 6.94 | | |
| | | | 4 | 501 | 18.7 | 7.02 | | |
| | 0754 | | 6 | 428 | 19.5 | 6.99 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 6.83 | 6 | 0814 |

Comments:

Well No.: MW-11D

Purge Method: sub

Depth to Water (feet): 10.77

Depth to Product (feet): —

Total Depth (feet): 47.40

LPH & Water Recovered (gallons): —

Water Column (feet): 36.63

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 18.09

1 Well Volume (gallons): 6

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0759 | | | 6 | 342 | 17.2 | 7.33 | | |
| | | | 12 | 326 | 17.1 | 7.25 | | |
| | 0817 | | 18 | 318 | 17.5 | 7.22 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 10.97 | 18 | 0829 |

Comments:

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 4935

Project No.: 41050001

Date: 11-09-05

Well No.: MW-7S

Purge Method: ~~sub~~ Dr

Depth to Water (feet): 5.52

Depth to Product (feet): –

Total Depth (feet): 19.91

LPH & Water Recovered (gallons): –

Water Column (feet): 14.39

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.40

1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0910 | | | 2 | 258 | 20.2 | 7.56 | | |
| | | | 4 | 245 | 20.3 | 7.43 | | |
| | 0912 | | 6 | 248 | 19.6 | 7.22 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 5.58 | 6 | 1016 |

Comments:

Well No.: MW-7D

Purge Method: sub

Depth to Water (feet): 11.62

Depth to Product (feet): –

Total Depth (feet): 38.99

LPH & Water Recovered (gallons): –

Water Column (feet): 27.37

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 17.09

1 Well Volume (gallons): 4

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0857 | | | 4 | 392 | 19.5 | 6.93 | | |
| | 0915 | | 8 | – | – | – | | |
| | | | 12 | – | – | – | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 1555 | 7 | 1115 |

Comments: Dry at 7 gal

Did not recover in 45 min static - 22.12

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 4935 Project No.: 41050001 Date: 11-09-05

Well No.: MW-8DR Purge Method: SUB

Depth to Water (feet): 12.23 Depth to Product (feet): —

Total Depth (feet): 39.71 LPH & Water Recovered (gallons): —

Water Column (feet): 27.48 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 17.72 1 Well Volume (gallons): 4

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0931 | | | 4 | 212 | 21.4 | 9.00 | | |
| | 0948 | | 8 | — | — | — | | |
| | | | 12 | — | — | — | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 1755 | 5 | 1052 |

Comments: Dry at 5 gal
Did not recover in 45 min static - 1897

Well No.: _____ Purge Method _____

Depth to Water (feet) _____ Depth to Product (feet) _____

Total Depth (feet): _____ LPH & Water Recovered (gallons): _____

Water Column (feet) _____ Casing Diameter (Inches) _____

80% Recharge Depth (feet) _____ 1 Well Volume (gallons) _____

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| | | |

Comments: _____

# ANALYTICAL REPORT

Job Number: 720-435-1

Job Description: Conoco Phillips #4935, Santa Rosa

For:

TRC Solutions
21 Technology Drive
Irvine, CA 92718

Attention: Ms. Anju Farfan

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
12/12/2005

## Case Narrative

## Non Conformance Summary for job: 720-J435-1

Client: TRC Solutions
Date: 12/12/2005

**Volatiles MS**

Effected Login

720-435

Other Deficiency

The samples were never analyzed for TPH-Gasoline due to laboratory error.

# METHOD SUMMARY

Client: TRC Solutions

Job Number: 720-435-1

| Description | Lab Location | Method | Preparation Method | |
|---|---|---|---|---|
| **Matrix: Water** | | | | |
| Volatile Organic Compounds by GC/MS | STL-SF | SW846 | 8260B | |
| Purge-and-Trap | STL-SF | | SW846 | 5030B |
| Volatile Organic Compounds by GC/MS (Low Level) | STL-SF | SW846 | 8260B | |
| Purge-and-Trap | STL-SF | | SW846 | 5030B |
| 8015B Alcohols | STL-SF | SW846 | 8015B | |
| Purge-and-Trap for Aqueous | STL-SF | | SW846 | 5030B |
| Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) | STL-SF | SW846 | 8015B | |
| Organic Compounds in Water by Microextraction | STL-SF | | SW846 | 3511 |

**LAB REFERENCES:**

STL-SF = STL-San Francisco

**METHOD REFERENCES:**

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

# SAMPLE SUMMARY

Client: TRC Solutions

Job Number: 720-435-1

| Lab Sample ID | Client Sample ID | Client Matrix | Date/Time Sampled | | Date/Time Received | |
|---|---|---|---|---|---|---|
| 720-435-1 | MW-6D | Water | 11/09/2005 | 0958 | 11/09/2005 | 1615 |
| 720-435-2 | MW-6S | Water | 11/09/2005 | 1004 | 11/09/2005 | 1615 |
| 720-435-3 | MW-7D | Water | 11/09/2005 | 1115 | 11/09/2005 | 1615 |
| 720-435-4 | MW-7S | Water | 11/09/2005 | 1016 | 11/09/2005 | 1615 |
| 720-435-5 | MW-8SR | Water | 11/09/2005 | 1025 | 11/09/2005 | 1615 |
| 720-435-6 | MW-8DR | Water | 11/09/2005 | 1052 | 11/09/2005 | 1615 |
| 720-435-7 | MW-9S | Water | 11/09/2005 | 0908 | 11/09/2005 | 1615 |
| 720-435-8 | MW-11D | Water | 11/09/2005 | 0829 | 11/09/2005 | 1615 |
| 720-435-9 | MW-5 | Water | 11/09/2005 | 0942 | 11/09/2005 | 1615 |
| 720-435-10 | MW-5D | Water | 11/09/2005 | 0932 | 11/09/2005 | 1615 |
| 720-435-11 | MW-4 | Water | 11/09/2005 | 0814 | 11/09/2005 | 1615 |
| 720-435-12 | MW-3 | Water | 11/09/2005 | 0755 | 11/09/2005 | 1615 |
| 720-435-13 | MW-2 | Water | 11/09/2005 | 1010 | 11/09/2005 | 1615 |
| 720-435-14 | MW-1 | Water | 11/09/2005 | 0835 | 11/09/2005 | 1615 |
| 720-435-15 | STREAM DOWN | Water | 11/09/2005 | 1035 | 11/09/2005 | 1615 |
| 720-435-16 | STREAM UP | Water | 11/09/2005 | 1052 | 11/09/2005 | 1615 |
| 720-435-17 | MW-10S | Water | 11/09/2005 | 0820 | 11/09/2005 | 1615 |
| 720-435-18 | MW-11S | Water | 11/09/2005 | 0814 | 11/09/2005 | 1615 |
| 720-435-19 | MW-12S | Water | 11/09/2005 | 0835 | 11/09/2005 | 1615 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-6D**

Lab Sample ID: 720-435-1
Client Matrix: Water

Date Sampled: 11/09/2005 0958
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1021
Date Prepared: 11/15/2005 1021

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 230 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | 160 | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | 170 | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 111 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 104 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-6S**

Lab Sample ID: 720-435-2
Client Matrix: Water

Date Sampled: 11/09/2005 1004
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1309
Date Prepared: 11/15/2005 1309

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 5.5 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | 15 | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 111 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 107 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-7D**

Lab Sample ID: 720-435-3
Client Matrix: Water

Date Sampled: 11/09/2005 1115
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1330
Date Prepared: 11/15/2005 1330

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | 3.1 | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | 3.2 | | 0.50 |
| MTBE | 1.9 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | 16 | | 0.50 |
| Xylenes, Total | 19 | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | 92 | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 112 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 107 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-7S**

Lab Sample ID: 720-435-4
Client Matrix: Water

Date Sampled: 11/09/2005 1016
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1351
Date Prepared: 11/15/2005 1351

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 1.2 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 109 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 106 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-8SR**

Lab Sample ID: 720-435-5
Client Matrix: Water

Date Sampled: 11/09/2005 1025
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1124
Date Prepared: 11/15/2005 1124

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | 43 | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | 21 | | 0.50 |
| MTBE | 210 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | 46 | | 0.50 |
| Xylenes, Total | 95 | | 1.0 |
| TBA | 730 | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | 680 | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 112 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 106 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-8DR**

Lab Sample ID: 720-435-6
Client Matrix: Water

Date Sampled: 11/09/2005 1052
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1145
Date Prepared: 11/15/2005 1145

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | 3.6 | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | 3.4 | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | 17 | | 0.50 |
| Xylenes, Total | 19 | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | 94 | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 112 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 107 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-9S**

Lab Sample ID: 720-435-7
Client Matrix: Water

Date Sampled: 11/09/2005 0908
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1206
Date Prepared: 11/15/2005 1206

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 1.1 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 109 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 104 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11D**

Lab Sample ID: 720-435-8
Client Matrix: Water

Date Sampled: 11/09/2005 0829
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1248
Date Prepared: 11/15/2005 1248

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | 1.3 | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | 1.3 | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | 6.0 | | 0.50 |
| Xylenes, Total | 6.9 | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 108 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 104 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-5**

Lab Sample ID: 720-435-9
Client Matrix: Water

Date Sampled: 11/09/2005 0942
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1412
Date Prepared: 11/15/2005 1412

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 5.5 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 112 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 109 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-5D**

Lab Sample ID: 720-435-10
Client Matrix: Water

Date Sampled: 11/09/2005 0932
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1433
Date Prepared: 11/15/2005 1433

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 109 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 111 | 73 - 130 |

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1433
Date Prepared: 11/15/2005 1433

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-4**

Lab Sample ID: 720-435-11
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1454
Date Prepared: 11/15/2005 1454

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 108 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 111 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-3**

Lab Sample ID: 720-435-12
Client Matrix: Water

Date Sampled: 11/09/2005 0755
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1514
Date Prepared: 11/15/2005 1514

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 109 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 113 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-2**

Lab Sample ID: 720-435-13
Client Matrix: Water

Date Sampled: 11/09/2005 1010
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1535
Date Prepared: 11/15/2005 1535

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | 1.4 | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 6.1 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 108 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 110 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-1**

Lab Sample ID: 720-435-14
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1556
Date Prepared: 11/15/2005 1556

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 0.99 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 107 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 112 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: STREAM DOWN**

Lab Sample ID: 720-435-15
Client Matrix: Water

Date Sampled: 11/09/2005 1035
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 2011
Date Prepared: 11/15/2005 2011

Analysis Batch: 720-1973

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 106 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 113 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: STREAM UP**

Lab Sample ID: 720-435-16
Client Matrix: Water

Date Sampled: 11/09/2005 1052
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 2032
Date Prepared: 11/15/2005 2032

Analysis Batch: 720-1973

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 108 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 106 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-10S**

Lab Sample ID: 720-435-17
Client Matrix: Water

Date Sampled: 11/09/2005 0820
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS (Low Level)**

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 11/18/2005 1840
Date Prepared: 11/18/2005 1840

Analysis Batch: 720-2011

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Methyl tert-butyl ether | ND | | 1000 |
| Acetone | ND | | 10000 |
| Benzene | ND | | 100 |
| Dichlorobromomethane | ND | | 100 |
| Bromobenzene | ND | | 200 |
| Chlorobromomethane | ND | | 200 |
| Bromoform | ND | | 200 |
| Bromomethane | ND | | 200 |
| Methyl Ethyl Ketone | ND | | 10000 |
| n-Butylbenzene | ND | | 200 |
| sec-Butylbenzene | ND | | 200 |
| tert-Butylbenzene | ND | | 200 |
| Carbon disulfide | ND | | 1000 |
| Carbon tetrachloride | ND | | 100 |
| Chlorobenzene | ND | | 100 |
| Chloroethane | ND | | 200 |
| Chloroform | ND | | 200 |
| Chloromethane | ND | | 200 |
| 2-Chlorotoluene | ND | | 100 |
| 4-Chlorotoluene | ND | | 100 |
| Chlorodibromomethane | ND | | 100 |
| 1,2-Dichlorobenzene | ND | | 100 |
| 1,3-Dichlorobenzene | ND | | 100 |
| 1,4-Dichlorobenzene | ND | | 100 |
| 1,3-Dichloropropane | ND | | 200 |
| 1,1-Dichloropropene | ND | | 100 |
| 1,2-Dibromo-3-Chloropropane | ND | | 200 |
| Ethylene Dibromide | ND | | 100 |
| Dibromomethane | ND | | 100 |
| Dichlorodifluoromethane | ND | | 100 |
| 1,1-Dichloroethane | ND | | 100 |
| 1,2-Dichloroethane | ND | | 100 |
| 1,1-Dichloroethene | ND | | 100 |
| cis-1,2-Dichloroethene | 370 | | 100 |
| trans-1,2-Dichloroethene | ND | | 100 |
| 1,2-Dichloropropane | ND | | 100 |
| cis-1,3-Dichloropropene | ND | | 100 |
| trans-1,3-Dichloropropene | ND | | 100 |
| Ethylbenzene | ND | | 100 |
| Hexachlorobutadiene | ND | | 200 |
| 2-Hexanone | ND | | 10000 |
| Isopropylbenzene | ND | | 100 |
| 4-Isopropyltoluene | ND | | 200 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-10S**

Lab Sample ID: 720-435-17
Client Matrix: Water

Date Sampled: 11/09/2005 0820
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS (Low Level)**

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 11/18/2005 1840
Date Prepared: 11/18/2005 1840

Analysis Batch: 720-2011

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Methylene Chloride | ND | | 1000 |
| methyl isobutyl ketone | ND | | 10000 |
| Naphthalene | ND | | 200 |
| N-Propylbenzene | ND | | 200 |
| Styrene | ND | | 100 |
| 1,1,1,2-Tetrachloroethane | ND | | 100 |
| 1,1,2,2-Tetrachloroethane | ND | | 100 |
| Tetrachloroethene | 11000 | | 100 |
| Toluene | ND | | 100 |
| 1,2,3-Trichlorobenzene | ND | | 200 |
| 1,2,4-Trichlorobenzene | ND | | 200 |
| 1,1,1-Trichloroethane | ND | | 100 |
| 1,1,2-Trichloroethane | ND | | 100 |
| Trichloroethene | 500 | | 100 |
| Trichlorofluoromethane | ND | | 200 |
| 1,2,3-Trichloropropane | ND | | 100 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 100 |
| 1,2,4-Trimethylbenzene | ND | | 100 |
| 1,3,5-Trimethylbenzene | ND | | 100 |
| Vinyl acetate | ND | | 5000 |
| Vinyl chloride | ND | | 100 |
| Xylenes, Total | ND | | 200 |
| 2,2-Dichloropropane | ND | | 100 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 4-Bromofluorobenzene | 99 | 79 - 118 |
| 1,2-Dichloroethane-d4 | 114 | 78 - 117 |
| Toluene-d8 | 103 | 77 - 121 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-10S**

Lab Sample ID: 720-435-17
Client Matrix: Water

Date Sampled: 11/09/2005 0820
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1617
Date Prepared: 11/15/2005 1617

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| 1,2-Dichloroethane | ND | | 0.50 |
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 3.3 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| EDB | ND | | 0.50 |
| Gasoline Range Organics (GRO)-C6-C12 | 7200 | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | | Acceptance Limits |
|---|---|---|---|
| Toluene-d8 | 74 | * | 77 - 121 |
| 1,2-Dichloroethane-d4 | 111 | | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11S**

Lab Sample ID: 720-435-18
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS (Low Level)**

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 11/18/2005 1913
Date Prepared: 11/18/2005 1913

Analysis Batch: 720-2011

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Methyl tert-butyl ether | ND | | 25 |
| Acetone | ND | | 250 |
| Benzene | ND | | 2.5 |
| Dichlorobromomethane | ND | | 2.5 |
| Bromobenzene | ND | | 5.0 |
| Chlorobromomethane | ND | | 5.0 |
| Bromoform | ND | | 5.0 |
| Bromomethane | ND | | 5.0 |
| Methyl Ethyl Ketone | ND | | 250 |
| n-Butylbenzene | ND | | 5.0 |
| sec-Butylbenzene | ND | | 5.0 |
| tert-Butylbenzene | ND | | 5.0 |
| Carbon disulfide | ND | | 25 |
| Carbon tetrachloride | ND | | 2.5 |
| Chlorobenzene | ND | | 2.5 |
| Chloroethane | ND | | 5.0 |
| Chloroform | ND | | 5.0 |
| Chloromethane | ND | | 5.0 |
| 2-Chlorotoluene | ND | | 2.5 |
| 4-Chlorotoluene | ND | | 2.5 |
| Chlorodibromomethane | ND | | 2.5 |
| 1,2-Dichlorobenzene | ND | | 2.5 |
| 1,3-Dichlorobenzene | ND | | 2.5 |
| 1,4-Dichlorobenzene | ND | | 2.5 |
| 1,3-Dichloropropane | ND | | 5.0 |
| 1,1-Dichloropropene | ND | | 2.5 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 |
| Ethylene Dibromide | ND | | 2.5 |
| Dibromomethane | ND | | 2.5 |
| Dichlorodifluoromethane | ND | | 2.5 |
| 1,1-Dichloroethane | ND | | 2.5 |
| 1,2-Dichloroethane | ND | | 2.5 |
| 1,1-Dichloroethene | ND | | 2.5 |
| cis-1,2-Dichloroethene | 31 | | 2.5 |
| trans-1,2-Dichloroethene | ND | | 2.5 |
| 1,2-Dichloropropane | ND | | 2.5 |
| cis-1,3-Dichloropropene | ND | | 2.5 |
| trans-1,3-Dichloropropene | ND | | 2.5 |
| Ethylbenzene | ND | | 2.5 |
| Hexachlorobutadiene | ND | | 5.0 |
| 2-Hexanone | ND | | 250 |
| Isopropylbenzene | ND | | 2.5 |
| 4-Isopropyltoluene | ND | | 5.0 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11S**

Lab Sample ID: 720-435-18
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS (Low Level)**

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 11/18/2005 1913
Date Prepared: 11/18/2005 1913

Analysis Batch: 720-2011

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Methylene Chloride | ND | | 25 |
| methyl isobutyl ketone | ND | | 250 |
| Naphthalene | ND | | 5.0 |
| N-Propylbenzene | ND | | 5.0 |
| Styrene | ND | | 2.5 |
| 1,1,1,2-Tetrachloroethane | ND | | 2.5 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.5 |
| Tetrachloroethene | 150 | | 2.5 |
| Toluene | ND | | 2.5 |
| 1,2,3-Trichlorobenzene | ND | | 5.0 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 |
| 1,1,1-Trichloroethane | ND | | 2.5 |
| 1,1,2-Trichloroethane | ND | | 2.5 |
| Trichloroethene | 9.9 | | 2.5 |
| Trichlorofluoromethane | ND | | 5.0 |
| 1,2,3-Trichloropropane | ND | | 2.5 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.5 |
| 1,2,4-Trimethylbenzene | ND | | 2.5 |
| 1,3,5-Trimethylbenzene | ND | | 2.5 |
| Vinyl acetate | ND | | 130 |
| Vinyl chloride | ND | | 2.5 |
| Xylenes, Total | ND | | 5.0 |
| 2,2-Dichloropropane | ND | | 2.5 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 4-Bromofluorobenzene | 102 | 79 - 118 |
| 1,2-Dichloroethane-d4 | 112 | 78 - 117 |
| Toluene-d8 | 102 | 77 - 121 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11S**

Lab Sample ID: 720-435-18
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1638
Date Prepared: 11/15/2005 1638

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| 1,2-Dichloroethane | ND | | 0.50 |
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | 1.1 | | 0.50 |
| Xylenes, Total | 1.7 | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| EDB | ND | | 0.50 |
| Gasoline Range Organics (GRO)-C6-C12 | 180 | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 105 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 110 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-12S**

Lab Sample ID: 720-435-19
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS (Low Level)**

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 11/18/2005 1946
Date Prepared: 11/18/2005 1946

Analysis Batch: 720-2011

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Methyl tert-butyl ether | ND | | 500 |
| Acetone | ND | | 5000 |
| Benzene | ND | | 50 |
| Dichlorobromomethane | ND | | 50 |
| Bromobenzene | ND | | 100 |
| Chlorobromomethane | ND | | 100 |
| Bromoform | ND | | 100 |
| Bromomethane | ND | | 100 |
| Methyl Ethyl Ketone | ND | | 5000 |
| n-Butylbenzene | ND | | 100 |
| sec-Butylbenzene | ND | | 100 |
| tert-Butylbenzene | ND | | 100 |
| Carbon disulfide | ND | | 500 |
| Carbon tetrachloride | ND | | 50 |
| Chlorobenzene | ND | | 50 |
| Chloroethane | ND | | 100 |
| Chloroform | ND | | 100 |
| Chloromethane | ND | | 100 |
| 2-Chlorotoluene | ND | | 50 |
| 4-Chlorotoluene | ND | | 50 |
| Chlorodibromomethane | ND | | 50 |
| 1,2-Dichlorobenzene | ND | | 50 |
| 1,3-Dichlorobenzene | ND | | 50 |
| 1,4-Dichlorobenzene | ND | | 50 |
| 1,3-Dichloropropane | ND | | 100 |
| 1,1-Dichloropropene | ND | | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 100 |
| Ethylene Dibromide | ND | | 50 |
| Dibromomethane | ND | | 50 |
| Dichlorodifluoromethane | ND | | 50 |
| 1,1-Dichloroethane | ND | | 50 |
| 1,2-Dichloroethane | ND | | 50 |
| 1,1-Dichloroethene | ND | | 50 |
| cis-1,2-Dichloroethene | 85 | | 50 |
| trans-1,2-Dichloroethene | ND | | 50 |
| 1,2-Dichloropropane | ND | | 50 |
| cis-1,3-Dichloropropene | ND | | 50 |
| trans-1,3-Dichloropropene | ND | | 50 |
| Ethylbenzene | ND | | 50 |
| Hexachlorobutadiene | ND | | 100 |
| 2-Hexanone | ND | | 5000 |
| Isopropylbenzene | ND | | 50 |
| 4-Isopropyltoluene | ND | | 100 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-12S**

Lab Sample ID: 720-435-19
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS (Low Level)**

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 11/18/2005 1946
Date Prepared: 11/18/2005 1946

Analysis Batch: 720-2011

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Methylene Chloride | ND | | 500 |
| methyl isobutyl ketone | ND | | 5000 |
| Naphthalene | ND | | 100 |
| N-Propylbenzene | ND | | 100 |
| Styrene | ND | | 50 |
| 1,1,1,2-Tetrachloroethane | ND | | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 50 |
| Tetrachloroethene | 6000 | | 50 |
| Toluene | ND | | 50 |
| 1,2,3-Trichlorobenzene | ND | | 100 |
| 1,2,4-Trichlorobenzene | ND | | 100 |
| 1,1,1-Trichloroethane | ND | | 50 |
| 1,1,2-Trichloroethane | ND | | 50 |
| Trichloroethene | 160 | | 50 |
| Trichlorofluoromethane | ND | | 100 |
| 1,2,3-Trichloropropane | ND | | 50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 50 |
| 1,2,4-Trimethylbenzene | ND | | 50 |
| 1,3,5-Trimethylbenzene | ND | | 50 |
| Vinyl acetate | ND | | 2500 |
| Vinyl chloride | ND | | 50 |
| Xylenes, Total | ND | | 100 |
| 2,2-Dichloropropane | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 4-Bromofluorobenzene | 102 | 79 - 118 |
| 1,2-Dichloroethane-d4 | 111 | 78 - 117 |
| Toluene-d8 | 101 | 77 - 121 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-12S**

Lab Sample ID: 720-435-19
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1659
Date Prepared: 11/15/2005 1659

Analysis Batch: 720-1972

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\11
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| 1,2-Dichloroethane | ND | | 0.50 |
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | 2.8 | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| EDB | ND | | 0.50 |
| Gasoline Range Organics (GRO)-C6-C12 | 2700 | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 96 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 108 | 73 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-6D**

Lab Sample ID: 720-435-1
Client Matrix: Water

Date Sampled: 11/09/2005 0958
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1247
Date Prepared: 11/14/2005 1247

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 115 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-6S**

Lab Sample ID: 720-435-2
Client Matrix: Water

Date Sampled: 11/09/2005 1004
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1324
Date Prepared: 11/14/2005 1324

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 112 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-7D**

Lab Sample ID: 720-435-3
Client Matrix: Water

Date Sampled: 11/09/2005 1115
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1336
Date Prepared: 11/14/2005 1336

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 113 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-7S**

Lab Sample ID: 720-435-4
Client Matrix: Water

Date Sampled: 11/09/2005 1016
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1348
Date Prepared: 11/14/2005 1348

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 114 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-8SR**

Lab Sample ID: 720-435-5
Client Matrix: Water

Date Sampled: 11/09/2005 1025
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1401
Date Prepared: 11/14/2005 1401

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 110 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-8DR**

Lab Sample ID: 720-435-6
Client Matrix: Water

Date Sampled: 11/09/2005 1052
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1634
Date Prepared: 11/14/2005 1634

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 111 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-9S**

Lab Sample ID: 720-435-7
Client Matrix: Water

Date Sampled: 11/09/2005 0908
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1646
Date Prepared: 11/14/2005 1646

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 124 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11D**

Lab Sample ID: 720-435-8
Client Matrix: Water

Date Sampled: 11/09/2005 0829
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1658
Date Prepared: 11/14/2005 1658

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 123 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-5**

Lab Sample ID: 720-435-9
Client Matrix: Water

Date Sampled: 11/09/2005 0942
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1711
Date Prepared: 11/14/2005 1711

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 109 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-5D**

Lab Sample ID: 720-435-10
Client Matrix: Water

Date Sampled: 11/09/2005 0932
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1723
Date Prepared: 11/14/2005 1723

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 124 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-4**

Lab Sample ID: 720-435-11
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1736
Date Prepared: 11/14/2005 1736

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 128 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-3**

Lab Sample ID: 720-435-12
Client Matrix: Water

Date Sampled: 11/09/2005 0755
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1748
Date Prepared: 11/14/2005 1748

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 102 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-2**

Lab Sample ID: 720-435-13
Client Matrix: Water

Date Sampled: 11/09/2005 1010
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/14/2005 1800
Date Prepared: 11/14/2005 1800

Analysis Batch: 720-1790

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 125 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-1**

Lab Sample ID: 720-435-14
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/16/2005 1442
Date Prepared: 11/16/2005 1442

Analysis Batch: 720-1880

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 127 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: STREAM DOWN**

Lab Sample ID: 720-435-15
Client Matrix: Water

Date Sampled: 11/09/2005 1035
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/16/2005 1519
Date Prepared: 11/16/2005 1519

Analysis Batch: 720-1880

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 124 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: STREAM UP**

Lab Sample ID: 720-435-16
Client Matrix: Water

Date Sampled: 11/09/2005 1052
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/16/2005 1532
Date Prepared: 11/16/2005 1532

Analysis Batch: 720-1880

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 124 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-10S**

Lab Sample ID: 720-435-17
Client Matrix: Water

Date Sampled: 11/09/2005 0820
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/16/2005 1554
Date Prepared: 11/16/2005 1554

Analysis Batch: 720-1880

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 128 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11S**

Lab Sample ID: 720-435-18
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/16/2005 1556
Date Prepared: 11/16/2005 1556

Analysis Batch: 720-1880

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 125 | 60 - 130 |

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/16/2005 1901
Date Prepared: 11/16/2005 1901

Analysis Batch: 720-1882

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: SECONDARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | Err | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | | |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-12S**

Lab Sample ID: 720-435-19
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8015B 8015B Alcohols**

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/15/2005 1041
Date Prepared: 11/15/2005 1041

Analysis Batch: 720-1931

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: SECONDARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | Err | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | | |

Method: 8015B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/16/2005 1609
Date Prepared: 11/16/2005 1609

Analysis Batch: 720-1880

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (mg/L) | Qualifier | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 123 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-6D**

Lab Sample ID: 720-435-1
Client Matrix: Water

Date Sampled: 11/09/2005 0958
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 1302
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | 59 | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 107 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-6S**

Lab Sample ID: 720-435-2
Client Matrix: Water

Date Sampled: 11/09/2005 1004
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/17/2005 1921
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 111 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-7D**

Lab Sample ID: 720-435-3
Client Matrix: Water

Date Sampled: 11/09/2005 1115
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/17/2005 1948
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | 57 | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 111 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-7S**

Lab Sample ID: 720-435-4
Client Matrix: Water

Date Sampled: 11/09/2005 1016
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/20/2005 1026
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 118 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-8SR**

Lab Sample ID: 720-435-5
Client Matrix: Water

Date Sampled: 11/09/2005 1025
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/17/2005 2042
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | 97 | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 113 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-8DR**

Lab Sample ID: 720-435-6
Client Matrix: Water

Date Sampled: 11/09/2005 1052
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/17/2005 2109
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 107 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-9S**

Lab Sample ID: 720-435-7
Client Matrix: Water

Date Sampled: 11/09/2005 0908
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/20/2005 1057
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 117 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11D**

Lab Sample ID: 720-435-8
Client Matrix: Water

Date Sampled: 11/09/2005 0829
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/17/2005 2204
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 106 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-5**

Lab Sample ID: 720-435-9
Client Matrix: Water

Date Sampled: 11/09/2005 0942
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/17/2005 2231
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | 95 | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 109 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-5D**

Lab Sample ID: 720-435-10
Client Matrix: Water

Date Sampled: 11/09/2005 0932
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/20/2005 1128
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 118 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-4**

Lab Sample ID: 720-435-11
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/17/2005 2325
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 104 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-3**

Lab Sample ID: 720-435-12
Client Matrix: Water

Date Sampled: 11/09/2005 0755
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 0046
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 108 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-2**

Lab Sample ID: 720-435-13
Client Matrix: Water

Date Sampled: 11/09/2005 1010
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 0113
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 111 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-1**

Lab Sample ID: 720-435-14
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 1415
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 110 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: STREAM DOWN**

Lab Sample ID: 720-435-15
Client Matrix: Water

Date Sampled: 11/09/2005 1035
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 0207
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 109 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: STREAM UP**

Lab Sample ID: 720-435-16
Client Matrix: Water

Date Sampled: 11/09/2005 1052
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 0234
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 111 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-10S**

Lab Sample ID: 720-435-17
Client Matrix: Water

Date Sampled: 11/09/2005 0820
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 0302
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 104 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-11S**

Lab Sample ID: 720-435-18
Client Matrix: Water

Date Sampled: 11/09/2005 0814
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1.0
Date Analyzed: 11/18/2005 0329
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 104 | 60 - 130 |

Client: TRC Solutions

Job Number: 720-435-1

**Client Sample ID: MW-12S**

Lab Sample ID: 720-435-19
Client Matrix: Water

Date Sampled: 11/09/2005 0835
Date Received: 11/09/2005 1615

**8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Method: 8015B
Preparation: 3511
Dilution: 1 0
Date Analyzed: 11/18/2005 0356
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result (ug/L) | Qualifier | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 110 | 60 - 130 |

# DATA REPORTING QUALIFIERS

Client: TRC Solutions

Job Number: 720-435-1

| Lab Section | Qualifier | Description |
|---|---|---|
| GC/MS VOA | | |
| | * | LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits |

Client: TRC Solutions

Job Number: 720-435-1

## QC Association Summary

| Lab Sample ID | Client Sample ID | Client Matrix | Method | Prep Batch |
|---|---|---|---|---|
| **GC/MS VOA** | | | | |
| **Analysis Batch:720-1972** | | | | |
| LCS 720-1972/17 | Lab Control Spike | Water | 8260B | |
| LCSD 720-1972/16 | Lab Control Spike Duplicate | Water | 8260B | |
| MB 720-1972/18 | Method Blank | Water | 8260B | |
| 720-435-1 | MW-6D | Water | 8260B | |
| 720-435-2 | MW-6S | Water | 8260B | |
| 720-435-3 | MW-7D | Water | 8260B | |
| 720-435-4 | MW-7S | Water | 8260B | |
| 720-435-5 | MW-8SR | Water | 8260B | |
| 720-435-6 | MW-8DR | Water | 8260B | |
| 720-435-7 | MW-9S | Water | 8260B | |
| 720-435-8 | MW-11D | Water | 8260B | |
| 720-435-9 | MW-5 | Water | 8260B | |
| 720-435-10 | MW-5D | Water | 8260B | |
| 720-435-11 | MW-4 | Water | 8260B | |
| 720-435-12 | MW-3 | Water | 8260B | |
| 720-435-13 | MW-2 | Water | 8260B | |
| 720-435-14 | MW-1 | Water | 8260B | |
| 720-435-17 | MW-10S | Water | 8260B | |
| 720-435-18 | MW-11S | Water | 8260B | |
| 720-435-19 | MW-12S | Water | 8260B | |
| **Analysis Batch:720-1973** | | | | |
| LCS 720-1973/4 | Lab Control Spike | Water | 8260B | |
| LCSD 720-1973/3 | Lab Control Spike Duplicate | Water | 8260B | |
| 720-435-15 | STREAM DOWN | Water | 8260B | |
| 720-435-16 | STREAM UP | Water | 8260B | |
| **Analysis Batch:720-2011** | | | | |
| LCS 720-2011/11 | Lab Control Spike | Water | 8260B | |
| MB 720-2011/12 | Method Blank | Water | 8260B | |
| 720-435-17 | MW-10S | Water | 8260B | |
| 720-435-18 | MW-11S | Water | 8260B | |
| 720-435-19 | MW-12S | Water | 8260B | |
| 720-524-A-6 MS | Matrix Spike | Water | 8260B | |
| 720-524-A-6 MSD | Matrix Spike Duplicate | Water | 8260B | |

Client: TRC Solutions

Job Number: 720-435-1

## QC Association Summary

| Lab Sample ID | Client Sample ID | Client Matrix | Method | Prep Batch |
|---|---|---|---|---|
| **GC VOA** | | | | |
| **Analysis Batch:720-1790** | | | | |
| LCS 720-1790/1 | Lab Control Spike | Water | 8015B | |
| MB 720-1790/19 | Method Blank | Water | 8015B | |
| 720-435-1 | MW-6D | Water | 8015B | |
| 720-435-1MS | Matrix Spike | Water | 8015B | |
| 720-435-1MSD | Matrix Spike Duplicate | Water | 8015B | |
| 720-435-2 | MW-6S | Water | 8015B | |
| 720-435-3 | MW-7D | Water | 8015B | |
| 720-435-4 | MW-7S | Water | 8015B | |
| 720-435-5 | MW-8SR | Water | 8015B | |
| 720-435-6 | MW-8DR | Water | 8015B | |
| 720-435-7 | MW-9S | Water | 8015B | |
| 720-435-8 | MW-11D | Water | 8015B | |
| 720-435-9 | MW-5 | Water | 8015B | |
| 720-435-10 | MW-5D | Water | 8015B | |
| 720-435-11 | MW-4 | Water | 8015B | |
| 720-435-12 | MW-3 | Water | 8015B | |
| 720-435-13 | MW-2 | Water | 8015B | |
| **Analysis Batch:720-1880** | | | | |
| LCS 720-1880/1 | Lab Control Spike | Water | 8015B | |
| MB 720-1880/2 | Method Blank | Water | 8015B | |
| 720-435-14 | MW-1 | Water | 8015B | |
| 720-435-14MS | Matrix Spike | Water | 8015B | |
| 720-435-14MSD | Matrix Spike Duplicate | Water | 8015B | |
| 720-435-15 | STREAM DOWN | Water | 8015B | |
| 720-435-16 | STREAM UP | Water | 8015B | |
| 720-435-17 | MW-10S | Water | 8015B | |
| 720-435-18 | MW-11S | Water | 8015B | |
| 720-435-19 | MW-12S | Water | 8015B | |
| **Analysis Batch:720-1882** | | | | |
| LCS 720-1882/2 | Lab Control Spike | Water | 8015B | |
| MB 720-1882/1 | Method Blank | Water | 8015B | |
| 720-435-18 | MW-11S | Water | 8015B | |
| 720-435-18MS | Matrix Spike | Water | 8015B | |
| 720-435-18MSD | Matrix Spike Duplicate | Water | 8015B | |
| **Analysis Batch:720-1931** | | | | |
| LCS 720-1931/2 | Lab Control Spike | Water | 8015B | |
| MB 720-1931/1 | Method Blank | Water | 8015B | |
| 720-435-19 | MW-12S | Water | 8015B | |
| 720-435-19MS | Matrix Spike | Water | 8015B | |
| 720-435-19MSD | Matrix Spike Duplicate | Water | 8015B | |

Client: TRC Solutions

Job Number: 720-435-1

## QC Association Summary

| Lab Sample ID | Client Sample ID | Client Matrix | Method | Prep Batch |
|---|---|---|---|---|
| **GC Semi VOA** | | | | |
| **Prep Batch: 720-1848** | | | | |
| LCS 720-1848/2-A | Lab Control Spike | Water | 3511 | |
| LCSD 720-1848/3-A | Lab Control Spike Duplicate | Water | 3511 | |
| MB 720-1848/1-A | Method Blank | Water | 3511 | |
| 720-435-1 | MW-6D | Water | 3511 | |
| 720-435-2 | MW-6S | Water | 3511 | |
| 720-435-3 | MW-7D | Water | 3511 | |
| 720-435-4 | MW-7S | Water | 3511 | |
| 720-435-5 | MW-8SR | Water | 3511 | |
| 720-435-6 | MW-8DR | Water | 3511 | |
| 720-435-7 | MW-9S | Water | 3511 | |
| 720-435-8 | MW-11D | Water | 3511 | |
| 720-435-9 | MW-5 | Water | 3511 | |
| 720-435-10 | MW-5D | Water | 3511 | |
| 720-435-11 | MW-4 | Water | 3511 | |
| 720-435-12 | MW-3 | Water | 3511 | |
| 720-435-13 | MW-2 | Water | 3511 | |
| 720-435-14 | MW-1 | Water | 3511 | |
| 720-435-15 | STREAM DOWN | Water | 3511 | |
| 720-435-16 | STREAM UP | Water | 3511 | |
| 720-435-17 | MW-10S | Water | 3511 | |
| 720-435-18 | MW-11S | Water | 3511 | |
| 720-435-19 | MW-12S | Water | 3511 | |
| **Analysis Batch:720-2015** | | | | |
| LCS 720-1848/2-A | Lab Control Spike | Water | 8015B | 720-1848 |
| LCSD 720-1848/3-A | Lab Control Spike Duplicate | Water | 8015B | 720-1848 |
| MB 720-1848/1-A | Method Blank | Water | 8015B | 720-1848 |
| 720-435-1 | MW-6D | Water | 8015B | 720-1848 |
| 720-435-2 | MW-6S | Water | 8015B | 720-1848 |
| 720-435-3 | MW-7D | Water | 8015B | 720-1848 |
| 720-435-4 | MW-7S | Water | 8015B | 720-1848 |
| 720-435-5 | MW-8SR | Water | 8015B | 720-1848 |
| 720-435-6 | MW-8DR | Water | 8015B | 720-1848 |
| 720-435-7 | MW-9S | Water | 8015B | 720-1848 |
| 720-435-8 | MW-11D | Water | 8015B | 720-1848 |
| 720-435-9 | MW-5 | Water | 8015B | 720-1848 |
| 720-435-10 | MW-5D | Water | 8015B | 720-1848 |
| 720-435-11 | MW-4 | Water | 8015B | 720-1848 |
| 720-435-12 | MW-3 | Water | 8015B | 720-1848 |
| 720-435-13 | MW-2 | Water | 8015B | 720-1848 |
| 720-435-14 | MW-1 | Water | 8015B | 720-1848 |
| 720-435-15 | STREAM DOWN | Water | 8015B | 720-1848 |
| 720-435-16 | STREAM UP | Water | 8015B | 720-1848 |
| 720-435-17 | MW-10S | Water | 8015B | 720-1848 |
| 720-435-18 | MW-11S | Water | 8015B | 720-1848 |
| 720-435-19 | MW-12S | Water | 8015B | 720-1848 |

Client: TRC Solutions

Job Number: 720-435-1

## QC Association Summary

| Lab Sample ID | Client Sample ID | Client Matrix | Method | Prep Batch |
|---|---|---|---|---|

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-1972**

**Method: 8260B**
**Preparation: 5030B**

Lab Sample ID: MB 720-1972/18
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 0902
Date Prepared: 11/15/2005 0902

Analysis Batch: 720-1972
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\1'
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Benzene | ND | | 0.50 |
| Ethanol | ND | | 100 |
| Ethylbenzene | ND | | 0.50 |
| MTBE | ND | | 0.50 |
| TAME | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| TBA | ND | | 5.0 |
| DIPE | ND | | 1.0 |
| Gasoline Range Organics (GRO)-C6-C12 | ND | | 50 |
| Ethyl tert-butyl ether | ND | | 0.50 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| Toluene-d8 | 109 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 107 | 73 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Laboratory Control/**
**Laboratory Control Duplicate Recovery Report - Batch: 720-1972**

**Method: 8260B**
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-1972/17
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 0645
Date Prepared: 11/15/2005 0645

Analysis Batch: 720-1972
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-1972/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 0706
Date Prepared: 11/15/2005 0706

Analysis Batch: 720-1972
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\111
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | % Rec LCS | % Rec LCSD | Limit | RPD | RPD Limit | LCS Qual | LCSD Qual |
|---|---|---|---|---|---|---|---|
| Benzene | 90 | 90 | 69 - 129 | 1 | 25 | | |
| MTBE | 90 | 86 | 65 - 165 | 5 | 25 | | |
| Toluene | 97 | 93 | 70 - 130 | 4 | 25 | | |

| Surrogate | LCS % Rec | LCSD % Rec | Acceptance Limits |
|---|---|---|---|
| Toluene-d8 | 113 | 110 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 101 | 97 | 73 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Laboratory Control/**
**Laboratory Control Duplicate Recovery Report - Batch: 720-1973**

**Method: 8260B**
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-1973/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 1854
Date Prepared: 11/15/2005 1854

Analysis Batch: 720-1973
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: CSD 720-1973/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 1915
Date Prepared: 11/15/2005 1915

Analysis Batch: 720-1973
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200511\111
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

| Analyte | % Rec LCS | % Rec LCSD | Limit | RPD | RPD Limit | LCS Qual | LCSD Qual |
|---|---|---|---|---|---|---|---|
| Benzene | 85 | 84 | 69 - 129 | 1 | 25 | | |
| MTBE | 88 | 84 | 65 - 165 | 5 | 25 | | |
| Toluene | 90 | 88 | 70 - 130 | 3 | 25 | | |

| Surrogate | LCS % Rec | LCSD % Rec | Acceptance Limits |
|---|---|---|---|
| Toluene-d8 | 107 | 108 | 77 - 121 |
| 1,2-Dichloroethane-d4 | 102 | 101 | 73 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-2011**

**Method: 8260B**
**Preparation: 5030B**

Lab Sample ID: MB 720-2011/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/18/2005 1155
Date Prepared: 11/18/2005 1155

Analysis Batch: 720-2011
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\1'
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Methyl tert-butyl ether | ND | | 5.0 |
| Acetone | ND | | 50 |
| Benzene | ND | | 0.50 |
| Dichlorobromomethane | ND | | 0.50 |
| Bromobenzene | ND | | 1.0 |
| Chlorobromomethane | ND | | 1.0 |
| Bromoform | ND | | 1.0 |
| Bromomethane | ND | | 1.0 |
| Methyl Ethyl Ketone | ND | | 50 |
| n-Butylbenzene | ND | | 1.0 |
| sec-Butylbenzene | ND | | 1.0 |
| tert-Butylbenzene | ND | | 1.0 |
| Carbon disulfide | ND | | 5.0 |
| Carbon tetrachloride | ND | | 0.50 |
| Chlorobenzene | ND | | 0.50 |
| Chloroethane | ND | | 1.0 |
| Chloroform | ND | | 1.0 |
| Chloromethane | ND | | 1.0 |
| 2-Chlorotoluene | ND | | 0.50 |
| 4-Chlorotoluene | ND | | 0.50 |
| Chlorodibromomethane | ND | | 0.50 |
| 1,2-Dichlorobenzene | ND | | 0.50 |
| 1,3-Dichlorobenzene | ND | | 0.50 |
| 1,4-Dichlorobenzene | ND | | 0.50 |
| 1,3-Dichloropropane | ND | | 1.0 |
| 1,1-Dichloropropene | ND | | 0.50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 |
| Ethylene Dibromide | ND | | 0.50 |
| Dibromomethane | ND | | 0.50 |
| Dichlorodifluoromethane | ND | | 0.50 |
| 1,1-Dichloroethane | ND | | 0.50 |
| 1,2-Dichloroethane | ND | | 0.50 |
| 1,1-Dichloroethene | ND | | 0.50 |
| cis-1,2-Dichloroethene | ND | | 0.50 |
| trans-1,2-Dichloroethene | ND | | 0.50 |
| 1,2-Dichloropropane | ND | | 0.50 |
| cis-1,3-Dichloropropene | ND | | 0.50 |
| trans-1,3-Dichloropropene | ND | | 0.50 |
| Ethylbenzene | ND | | 0.50 |
| Hexachlorobutadiene | ND | | 1.0 |
| 2-Hexanone | ND | | 50 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-2011**

**Method: 8260B**
**Preparation: 5030B**

Lab Sample ID: MB 720-2011/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/18/2005 1155
Date Prepared: 11/18/2005 1155

Analysis Batch: 720-2011
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\1'
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Isopropylbenzene | ND | | 0.50 |
| 4-Isopropyltoluene | ND | | 1.0 |
| Methylene Chloride | ND | | 5.0 |
| methyl isobutyl ketone | ND | | 50 |
| Naphthalene | ND | | 1.0 |
| N-Propylbenzene | ND | | 1.0 |
| Styrene | ND | | 0.50 |
| 1,1,1,2-Tetrachloroethane | ND | | 0.50 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.50 |
| Tetrachloroethene | ND | | 0.50 |
| Toluene | ND | | 0.50 |
| 1,2,3-Trichlorobenzene | ND | | 1.0 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 |
| 1,1,1-Trichloroethane | ND | | 0.50 |
| 1,1,2-Trichloroethane | ND | | 0.50 |
| Trichloroethene | ND | | 0.50 |
| Trichlorofluoromethane | ND | | 1.0 |
| 1,2,3-Trichloropropane | ND | | 0.50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 0.50 |
| 1,2,4-Trimethylbenzene | ND | | 0.50 |
| 1,3,5-Trimethylbenzene | ND | | 0.50 |
| Vinyl acetate | ND | | 25 |
| Vinyl chloride | ND | | 0.50 |
| Xylenes, Total | ND | | 1.0 |
| 2,2-Dichloropropane | ND | | 0.50 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| 4-Bromofluorobenzene | 98 | 79 - 118 |
| 1,2-Dichloroethane-d4 | 111 | 78 - 117 |
| Toluene-d8 | 101 | 77 - 121 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Laboratory Control Sample - Batch: 720-2011**

**Method: 8260B**
**Preparation: 5030B**

Lab Sample ID: LCS 720-2011/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/18/2005 1121
Date Prepared: 11/18/2005 1121

Analysis Batch: 720-2011
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\1'
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Benzene | 20.0 | 19 | 97 | 69 - 129 | |
| Chlorobenzene | 20.0 | 20 | 102 | 61 - 121 | |
| 1,1-Dichloroethene | 20.0 | 18 | 88 | 65 - 125 | |
| Toluene | 20.0 | 20 | 101 | 70 - 130 | |
| Trichloroethene | 20.0 | 20 | 98 | 74 - 134 | |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| 4-Bromofluorobenzene | 100 | 79 - 118 |
| 1,2-Dichloroethane-d4 | 98 | 78 - 117 |
| Toluene-d8 | 103 | 77 - 121 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 720-2011**

**Method: 8260B**
**Preparation: 5030B**

MS Lab Sample ID: 720-524-A-6 MS
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 11/18/2005 1410
Date Prepared: 11/18/2005 1410

Analysis Batch: 720-2011
Prep Batch: N/A

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

MSD Lab Sample ID: 720-524-A-6 MSD
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 11/18/2005 1336
Date Prepared: 11/18/2005 1336

Analysis Batch: 720-2011
Prep Batch: N/A

Instrument ID: Varian 3900F
Lab File ID: c:\saturnws\data\200511\1
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| Benzene | 96 | 91 | 69 - 129 | 6 | 20 | | |
| Chlorobenzene | 105 | 102 | 61 - 121 | 2 | 20 | | |
| 1,1-Dichloroethene | 104 | 100 | 65 - 125 | 4 | 20 | | |
| Toluene | 95 | 95 | 70 - 130 | 1 | 20 | | |
| Trichloroethene | 101 | 98 | 74 - 134 | 4 | 20 | | |

| Surrogate | MS % Rec | MSD % Rec | Acceptance Limits |
|---|---|---|---|
| 4-Bromofluorobenzene | 102 | 98 | 79 - 118 |
| 1,2-Dichloroethane-d4 | 113 | 109 | 78 - 117 |
| Toluene-d8 | 99 | 99 | 77 - 121 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-1790**

**Method: 8015B**
**Preparation: 5030B**

Lab Sample ID: MB 720-1790/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2005 1242
Date Prepared: 11/14/2005 1242

Analysis Batch: 720-1790
Prep Batch: N/A
Units: mg/L

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 107 | 60 - 130 |

**Laboratory Control Sample - Batch: 720-1790**

**Method: 8015B**
**Preparation: 5030B**

Lab Sample ID: LCS 720-1790/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2005 1229
Date Prepared: 11/14/2005 1229

Analysis Batch: 720-1790
Prep Batch: N/A
Units: mg/L

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Methanol | 50.0 | 49 | 99 | 60 - 130 | |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 104 | 60 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 720-1790**

**Method: 8015B**
**Preparation: 5030B**

MS Lab Sample ID: 720-435-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2005 1259
Date Prepared: 11/14/2005 1259

Analysis Batch: 720-1790
Prep Batch: N/A

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

MSD Lab Sample ID: 720-435-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/14/2005 1311
Date Prepared: 11/14/2005 1311

Analysis Batch: 720-1790
Prep Batch: N/A

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| Methanol | 97 | 108 | 60 - 130 | 11 | 20 | | |

| Surrogate | MS % Rec | MSD % Rec | Acceptance Limits |
|---|---|---|---|
| n-butyl alcohol (Surr) | 98 | 104 | 60 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-1880**

**Method: 8015B**
**Preparation: 5030B**

Lab Sample ID: MB 720-1880/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/16/2005 1429
Date Prepared: 11/16/2005 1429

Analysis Batch: 720-1880
Prep Batch: N/A
Units: mg/L

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Methanol | ND | | 10 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 122 | 60 - 130 |

**Laboratory Control Sample - Batch: 720-1880**

**Method: 8015B**
**Preparation: 5030B**

Lab Sample ID: LCS 720-1880/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/16/2005 1417
Date Prepared: 11/16/2005 1417

Analysis Batch: 720-1880
Prep Batch: N/A
Units: mg/L

Instrument ID: Alcohol GC
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|
| Methanol | 50.0 | 47 | 93 | 60 - 130 | |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | 116 | 60 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Matrix Spike/**
**Matrix Spike Duplicate Recovery Report - Batch: 720-1880**

**Method: 8015B**
**Preparation: 5030B**

| | | | |
|---|---|---|---|
| MS Lab Sample ID: | 720-435-14 | Analysis Batch: 720-1880 | Instrument ID: Alcohol GC |
| Client Matrix: | Water | Prep Batch: N/A | Lab File ID: N/A |
| Dilution: | 1.0 | | Initial Weight/Volume: 10 mL |
| Date Analyzed: | 11/16/2005 1454 | | Final Weight/Volume: 10 mL |
| Date Prepared: | 11/16/2005 1454 | | Injection Volume: |
| | | | Column ID: PRIMARY |

| | | | |
|---|---|---|---|
| MSD Lab Sample ID: | 720-435-14 | Analysis Batch: 720-1880 | Instrument ID: Alcohol GC |
| Client Matrix: | Water | Prep Batch: N/A | Lab File ID: N/A |
| Dilution: | 1.0 | | Initial Weight/Volume: 10 mL |
| Date Analyzed: | 11/16/2005 1507 | | Final Weight/Volume: 10 mL |
| Date Prepared: | 11/16/2005 1507 | | Injection Volume: |
| | | | Column ID: PRIMARY |

| Analyte | % Rec. MS | % Rec. MSD | Limit | RPD | RPD Limit | MS Qual | MSD Qual |
|---|---|---|---|---|---|---|---|
| Methanol | 87 | 103 | 60 - 130 | 16 | 20 | | |

| Surrogate | MS % Rec | MSD % Rec | Acceptance Limits |
|---|---|---|---|
| n-butyl alcohol (Surr) | 111 | 127 | 60 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-1882**

**Method: 8015B**
**Preparation: 5030B**

Lab Sample ID: MB 720-1882/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/16/2005 1020
Date Prepared: 11/16/2005 1020

Analysis Batch: 720-1882
Prep Batch: N/A
Units: mg/L

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Methanol | Err | | 10 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | | |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-1931**

**Method: 8015B**
**Preparation: 5030B**

Lab Sample ID: MB 720-1931/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/15/2005 1041
Date Prepared: 11/15/2005 1041

Analysis Batch: 720-1931
Prep Batch: N/A
Units: mg/L

Instrument ID: PID/FID Gas/Btex
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Methanol | Err | | 10 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| n-butyl alcohol (Surr) | | |

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|---|---|---|---|---|---|

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-435-1

**Method Blank - Batch: 720-1848**

**Method: 8015B**
**Preparation: 3511**

Lab Sample ID: MB 720-1848/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2005 1421
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | Result | Qual | RL |
|---|---|---|---|
| Diesel Range Organics (C9-C24) | ND | | 50 |

| Surrogate | % Rec | Acceptance Limits |
|---|---|---|
| o-Terphenyl | 111 | 60 - 130 |

**Laboratory Control/**
**Laboratory Control Duplicate Recovery Report - Batch: 720-1848**

**Method: 8015B**
**Preparation: 3511**

LCS Lab Sample ID: LCS 720-1848/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2005 1510
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-1848/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/17/2005 1538
Date Prepared: 11/16/2005 1504

Analysis Batch: 720-2015
Prep Batch: 720-1848
Units: ug/L

Instrument ID: Varian DRO4
Lab File ID: N/A
Initial Weight/Volume: 35.00 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

| Analyte | % Rec LCS | % Rec LCSD | Limit | RPD | RPD Limit | LCS Qual | LCSD Qual |
|---|---|---|---|---|---|---|---|
| Diesel Range Organics (C9-C24) | 69 | 72 | 60 - 150 | 3 | 25 | | |

| Surrogate | LCS % Rec | LCSD % Rec | Acceptance Limits |
|---|---|---|---|
| o-Terphenyl | 99 | 105 | 60 - 130 |

Calculations are performed before rounding to avoid round-off errors in calculated results.

# ConocoPhillips Chain Of Custody Record

114401

STL-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: 720-4365

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA 92704

ConocoPhillips Work Order Number: 1333TRC501

ConocoPhillips Cost Object:

DATE: 11-09-05

PAGE: 1 of 2

| | |
|---|---|
| SAMPLING COMPANY: TRC | Valid Values ID: |
| CONOCOPHILLIPS SITE NUMBER: 4935 | GLOBAL ID NO.: T0609700612 |
| ADDRESS: 21 Technology Drive, Irvine CA 92618 | SITE ADDRESS (Street and City): 2200 Mendocino Ave Santa Rosa |
| | CONOCOPHILLIPS SITE MANAGER: Thomas Kosal |
| PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan | EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com |
| TELEPHONE: 949-341-7440 / FAX: 949-753-0111 / E-MAIL: afarfan@trcsolutions.com | PHONE NO.: 949-341-7408 / EMAIL: / LAB USE ONLY |
| SAMPLER NAME(S) (Print): Melissa Basi Anthony | CONSULTANT PROJECT NUMBER: 41050001/FA20 |

TURNAROUND TIME (CALENDAR DAYS): ☐ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

| LAB USE ONLY | Sample Identification/Field Point Name* | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | 8015m - TPHd Extractable | 8260B - TPHg/BTEX/MtBE | 8260B - TPHg / BTEX / 8 Oxygenates | 8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M) | 8260B - Full Scan VOCs (does not include oxygenates) | 8270C - Semi-Volatiles | 8015M / 8021B - TPHg/BTEX/MtBE | Lead ☐Total ☐STLC ☐TCLP | TPH-d by 8015M | TPH-g by 8260B | BTEX by 8260B | 5 OXYS + ethanol by 8260B | Methanol by 8015M | | | | | | | | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MW-6D | 11/09 | 0958 | GW | 9 | | | | | | | | | X | X | X | X | X | | | | | | | | 3 vocs w/HCL 6 unpreserved |
| 2 | MW-6S | | 1004 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | MW-7D | | 1115 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | MW-7S | | 1010 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | MW-8SR | | 1025 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | MW-8DR | | 1052 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | MW-9S | | 0858 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | MW-11D | | 0829 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | MW-5 | | 0942 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | MW-5D | | 0932 | | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by (Signature) | Received by (Signature) | Date | Time |
|---|---|---|---|
| | Refrigerator | 11-09-05 | 1400 |
| Relinquished by (Signature) | Received by (Signature) | 11-09-05 | 1615 |
| Relinquished by (Signature) | Received by (Signature) | Date | Time |



9/19/03 Revision

11401

# ConocoPhillips Chain Of Custody Record

STL-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: 720-435

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number: 1333TRC501

ConocoPhillips Cost Object:

DATE: 11-09-05

PAGE: 2 of 2

| | |
|---|---|
| SAMPLING COMPANY: TRC | Valid Value ID: |
| CONOCOPHILLIPS SITE NUMBER: 4935 | GLOBAL ID NO.: T0609700612 |
| ADDRESS: 21 Technology Drive, Irvine CA 92618 | SITE ADDRESS (Street and City): 2200 Mendocino Ave, Santa Rosa |
| CONOCOPHILLIPS SITE MANAGER: Thomas Kosel | PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan |
| EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com | PHONE NO.: 949-341-7408 |
| E-MAIL: | LAB USE ONLY |
| TELEPHONE: 949-341-7440 | FAX: 949-753-0111 |
| EMAIL: afarfan@trcsolutions.com | SAMPLER NAME(S) (Print): Melissa Bass, Anthony |
| CONSULTANT PROJECT NUMBER: 41050001/FA20 | TURNAROUND TIME (CALENDAR DAYS): ☐ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS |

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

mw-10S, mw-11S, mw-12S (exclude PCE)

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

| LAB USE ONLY | Sample Identification/Field Point Name* | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | 8015m - TPHd Extractable | 8260B - TPHg/BTEX/MBE | 8260B - TPHg / BTEX / 8 Oxygenates | 8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M) | 8260B - Full Scan VOCs (does not include oxygenates) | 8270C - Semi-Volatiles | 8015M / 8021B - TPHg/BTEX/MBE | Lead ☐Total ☐STLC ☐TCLP | TPH-d by 8015M | TPH-g by 8260B | BTEX by 8260B | 8 OXYS by 8260B | Methanol by 8015M | Full list VOCs by 8260B | 8 OXYS by 8260B | TPH-g by 8015M | | | | | FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes | TEMPERATURE ON RECEIPT C° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | MW-4 | 11/09 | 0834 | GW | 9 | | | | | | | | | X | X | X | X | X | | | | | | | | 3 vials HCL 6 vials unpreserved | |
| 12 | MW-3 | | 0755 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | MW-2 | | 1010 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | MW-1 | | 0835 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Stream-Down | | 1035 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Stream-UP | | 1052 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | MW-10S | | 0920 | | 15 | | | | | | | | | | | | | | X | X | X | | | | | 9 vials w/HCL 6 unpreserved | |
| 18 | MW-11S | | 0844 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | MW-12S | | 0935 | | | | | | | | | | | | | | | | | | | | | | | | |

| Relinquished by: (Signature) | Received by: (Signature) | Date | Time |
|---|---|---|---|
| [signature] | Refrigerator | 11-09-05 | 1400 |
| [signature] | [signature] | 11-09-05 | 1615 |
| Relinquished by: (Signature) | Received by: (Signature) | Date | Time |



STL/03 Revision

# LOGIN SAMPLE RECEIPT CHECK LIST

Client: TRC Solutions

Job Number: 720-435-1

**Login Number: 435**

| Question | T/F/NA | Comment |
|---|---|---|
| Radioactivity either was not measured or, if measured, is at or below background | NA | |
| The cooler's custody seal, if present. | NA | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | True | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present | True | |
| Samples do not require splitting or compositing | True | |

## STATEMENTS

### Purge Water Disposal

Non-hazardous groundwater produced during purging and sa mpling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by Con ocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R -149, which is on file at TRC's Conc ord Office. Purge water containing a significant amount of liquid -phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

### Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and e ngineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actua l conditions differ from those described in this report, our office should be notified.