*37IHSsf4012*

| | |
|---|---|
| DocumentID | NONCD0002831 |
| Site Name | TWIN LAKES SUBDIVISION |
| DocumentType | Site Assessment Rpt (SAR) |
| RptSegment | 3 |
| DocDate | 2/27/2008 |
| DocRcvd | 3/8/2008 |
| Box | SF4012 |
| AccessLevel | PUBLIC |
| Division | WASTE MANAGEMENT |
| Section | SUPERFUND |
| Program | IHS (IHS) |
| DocCat | FACILITY |

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Est. 1970

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave

Raleigh, NC 27617-7505

# Report Summary

Friday November 02, 2007

Report Number: L317258
Samples Received: 10/30/07
Client Project: 06.15416-C

Description: KB-Xylenes 20 Add 1

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Jenny Marlowe
Jennifer Marlowe, ESC Representative

*Laboratory Certification Numbers*

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
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25 Samples Reported: 11/02/07 14:14 Printed: 11/02/07 17:00

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-1 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:11

ESC Sample # : L317258-01

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.6 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.062 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.062 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 0.0072 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-1 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:11

ESC Sample # : L317258-01

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 0.045 | 0.0037 | mg/kg | 8260B | 10/30/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.3 | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 91.1 | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 87.8 | | % Rec. | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-2 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:18

ESC Sample # : L317258-02

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 86.2 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.058 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.058 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 0.0032 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-2 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:18

ESC Sample # : L317258-02

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0058 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 0.020 | 0.0035 | mg/kg | 8260B | 10/30/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.8 | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 95.9 | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 87.7 | | % Rec. | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-3 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:29

ESC Sample # : L317258-03

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.7 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.23 | 0.061 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.061 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 0.020 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-3 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:29

ESC Sample # : L317258-03

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0061 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 0.24 | 0.0037 | mg/kg | 8260B | 10/30/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.8 | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 97.8 | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 93.4 | | % Rec. | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-4 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:24

ESC Sample # : L317258-04

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.1 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.059 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.059 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 0.035 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-4 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:24

ESC Sample # : L317258-04

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 0.16 | 0.0036 | mg/kg | 8260B | 10/30/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.9 | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 91.8 | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 90.8 | | % Rec. | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-5 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:35

ESC Sample # : L317258-05

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 76.4 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 9.4 | 2.6 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Acrylonitrile | BDL | 0.53 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Benzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Bromobenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Bromodichloromethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Bromoform | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Bromomethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| n-Butylbenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| sec-Butylbenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| tert-Butylbenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Carbon tetrachloride | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Chlorobenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Chlorodibromomethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Chloroethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 2-Chloroethyl vinyl ether | BDL | 2.6 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Chloroform | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Chloromethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 2-Chlorotoluene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 4-Chlorotoluene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2-Dibromoethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Dibromomethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2-Dichlorobenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,3-Dichlorobenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,4-Dichlorobenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Dichlorodifluoromethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1-Dichloroethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2-Dichloroethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1-Dichloroethene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| cis-1,2-Dichloroethene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| trans-1,2-Dichloroethene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2-Dichloropropane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1-Dichloropropene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,3-Dichloropropane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| cis-1,3-Dichloropropene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| trans-1,3-Dichloropropene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 2,2-Dichloropropane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Di-isopropyl ether | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Ethylbenzene | 41. | 1.1 | mg/kg | 8260B | 10/31/07 | 810 |
| Hexachlorobutadiene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Isopropylbenzene | 0.30 | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-5 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:35

ESC Sample # : L317258-05

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 2-Butanone (MEK) | 1.7 | 0.53 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Methylene Chloride | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.53 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Methyl tert-butyl ether | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Naphthalene | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| n-Propylbenzene | 0.23 | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Styrene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Tetrachloroethene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Toluene | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2,3-Trichlorobenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2,4-Trichlorobenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1,1-Trichloroethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1,2-Trichloroethane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Trichloroethene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Trichlorofluoromethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2,3-Trichloropropane | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,2,4-Trimethylbenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| 1,3,5-Trimethylbenzene | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Vinyl chloride | BDL | 0.053 | mg/kg | 8260B | 10/30/07 | 40.5 |
| Xylenes, Total | 200 | 3.2 | mg/kg | 8260B | 10/31/07 | 810 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 10/30/07 | 40.5 |
| Dibromofluoromethane | 89.7 | | % Rec. | 8260B | 10/30/07 | 40.5 |
| 4-Bromofluorobenzene | 113. | | % Rec. | 8260B | 10/30/07 | 40.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-6 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:47

ESC Sample # : L317258-06

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.5 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.4 | mg/kg | 8260B | 10/30/07 | 40 |
| Acrylonitrile | BDL | 0.48 | mg/kg | 8260B | 10/30/07 | 40 |
| Benzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Bromobenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Bromodichloromethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Bromoform | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Bromomethane | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| n-Butylbenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| sec-Butylbenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| tert-Butylbenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Carbon tetrachloride | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Chlorobenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Chlorodibromomethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Chloroethane | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| 2-Chloroethyl vinyl ether | BDL | 2.4 | mg/kg | 8260B | 10/30/07 | 40 |
| Chloroform | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| Chloromethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 2-Chlorotoluene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 4-Chlorotoluene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2-Dibromoethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Dibromomethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2-Dichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,3-Dichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,4-Dichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Dichlorodifluoromethane | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1-Dichloroethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2-Dichloroethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1-Dichloroethene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| cis-1,2-Dichloroethene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| trans-1,2-Dichloroethene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2-Dichloropropane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1-Dichloropropene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,3-Dichloropropane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| cis-1,3-Dichloropropene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| trans-1,3-Dichloropropene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 2,2-Dichloropropane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Di-isopropyl ether | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Ethylbenzene | 2.2 | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Hexachlorobutadiene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Isopropylbenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-6 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:47

ESC Sample # : L317258-06

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 2-Butanone (MEK) | BDL | 0.48 | mg/kg | 8260B | 10/30/07 | 40 |
| Methylene Chloride | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.48 | mg/kg | 8260B | 10/30/07 | 40 |
| Methyl tert-butyl ether | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Naphthalene | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| n-Propylbenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Styrene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Tetrachloroethene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Toluene | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2,3-Trichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2,4-Trichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1,1-Trichloroethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1,2-Trichloroethane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Trichloroethene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Trichlorofluoromethane | BDL | 0.24 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2,3-Trichloropropane | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,2,4-Trimethylbenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| 1,3,5-Trimethylbenzene | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Vinyl chloride | BDL | 0.048 | mg/kg | 8260B | 10/30/07 | 40 |
| Xylenes, Total | 24. | 0.14 | mg/kg | 8260B | 10/30/07 | 40 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 101. | | % Rec. | 8260B | 10/30/07 | 40 |
| Dibromofluoromethane | 93.9 | | % Rec. | 8260B | 10/30/07 | 40 |
| 4-Bromofluorobenzene | 107. | | % Rec. | 8260B | 10/30/07 | 40 |

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-7 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:21

ESC Sample # : L317258-07

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 79.0 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 12. | 2.6 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Acrylonitrile | BDL | 0.52 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Benzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Bromobenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Bromodichloromethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Bromoform | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Bromomethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| n-Butylbenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| sec-Butylbenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| tert-Butylbenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Carbon tetrachloride | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Chlorobenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Chlorodibromomethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Chloroethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 2-Chloroethyl vinyl ether | BDL | 2.6 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Chloroform | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Chloromethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 2-Chlorotoluene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 4-Chlorotoluene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2-Dibromoethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Dibromomethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2-Dichlorobenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,3-Dichlorobenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,4-Dichlorobenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Dichlorodifluoromethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1-Dichloroethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2-Dichloroethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1-Dichloroethene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| cis-1,2-Dichloroethene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| trans-1,2-Dichloroethene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2-Dichloropropane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1-Dichloropropene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,3-Dichloropropane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| cis-1,3-Dichloropropene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| trans-1,3-Dichloropropene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 2,2-Dichloropropane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Di-isopropyl ether | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Ethylbenzene | 26. | 1.0 | mg/kg | 8260B | 10/31/07 | 830 |
| Hexachlorobutadiene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Isopropylbenzene | 0.19 | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 19-7 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:21

ESC Sample # : L317258-07

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 2-Butanone (MEK) | 2.7 | 0.52 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Methylene Chloride | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.52 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Methyl tert-butyl ether | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Naphthalene | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| n-Propylbenzene | 0.15 | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Styrene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Tetrachloroethene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Toluene | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2,3-Trichlorobenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2,4-Trichlorobenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1,1-Trichloroethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1,2-Trichloroethane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Trichloroethene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Trichlorofluoromethane | BDL | 0.26 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2,3-Trichloropropane | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,2,4-Trimethylbenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| 1,3,5-Trimethylbenzene | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Vinyl chloride | BDL | 0.052 | mg/kg | 8260B | 10/30/07 | 41.5 |
| Xylenes, Total | 120 | 3.2 | mg/kg | 8260B | 10/31/07 | 830 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 10/30/07 | 41.5 |
| Dibromofluoromethane | 95.5 | | % Rec. | 8260B | 10/30/07 | 41.5 |
| 4-Bromofluorobenzene | 114. | | % Rec. | 8260B | 10/30/07 | 41.5 |

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 20-1 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:04

ESC Sample # : L317258-08

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.8 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.18 | 0.062 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.062 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 0.018 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 20-1 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:04

ESC Sample # : L317258-08

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 0.12 | 0.0037 | mg/kg | 8260B | 10/30/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 97.8 | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 100. | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 91.4 | | % Rec. | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-09

Sample ID : AOC 20-2 6IN

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:10

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.1 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 2.2 | 2.3 | mg/kg | 8260B | 10/31/07 | 39 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.059 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 15. | 0.93 | mg/kg | 8260B | 10/31/07 | 780 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | 0.012 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 20-2 6IN

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:10

ESC Sample # : L317258-09

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | 0.0082 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | 0.0016 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 160 | 2.8 | mg/kg | 8260B | 10/31/07 | 780 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.1 | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 106. | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 119. | | % Rec. | 8260B | 10/30/07 | 1 |

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 20-3

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:14

ESC Sample # : L317258-10

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 76.1 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 13. | 5.0 | mg/kg | 8260B | 10/31/07 | 77 |
| Acrylonitrile | BDL | 0.013 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | 0.0018 | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.066 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.0020 | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-10

Sample ID : AOC 20-3

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:14

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | 0.0028 | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.013 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.013 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | 0.0059 | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0066 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | 0.0051 | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.028 | 0.0039 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 115. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 100. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 20-4

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:25

ESC Sample # : L317258-11

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.2 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 37. | 2.2 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Acrylonitrile | BDL | 0.44 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Benzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Bromobenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Bromodichloromethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Bromoform | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Bromomethane | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| n-Butylbenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| sec-Butylbenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| tert-Butylbenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Carbon tetrachloride | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Chlorobenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Chlorodibromomethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Chloroethane | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 2-Chloroethyl vinyl ether | BDL | 2.2 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Chloroform | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Chloromethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 2-Chlorotoluene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 4-Chlorotoluene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2-Dibromoethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Dibromomethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2-Dichlorobenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,3-Dichlorobenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,4-Dichlorobenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Dichlorodifluoromethane | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1-Dichloroethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2-Dichloroethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1-Dichloroethene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| cis-1,2-Dichloroethene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| trans-1,2-Dichloroethene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2-Dichloropropane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1-Dichloropropene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,3-Dichloropropane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| cis-1,3-Dichloropropene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| trans-1,3-Dichloropropene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 2,2-Dichloropropane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Di-isopropyl ether | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Ethylbenzene | 1.3 | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Hexachlorobutadiene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Isopropylbenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-11

Sample ID : AOC 20-4

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:25

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 2-Butanone (MEK) | 12. | 0.44 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Methylene Chloride | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.44 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Methyl tert-butyl ether | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Naphthalene | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| n-Propylbenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Styrene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Tetrachloroethene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Toluene | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2,3-Trichlorobenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2,4-Trichlorobenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1,1-Trichloroethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1,2-Trichloroethane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Trichloroethene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Trichlorofluoromethane | BDL | 0.22 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2,3-Trichloropropane | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,2,4-Trimethylbenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| 1,3,5-Trimethylbenzene | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Vinyl chloride | BDL | 0.044 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Xylenes, Total | 7.8 | 0.13 | mg/kg | 8260B | 10/30/07 | 35.5 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 10/30/07 | 35.5 |
| Dibromofluoromethane | 98.6 | | % Rec. | 8260B | 10/30/07 | 35.5 |
| 4-Bromofluorobenzene | 115. | | % Rec. | 8260B | 10/30/07 | 35.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 20-5

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:35

ESC Sample # : L317258-12

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.4 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.060 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.060 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 0.15 | 0.048 | mg/kg | 8260B | 11/01/07 | 40 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-12

Sample ID : AOC 20-5

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:35

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | 0.0014 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 1.6 | 0.14 | mg/kg | 8260B | 11/01/07 | 40 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 108. | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 95.0 | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 110. | | % Rec. | 8260B | 10/30/07 | 1 |

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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-13

Sample ID : AOC 20-6

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:47

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.5 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 3.5 | 0.062 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.062 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 0.0047 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-13

Sample ID : AOC 20-6

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:47

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 0.042 | 0.0037 | mg/kg | 8260B | 10/30/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 103. | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 96.2 | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 102. | | % Rec. | 8260B | 10/30/07 | 1 |

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-14

Sample ID : AOC 20-7

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:50

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 82.8 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 1.2 | 0.060 | mg/kg | 8260B | 10/30/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Ethylbenzene | 10. | 1.2 | mg/kg | 8260B | 11/01/07 | 980 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Isopropylbenzene | 0.0090 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-14

Sample ID : AOC 20-7

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:50

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/30/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| n-Propylbenzene | 0.0064 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| 1,3,5-Trimethylbenzene | 0.0018 | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/30/07 | 1 |
| Xylenes, Total | 160 | 3.6 | mg/kg | 8260B | 11/01/07 | 980 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 109. | | % Rec. | 8260B | 10/30/07 | 1 |
| Dibromofluoromethane | 94.8 | | % Rec. | 8260B | 10/30/07 | 1 |
| 4-Bromofluorobenzene | 96.3 | | % Rec. | 8260B | 10/30/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-15

Sample ID : AOC 21-1

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:04

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.1 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.016 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-15

Sample ID : AOC 21-1

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:04

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.52 | 0.0036 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 110. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 111. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-16

Sample ID : AOC 21-2

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:18

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 85.3 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 4.7 | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
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9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-16

Sample ID : AOC 21-2

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:18

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.0078 | 0.0035 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 108. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 114. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 100. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-17

Sample ID : AOC 21-3

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:32

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.7 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.060 | mg/kg | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Ethylbenzene | 0.030 | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-17

Sample ID : AOC 21-3

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:32

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Xylenes, Total | 0.16 | 0.0036 | mg/kg | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 104. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 95.2 | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 106. | | % Rec. | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-18

Sample ID : AOC 21-4

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:48

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.8 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.059 | mg/kg | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.059 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans 1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Ethylbenzene | 0.0082 | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 21-4

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 15:48

ESC Sample # : L317258-18

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Xylenes, Total | 0.047 | 0.0035 | mg/kg | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 104. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 97.7 | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 106. | | % Rec. | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-19

Sample ID : AOC 21-5

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:11

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.6 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.062 | mg/kg | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.062 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Ethylbenzene | 0.030 | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 21-5

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:11

ESC Sample # : L317258-19

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0062 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Xylenes, Total | 0.16 | 0.0037 | mg/kg | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 97.2 | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 104. | | % Rec. | 8260B | 10/31/07 | 1 |

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Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-20

Sample ID : AOC 21-6

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:30

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.3 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 5.0 | mg/kg | 8260B | 10/31/07 | 84 |
| Acrylonitrile | BDL | 1.0 | mg/kg | 8260B | 10/31/07 | 84 |
| Benzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Bromobenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Bromodichloromethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Bromoform | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Bromomethane | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| n-Butylbenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| sec-Butylbenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| tert-Butylbenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Carbon tetrachloride | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Chlorobenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Chlorodibromomethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Chloroethane | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| 2-Chloroethyl vinyl ether | BDL | 5.0 | mg/kg | 8260B | 10/31/07 | 84 |
| Chloroform | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| Chloromethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 2-Chlorotoluene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 4-Chlorotoluene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2-Dibromoethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Dibromomethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2-Dichlorobenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,3-Dichlorobenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,4-Dichlorobenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Dichlorodifluoromethane | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1-Dichloroethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2-Dichloroethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1-Dichloroethene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| cis-1,2-Dichloroethene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| trans-1,2-Dichloroethene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2-Dichloropropane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1-Dichloropropene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,3-Dichloropropane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| cis-1,3-Dichloropropene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| trans-1,3-Dichloropropene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 2,2-Dichloropropane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Di-isopropyl ether | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Ethylbenzene | 61. | 1.2 | mg/kg | 8260B | 11/02/07 | 1000 |
| Hexachlorobutadiene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Isopropylbenzene | 2.2 | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317258-20

Sample ID : AOC 21-6

Site ID :

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:30

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 2-Butanone (MEK) | BDL | 1.0 | mg/kg | 8260B | 10/31/07 | 84 |
| Methylene Chloride | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 1.0 | mg/kg | 8260B | 10/31/07 | 84 |
| Methyl tert-butyl ether | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Naphthalene | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| n-Propylbenzene | 1.8 | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Styrene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Tetrachloroethene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Toluene | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2,3-Trichlorobenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2,4-Trichlorobenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1,1-Trichloroethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1,2-Trichloroethane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Trichloroethene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Trichlorofluoromethane | BDL | 0.50 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2,3-Trichloropropane | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,2,4-Trimethylbenzene | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| 1,3,5-Trimethylbenzene | 0.22 | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Vinyl chloride | BDL | 0.10 | mg/kg | 8260B | 10/31/07 | 84 |
| Xylenes, Total | 330 | 3.6 | mg/kg | 8260B | 11/02/07 | 1000 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 112. | | % Rec. | 8260B | 10/31/07 | 84 |
| Dibromofluoromethane | 91.1 | | % Rec. | 8260B | 10/31/07 | 84 |
| 4-Bromofluorobenzene | 105. | | % Rec. | 8260B | 10/31/07 | 84 |

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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 21-7

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:32

ESC Sample # : L317258-21

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.7 | 0.100 | % | 2540G | 10/31/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.4 | mg/kg | 8260B | 10/31/07 | 40 |
| Acrylonitrile | BDL | 0.47 | mg/kg | 8260B | 10/31/07 | 40 |
| Benzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Bromobenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Bromodichloromethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Bromoform | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Bromomethane | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| n-Butylbenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| sec-Butylbenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| tert-Butylbenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Carbon tetrachloride | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Chlorobenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Chlorodibromomethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Chloroethane | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| 2-Chloroethyl vinyl ether | BDL | 2.4 | mg/kg | 8260B | 10/31/07 | 40 |
| Chloroform | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| Chloromethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 2-Chlorotoluene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 4-Chlorotoluene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2-Dibromoethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Dibromomethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2-Dichlorobenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,3-Dichlorobenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,4-Dichlorobenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Dichlorodifluoromethane | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1-Dichloroethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2-Dichloroethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1-Dichloroethene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| cis-1,2-Dichloroethene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| trans-1,2-Dichloroethene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2-Dichloropropane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1-Dichloropropene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,3-Dichloropropane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| cis-1,3-Dichloropropene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| trans-1,3-Dichloropropene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 2,2-Dichloropropane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Di-isopropyl ether | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Ethylbenzene | 180 | 5.9 | mg/kg | 8260B | 11/01/07 | 5000 |
| Hexachlorobutadiene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Isopropylbenzene | 1.2 | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 21-7

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:32

ESC Sample # : L317258-21

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 2-Butanone (MEK) | BDL | 0.47 | mg/kg | 8260B | 10/31/07 | 40 |
| Methylene Chloride | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.47 | mg/kg | 8260B | 10/31/07 | 40 |
| Methyl tert-butyl ether | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Naphthalene | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| n-Propylbenzene | 0.92 | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Styrene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Tetrachloroethene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Toluene | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2,3-Trichlorobenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2,4-Trichlorobenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1,1-Trichloroethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1,2-Trichloroethane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Trichloroethene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Trichlorofluoromethane | BDL | 0.24 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2,3-Trichloropropane | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,2,4-Trimethylbenzene | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| 1,3,5-Trimethylbenzene | 0.12 | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Vinyl chloride | BDL | 0.047 | mg/kg | 8260B | 10/31/07 | 40 |
| Xylenes, Total | 930 | 18. | mg/kg | 8260B | 11/01/07 | 5000 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 116. | | % Rec. | 8260B | 10/31/07 | 40 |
| Dibromofluoromethane | 87.0 | | % Rec. | 8260B | 10/31/07 | 40 |
| 4-Bromofluorobenzene | 109. | | % Rec. | 8260B | 10/31/07 | 40 |

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ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : EB-19 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:55

ESC Sample # : L317258-22

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 2.5 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : EB-19 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 13:55

ESC Sample # : L317258-22

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Xylenes, Total | BDL | 3.0 | ug/l | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 103. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 102. | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 96.9 | | % Rec. | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ryan Conchilla
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9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : EB-20 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:55

ESC Sample # : L317258-23

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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November 02,2007

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Description : KB-Xylenes 20 Add 1

Sample ID : EB-20 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 14:55

ESC Sample # : L317258-23

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Xylenes, Total | BDL | 3.0 | ug/l | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 103. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 106. | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 97.1 | | % Rec. | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : EB-21 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:20

ESC Sample # : L317258-24

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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November 02,2007

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Description : KB-Xylenes 20 Add 1

Sample ID : EB-21 1FT

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 16:20

ESC Sample # : L317258-24

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Xylenes, Total | 4.3 | 3.0 | ug/l | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 103. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 103. | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 93.1 | | % Rec. | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 11/02/07 14:14 Printed: 11/02/07 17:03

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : TRIPBLANK

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 00:00

ESC Sample # : L317258-25

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Ethylbenzene | 2.1 | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L317258-25 (V8260) - Confirmation run.

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 02,2007

Date Received : October 30, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : TRIPBLANK

Collected By : RB-RJC-CMB
Collection Date : 10/29/07 00:00

ESC Sample # : L317258-25

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Xylenes, Total | 13. | 3.0 | ug/l | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 103. | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 112. | | % Rec. | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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.
Reported: 11/02/07 14:14 Printed: 11/02/07 17:03
L317258-25 (V8260) - Confirmation run.

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| L317258-01 | 2-Chloroethyl vinyl ether | J3 |
| L317258-02 | 2-Chloroethyl vinyl ether | J3 |
| L317258-03 | 2-Chloroethyl vinyl ether | J3 |
| L317258-04 | 2-Chloroethyl vinyl ether | J3 |
| L317258-05 | 2-Chloroethyl vinyl ether | J3 |
| | Ethylbenzene | J4 |
| | Xylenes, Total | J4 |
| L317258-06 | 2-Chloroethyl vinyl ether | J3 |
| L317258-07 | 2-Chloroethyl vinyl ether | J3 |
| | Ethylbenzene | J4 |
| | Xylenes, Total | J4 |
| L317258-08 | 2-Chloroethyl vinyl ether | J3 |
| L317258-09 | Acetone | J |
| | 2-Chloroethyl vinyl ether | J3 |
| | Ethylbenzene | J4 |
| | Xylenes, Total | J4 |
| L317258-10 | 2-Chloroethyl vinyl ether | J3 |
| L317258-11 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| | 2-Butanone (MEK) | E |
| | Xylenes, Total | J3 |
| L317258-12 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| L317258-13 | Acetone | E |
| | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| | Xylenes, Total | J3 |
| L317258-14 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| L317258-15 | 2-Chloroethyl vinyl ether | J3 |
| L317258-16 | Acetone | E |
| | 2-Chloroethyl vinyl ether | J3 |
| L317258-17 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| | Xylenes, Total | J3 |
| L317258-18 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| | Xylenes, Total | J3 |
| L317258-19 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| | Xylenes, Total | J3 |
| L317258-20 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4 |
| | sec-Butylbenzene | J3 |
| | Chloromethane | J3 |
| L317258-21 | Chloromethane | J3 |
| L317258-22 | Acrolein | J4 |

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| | Bromomethane | J4 |
| L317258-23 | Acrolein | J4 |
| | Bromomethane | J4 |
| L317258-24 | Acrolein | J4 |
| | Bromomethane | J4 |
| L317258-25 | Acrolein | J4 |
| | cis-1,3-Dichloropropene | J4 |
| | 1,1,2,2-Tetrachloroethane | J4 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| E | GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range. |
| J | (EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration. |
| J3 | The associated batch QC was outside the established quality control range for precision. |
| J4 | The associated batch QC was outside the established quality control range for accuracy. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

| | Control Limits | | | | (AQ) | (SS) |
|---|---|---|---|---|---|---|
| 2-Fluorophenol | 31-119 | Nitrobenzene-d5 | 43-118 | Dibromfluoromethane | 68-128 | 64-125 |
| Phenol-d5 | 12-134 | 2-Fluorobiphenyl | 45-128 | Toluene-d8 | 76-115 | 69-118 |
| 2,4,6-Tribromophenol | 51-141 | Terphenyl-d14 | 43-137 | 4-Bromofluorobenzene | 79-127 | 61-134 |

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
11/02/07 at 17:03:42

TSR Signing Reports: 064
R3 - Rush: Two Day

Sample: L317258-01 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-02 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-03 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-04 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-05 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-06 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-07 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-08 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-09 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-10 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-11 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-12 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-13 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-14 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-15 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-16 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-17 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-18 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-19 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-20 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-21 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-22 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-23 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-24 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14
Sample: L317258-25 Account: ECSRTPNC Received: 10/30/07 09:00 Due Date: 11/01/07 00:00 RPT Date: 11/02/07 14:14

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Total Solids | < .1 | % | 10/31/07 09:59 | WG327967 |
| Total Solids | < .1 | % | 10/31/07 08:54 | WG327968 |
| Total Solids | < .1 | % | 10/31/07 09:00 | WG327969 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,1,1-Trichloroethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,1,2-Trichloroethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,1-Dichloroethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,1-Dichloroethene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,1-Dichloropropene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2,3-Trichlorobenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2,3-Trichloropropane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2,4-Trichlorobenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2,4-Trimethylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2-Dibromoethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2-Dichlorobenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2-Dichloroethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,2-Dichloropropane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,3,5-Trimethylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,3-Dichlorobenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,3-Dichloropropane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,4-Dichlorobenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 2,2-Dichloropropane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 2-Butanone (MEK) | < .01 | mg/l | 10/31/07 04:00 | WG328006 |
| 2-Chloroethyl vinyl ether | < .05 | mg/l | 10/31/07 04:00 | WG328006 |
| 2-Chlorotoluene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 4-Chlorotoluene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/l | 10/31/07 04:00 | WG328006 |
| Acetone | < .05 | mg/l | 10/31/07 04:00 | WG328006 |
| Acrolein | < .05 | mg/l | 10/31/07 04:00 | WG328006 |
| Acrylonitrile | < .01 | mg/l | 10/31/07 04:00 | WG328006 |
| Benzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Bromobenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Bromodichloromethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Bromoform | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Bromomethane | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| Carbon tetrachloride | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Chlorobenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Chlorodibromomethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Chloroethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Chloroform | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| Chloromethane | < .0025 | mg/l | 10/31/07 04:00 | WG328006 |
| cis-1,2-Dichloroethene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| cis-1,3-Dichloropropene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Di-isopropyl ether | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Dibromomethane | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Dichlorodifluoromethane | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| Ethylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Hexachlorobutadiene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Isopropylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Methyl tert-butyl ether | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Methylene Chloride | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| n-Butylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| n-Propylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Naphthalene | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| p-Isopropyltoluene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | |
|---|---|---|---|---|
| sec-Butylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Styrene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| tert-Butylbenzene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Tetrachloroethene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Toluene | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| trans-1,2-Dichloroethene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| trans-1,3-Dichloropropene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Trichloroethene | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Trichlorofluoromethane | < .005 | mg/l | 10/31/07 04:00 | WG328006 |
| Vinyl chloride | < .001 | mg/l | 10/31/07 04:00 | WG328006 |
| Xylenes, Total | < .003 | mg/l | 10/31/07 04:00 | WG328006 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1-Dichloroethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1-Dichloroethene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1-Dichloropropene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2-Dibromoethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2-Dichloroethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,2-Dichloropropane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,3-Dichloropropane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 2,2-Dichloropropane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 2-Butanone (MEK) | < .01 | mg/kg | 10/30/07 17:10 | WG328058 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 2-Chlorotoluene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 4-Chlorotoluene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 10/30/07 17:10 | WG328058 |
| Acetone | < .05 | mg/kg | 10/30/07 17:10 | WG328058 |
| Acrylonitrile | < .01 | mg/kg | 10/30/07 17:10 | WG328058 |
| Benzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Bromobenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Bromodichloromethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Bromoform | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Bromomethane | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| Carbon tetrachloride | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Chlorobenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Chlorodibromomethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Chloroethane | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| Chloroform | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| Chloromethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Di-isopropyl ether | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Dibromomethane | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Dichlorodifluoromethane | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| Ethylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Hexachlorobutadiene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Isopropylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |

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Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | |
|---|---|---|---|---|
| Methyl tert-butyl ether | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Methylene Chloride | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| n-Butylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| n-Propylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Naphthalene | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| p-Isopropyltoluene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| sec-Butylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Styrene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| tert-Butylbenzene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Tetrachloroethene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Toluene | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Trichloroethene | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Trichlorofluoromethane | < .005 | mg/kg | 10/30/07 17:10 | WG328058 |
| Vinyl chloride | < .001 | mg/kg | 10/30/07 17:10 | WG328058 |
| Xylenes, Total | < .003 | mg/kg | 10/30/07 17:10 | WG328058 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1-Dichloroethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1-Dichloroethene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1-Dichloropropene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2-Dibromoethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2-Dichloroethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,2-Dichloropropane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,3-Dichloropropane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 2,2-Dichloropropane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 2-Butanone (MEK) | < .01 | mg/kg | 10/30/07 18:01 | WG328082 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 2-Chlorotoluene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 4-Chlorotoluene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 10/30/07 18:01 | WG328082 |
| Acetone | < .05 | mg/kg | 10/30/07 18:01 | WG328082 |
| Acrylonitrile | < .01 | mg/kg | 10/30/07 18:01 | WG328082 |
| Benzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Bromobenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Bromodichloromethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Bromoform | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Bromomethane | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| Carbon tetrachloride | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Chlorobenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Chlorodibromomethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Chloroethane | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| Chloroform | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| Chloromethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |

ENVIRONMENTAL
SCIENCE CORP.

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | |
|---|---|---|---|---|
| Di-isopropyl ether | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Dibromomethane | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Dichlorodifluoromethane | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| Ethylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Hexachlorobutadiene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Isopropylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Methyl tert-butyl ether | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Methylene Chloride | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| n-Butylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| n-Propylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Naphthalene | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| p-Isopropyltoluene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| sec-Butylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Styrene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| tert-Butylbenzene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Tetrachloroethene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Toluene | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Trichloroethene | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Trichlorofluoromethane | < .005 | mg/kg | 10/30/07 18:01 | WG328082 |
| Vinyl chloride | < .001 | mg/kg | 10/30/07 18:01 | WG328082 |
| Xylenes, Total | < .003 | mg/kg | 10/30/07 18:01 | WG328082 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1-Dichloroethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1-Dichloroethene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1-Dichloropropene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2-Dibromoethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2-Dichloroethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,2-Dichloropropane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,3-Dichloropropane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 2,2-Dichloropropane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 2-Butanone (MEK) | < .01 | mg/kg | 10/31/07 08:24 | WG328092 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 2-Chlorotoluene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 4-Chlorotoluene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 10/31/07 08:24 | WG328092 |
| Acetone | < .05 | mg/kg | 10/31/07 08:24 | WG328092 |
| Acrylonitrile | < .01 | mg/kg | 10/31/07 08:24 | WG328092 |
| Benzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Bromobenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Bromodichloromethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Bromoform | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Bromomethane | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| Carbon tetrachloride | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Chlorobenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |

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Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | |
|---|---|---|---|---|
| Chlorodibromomethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Chloroethane | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| Chloroform | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| Chloromethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Di-isopropyl ether | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Dibromomethane | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Dichlorodifluoromethane | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| Hexachlorobutadiene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Isopropylbenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Methyl tert-butyl ether | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Methylene Chloride | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| n-Butylbenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| n-Propylbenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Naphthalene | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| p-Isopropyltoluene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| sec-Butylbenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Styrene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| tert-Butylbenzene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Tetrachloroethene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Toluene | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Trichloroethene | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| Trichlorofluoromethane | < .005 | mg/kg | 10/31/07 08:24 | WG328092 |
| Vinyl chloride | < .001 | mg/kg | 10/31/07 08:24 | WG328092 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,1,1-Trichloroethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,1,2-Trichloroethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,1-Dichloroethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,1-Dichloroethene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,1-Dichloropropene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2,3-Trichlorobenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2,3-Trichloropropane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2,4-Trichlorobenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2,4-Trimethylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2-Dibromoethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2-Dichlorobenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2-Dichloroethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,2-Dichloropropane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,3,5-Trimethylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,3-Dichlorobenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,3-Dichloropropane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 1,4-Dichlorobenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 2,2-Dichloropropane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 2-Butanone (MEK) | < .01 | mg/l | 10/31/07 09:56 | WG328143 |
| 2-Chloroethyl vinyl ether | < .05 | mg/l | 10/31/07 09:56 | WG328143 |
| 2-Chlorotoluene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 4-Chlorotoluene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/l | 10/31/07 09:56 | WG328143 |
| Acetone | < .05 | mg/l | 10/31/07 09:56 | WG328143 |
| Acrolein | < .05 | mg/l | 10/31/07 09:56 | WG328143 |
| Acrylonitrile | < .01 | mg/l | 10/31/07 09:56 | WG328143 |
| Benzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Bromobenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Bromodichloromethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |

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L317258

November 02, 2007

| | | | | |
|---|---|---|---|---|
| Bromoform | < .001 | mg/l | 10/31/07 09:56 | WG328143 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Bromomethane | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| Carbon tetrachloride | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Chlorobenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Chlorodibromomethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Chloroethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Chloroform | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| Chloromethane | < .0025 | mg/l | 10/31/07 09:56 | WG328143 |
| cis-1,2-Dichloroethene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| cis-1,3-Dichloropropene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Di-isopropyl ether | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Dibromomethane | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Dichlorodifluoromethane | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| Ethylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Hexachlorobutadiene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Isopropylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Methyl tert-butyl ether | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Methylene Chloride | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| n-Butylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| n-Propylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Naphthalene | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| p-Isopropyltoluene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| sec-Butylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Styrene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| tert-Butylbenzene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Tetrachloroethene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Toluene | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| trans-1,2-Dichloroethene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| trans-1,3-Dichloropropene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Trichloroethene | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Trichlorofluoromethane | < .005 | mg/l | 10/31/07 09:56 | WG328143 |
| Vinyl chloride | < .001 | mg/l | 10/31/07 09:56 | WG328143 |
| Xylenes, Total | < .003 | mg/l | 10/31/07 09:56 | WG328143 |
| Acetone | < .05 | mg/kg | 10/31/07 12:19 | WG328157 |
| Ethylbenzene | < .001 | mg/kg | 10/31/07 12:19 | WG328157 |
| Xylenes, Total | < .003 | mg/kg | 10/31/07 12:19 | WG328157 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,1-Dichloroethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,1-Dichloroethene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,2-Dibromoethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,2-Dichloroethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,2-Dichloropropane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/01/07 07:58 | WG328297 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 11/01/07 07:58 | WG328297 |
| Acetone | < .05 | mg/kg | 11/01/07 07:58 | WG328297 |
| Benzene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Bromobenzene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Bromodichloromethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Bromoform | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Bromomethane | < .005 | mg/kg | 11/01/07 07:58 | WG328297 |
| Carbon tetrachloride | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |

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November 02, 2007

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|---|---|---|---|---|
| Chlorobenzene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Chlorodibromomethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Chloroethane | < .005 | mg/kg | 11/01/07 07:58 | WG328297 |
| Chloroform | < .005 | mg/kg | 11/01/07 07:58 | WG328297 |
| Chloromethane | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Di-isopropyl ether | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Ethylbenzene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Methyl tert-butyl ether | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Methylene Chloride | < .005 | mg/kg | 11/01/07 07:58 | WG328297 |
| Naphthalene | < .005 | mg/kg | 11/01/07 07:58 | WG328297 |
| Styrene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Tetrachloroethene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Toluene | < .005 | mg/kg | 11/01/07 07:58 | WG328297 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Trichloroethene | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Vinyl chloride | < .001 | mg/kg | 11/01/07 07:58 | WG328297 |
| Ethylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Xylenes, Total | < .003 | mg/kg | 11/02/07 05:49 | WG328472 |

Duplicate

| Analyte | Units | Result | Duplicate | RPD | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|
| Total Solids | % | 84.6 | 80.6 | 4.85 | 20 | L317258-01 | WG327967 |
| Total Solids | % | 85.9 | 84.8 | 1.34 | 20 | L317258-18 | WG327968 |
| Total Solids | % | 85.2 | 84.7 | 0.638 | 20 | L317258-21 | WG327969 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG327967 |
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG327968 |
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG327969 |
| 1,1,1,2-Tetrachloroethane | mg/l | .05 | 0.0509 | 102. | 61-134 | WG328006 |
| 1,1,1-Trichloroethane | mg/l | .05 | 0.0450 | 89.9 | 62-133 | WG328006 |
| 1,1,2,2-Tetrachloroethane | mg/l | .05 | 0.0527 | 105. | 66-124 | WG328006 |
| 1,1,2-Trichloroethane | mg/l | .05 | 0.0499 | 99.8 | 62-124 | WG328006 |
| 1,1-Dichloroethane | mg/l | .05 | 0.0461 | 92.2 | 59-135 | WG328006 |
| 1,1-Dichloroethene | mg/l | .05 | 0.0549 | 110. | 68-136 | WG328006 |
| 1,1-Dichloropropene | mg/l | .05 | 0.0448 | 89.7 | 63-125 | WG328006 |
| 1,2,3-Trichlorobenzene | mg/l | .05 | 0.0474 | 94.7 | 57-152 | WG328006 |
| 1,2,3-Trichloropropane | mg/l | .05 | 0.0526 | 105. | 62-138 | WG328006 |
| 1,2,4-Trichlorobenzene | mg/l | .05 | 0.0445 | 89.0 | 49-153 | WG328006 |
| 1,2,4-Trimethylbenzene | mg/l | .05 | 0.0466 | 93.2 | 61-128 | WG328006 |
| 1,2-Dibromo-3-Chloropropane | mg/l | .05 | 0.0540 | 108. | 50-139 | WG328006 |
| 1,2-Dibromoethane | mg/l | .05 | 0.0496 | 99.2 | 70-122 | WG328006 |
| 1,2-Dichlorobenzene | mg/l | .05 | 0.0478 | 95.7 | 54-135 | WG328006 |
| 1,2-Dichloroethane | mg/l | .05 | 0.0480 | 96.1 | 61-131 | WG328006 |
| 1,2-Dichloropropane | mg/l | .05 | 0.0487 | 97.3 | 64-126 | WG328006 |
| 1,3,5-Trimethylbenzene | mg/l | .05 | 0.0474 | 94.9 | 65-126 | WG328006 |
| 1,3-Dichlorobenzene | mg/l | .05 | 0.0472 | 94.4 | 45-143 | WG328006 |
| 1,3-Dichloropropane | mg/l | .05 | 0.0492 | 98.5 | 74-118 | WG328006 |

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| | | | | | | |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | mg/l | .05 | 0.0472 | 94.3 | 48-138 | WG328006 |

| Analyte | Units | Laboratory Control Sample Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | mg/l | .05 | 0.0345 | 69.1 | 52-140 | WG328006 |
| 2-Butanone (MEK) | mg/l | .25 | 0.242 | 96.7 | 50-132 | WG328006 |
| 2-Chloroethyl vinyl ether | mg/l | .25 | 0.282 | 113. | 36-136 | WG328006 |
| 2-Chlorotoluene | mg/l | .05 | 0.0461 | 92.2 | 61-134 | WG328006 |
| 4-Chlorotoluene | mg/l | .05 | 0.0450 | 89.9 | 67-129 | WG328006 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | .25 | 0.285 | 114. | 47-143 | WG328006 |
| Acetone | mg/l | .25 | 0.283 | 113. | 36-163 | WG328006 |
| Acrolein | mg/l | .25 | 0.356 | 143. | 27-122 | WG328006 |
| Acrylonitrile | mg/l | .25 | 0.240 | 96.0 | 44-130 | WG328006 |
| Benzene | mg/l | .05 | 0.0479 | 95.9 | 63-121 | WG328006 |
| Bromobenzene | mg/l | .05 | 0.0464 | 92.8 | 70-130 | WG328006 |
| Bromodichloromethane | mg/l | .05 | 0.0497 | 99.3 | 64-127 | WG328006 |
| Bromoform | mg/l | .05 | 0.0464 | 92.8 | 60-139 | WG328006 |
| Bromomethane | mg/l | .05 | 0.0815 | 163. | 30-125 | WG328006 |
| Carbon tetrachloride | mg/l | .05 | 0.0460 | 92.0 | 70-140 | WG328006 |
| Chlorobenzene | mg/l | .05 | 0.0491 | 98.3 | 70-126 | WG328006 |
| Chlorodibromomethane | mg/l | .05 | 0.0528 | 106. | 62-132 | WG328006 |
| Chloroethane | mg/l | .05 | 0.0512 | 102. | 43-146 | WG328006 |
| Chloroform | mg/l | .05 | 0.0467 | 93.5 | 65-121 | WG328006 |
| Chloromethane | mg/l | .05 | 0.0394 | 78.7 | 45-131 | WG328006 |
| cis-1,2-Dichloroethene | mg/l | .05 | 0.0471 | 94.1 | 68-123 | WG328006 |
| cis-1,3-Dichloropropene | mg/l | .05 | 0.0484 | 96.8 | 66-121 | WG328006 |
| Di-isopropyl ether | mg/l | .05 | 0.0499 | 99.8 | 58-127 | WG328006 |
| Dibromomethane | mg/l | .05 | 0.0490 | 98.0 | 69-119 | WG328006 |
| Dichlorodifluoromethane | mg/l | .05 | 0.0440 | 88.0 | 24-155 | WG328006 |
| Ethylbenzene | mg/l | .05 | 0.0491 | 98.2 | 70-121 | WG328006 |
| Hexachlorobutadiene | mg/l | .05 | 0.0427 | 85.4 | 60-119 | WG328006 |
| Isopropylbenzene | mg/l | .05 | 0.0486 | 97.3 | 68-128 | WG328006 |
| Methyl tert-butyl ether | mg/l | .05 | 0.0406 | 81.1 | 51-137 | WG328006 |
| Methylene Chloride | mg/l | .05 | 0.0560 | 112. | 53-131 | WG328006 |
| n-Butylbenzene | mg/l | .05 | 0.0476 | 95.3 | 59-134 | WG328006 |
| n-Propylbenzene | mg/l | .05 | 0.0486 | 97.1 | 68-123 | WG328006 |
| Naphthalene | mg/l | .05 | 0.0508 | 102. | 54-150 | WG328006 |
| p-Isopropyltoluene | mg/l | .05 | 0.0479 | 95.8 | 64-132 | WG328006 |
| sec-Butylbenzene | mg/l | .05 | 0.0488 | 97.7 | 67-124 | WG328006 |
| Styrene | mg/l | .05 | 0.0493 | 98.6 | 68-123 | WG328006 |
| tert-Butylbenzene | mg/l | .05 | 0.0482 | 96.5 | 65-128 | WG328006 |
| Tetrachloroethene | mg/l | .05 | 0.0456 | 91.2 | 64-134 | WG328006 |
| Toluene | mg/l | .05 | 0.0462 | 92.5 | 65-120 | WG328006 |
| trans-1,2-Dichloroethene | mg/l | .05 | 0.0468 | 93.6 | 59-138 | WG328006 |
| trans-1,3-Dichloropropene | mg/l | .05 | 0.0492 | 98.4 | 55-113 | WG328006 |
| Trichloroethene | mg/l | .05 | 0.0466 | 93.3 | 74-120 | WG328006 |
| Trichlorofluoromethane | mg/l | .05 | 0.0604 | 121. | 49-121 | WG328006 |
| Vinyl chloride | mg/l | .05 | 0.0467 | 93.4 | 46-133 | WG328006 |
| Xylenes, Total | mg/l | .15 | 0.145 | 96.6 | 68-124 | WG328006 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0468 | 93.7 | 66-134 | WG328058 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0501 | 100. | 56-142 | WG328058 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0543 | 109. | 68-122 | WG328058 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0552 | 111. | 69-118 | WG328058 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0584 | 117. | 62-146 | WG328058 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0528 | 106. | 55-133 | WG328058 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0600 | 120. | 65-129 | WG328058 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0543 | 109. | 63-130 | WG328058 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0536 | 107. | 60-149 | WG328058 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0479 | 95.9 | 65-137 | WG328058 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0554 | 111. | 59-160 | WG328058 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0486 | 97.2 | 59-138 | WG328058 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0549 | 110. | 51-142 | WG328058 |

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|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | mg/kg | .05 | 0.0532 | 106. | 64-129 | WG328058 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0529 | 106. | 70-126 | WG328058 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0449 | 89.8 | 55-139 | WG328058 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0541 | 108. | 64-124 | WG328058 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0482 | 96.3 | 66-132 | WG328058 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0487 | 97.5 | 64-139 | WG328058 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0503 | 101. | 71-122 | WG328058 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0489 | 97.7 | 66-129 | WG328058 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0447 | 89.4 | 51-149 | WG328058 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.259 | 103. | 47-134 | WG328058 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.250 | 100. | 44-142 | WG328058 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0483 | 96.6 | 64-137 | WG328058 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0484 | 96.8 | 69-133 | WG328058 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.285 | 114. | 55-132 | WG328058 |
| Acetone | mg/kg | .25 | 0.287 | 115. | 49-158 | WG328058 |
| Acrylonitrile | mg/kg | .25 | 0.299 | 120. | 44-126 | WG328058 |
| Benzene | mg/kg | .05 | 0.0541 | 108. | 65-123 | WG328058 |
| Bromobenzene | mg/kg | .05 | 0.0481 | 96.1 | 66-137 | WG328058 |
| Bromodichloromethane | mg/kg | .05 | 0.0481 | 96.2 | 67-126 | WG328058 |
| Bromoform | mg/kg | .05 | 0.0507 | 101. | 56-144 | WG328058 |
| Bromomethane | mg/kg | .05 | 0.0564 | 113. | 37-117 | WG328058 |
| Carbon tetrachloride | mg/kg | .05 | 0.0484 | 96.8 | 61-146 | WG328058 |
| Chlorobenzene | mg/kg | .05 | 0.0519 | 104. | 68-130 | WG328058 |
| Chlorodibromomethane | mg/kg | .05 | 0.0501 | 100. | 64-131 | WG328058 |
| Chloroethane | mg/kg | .05 | 0.0566 | 113. | 49-148 | WG328058 |
| Chloroform | mg/kg | .05 | 0.0490 | 98.0 | 63-125 | WG328058 |
| Chloromethane | mg/kg | .05 | 0.0565 | 113. | 41-147 | WG328058 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0551 | 110. | 68-121 | WG328058 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0517 | 103. | 69-120 | WG328058 |
| Di-isopropyl ether | mg/kg | .05 | 0.0538 | 108. | 58-124 | WG328058 |
| Dibromomethane | mg/kg | .05 | 0.0478 | 95.6 | 68-122 | WG328058 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0539 | 108. | 45-139 | WG328058 |
| Ethylbenzene | mg/kg | .05 | 0.0499 | 99.7 | 69-124 | WG328058 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0524 | 105. | 59-129 | WG328058 |
| Isopropylbenzene | mg/kg | .05 | 0.0524 | 105. | 69-133 | WG328058 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0496 | 99.3 | 56-132 | WG328058 |
| Methylene Chloride | mg/kg | .05 | 0.0570 | 114. | 55-125 | WG328058 |
| n-Butylbenzene | mg/kg | .05 | 0.0547 | 109. | 61-136 | WG328058 |
| n-Propylbenzene | mg/kg | .05 | 0.0484 | 96.8 | 68-129 | WG328058 |
| Naphthalene | mg/kg | .05 | 0.0529 | 106. | 63-146 | WG328058 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0510 | 102. | 64-141 | WG328058 |
| sec-Butylbenzene | mg/kg | .05 | 0.0515 | 103. | 66-133 | WG328058 |
| Styrene | mg/kg | .05 | 0.0533 | 107. | 68-126 | WG328058 |
| tert-Butylbenzene | mg/kg | .05 | 0.0505 | 101. | 64-136 | WG328058 |
| Tetrachloroethene | mg/kg | .05 | 0.0514 | 103. | 62-143 | WG328058 |
| Toluene | mg/kg | .05 | 0.0492 | 98.5 | 69-120 | WG328058 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0551 | 110. | 68-130 | WG328058 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0487 | 97.3 | 51-115 | WG328058 |
| Trichloroethene | mg/kg | .05 | 0.0504 | 101. | 70-124 | WG328058 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0435 | 87.1 | 46-131 | WG328058 |
| Vinyl chloride | mg/kg | .05 | 0.0565 | 113. | 49-133 | WG328058 |
| Xylenes, Total | mg/kg | .15 | 0.148 | 99.0 | 69-126 | WG328058 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0491 | 98.1 | 66-134 | WG328082 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0351 | 70.1 | 56-142 | WG328082 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0465 | 93.1 | 68-122 | WG328082 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0469 | 93.8 | 69-118 | WG328082 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0373 | 74.5 | 62-146 | WG328082 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0376 | 75.1 | 55-133 | WG328082 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0394 | 78.8 | 65-129 | WG328082 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | Known Val | Sample Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 1,1-Dichloropropene | mg/kg | .05 | 0.0370 | 74.1 | 63-130 | WG328082 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0482 | 96.4 | 60-149 | WG328082 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0465 | 92.9 | 65-137 | WG328082 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0486 | 97.2 | 59-160 | WG328082 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0453 | 90.6 | 59-138 | WG328082 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0420 | 84.1 | 51-142 | WG328082 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0480 | 96.0 | 64-129 | WG328082 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0444 | 88.8 | 70-126 | WG328082 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0347 | 69.5 | 55-139 | WG328082 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0425 | 85.0 | 64-124 | WG328082 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0446 | 89.2 | 66-132 | WG328082 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0483 | 96.7 | 64-139 | WG328082 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0434 | 86.8 | 71-122 | WG328082 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0438 | 87.5 | 66-129 | WG328082 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0376 | 75.3 | 51-149 | WG328082 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.188 | 75.3 | 47-134 | WG328082 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.163 | 65.2 | 44-142 | WG328082 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0423 | 84.6 | 64-137 | WG328082 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0439 | 87.9 | 69-133 | WG328082 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.214 | 85.8 | 55-132 | WG328082 |
| Acetone | mg/kg | .25 | 0.176 | 70.5 | 49-158 | WG328082 |
| Acrylonitrile | mg/kg | .25 | 0.189 | 75.7 | 44-126 | WG328082 |
| Benzene | mg/kg | .05 | 0.0387 | 77.4 | 65-123 | WG328082 |
| Bromobenzene | mg/kg | .05 | 0.0434 | 86.8 | 66-137 | WG328082 |
| Bromodichloromethane | mg/kg | .05 | 0.0414 | 82.7 | 67-126 | WG328082 |
| Bromoform | mg/kg | .05 | 0.0472 | 94.4 | 56-144 | WG328082 |
| Bromomethane | mg/kg | .05 | 0.0593 | 119. | 37-117 | WG328082 |
| Carbon tetrachloride | mg/kg | .05 | 0.0386 | 77.2 | 61-146 | WG328082 |
| Chlorobenzene | mg/kg | .05 | 0.0467 | 93.4 | 68-130 | WG328082 |
| Chlorodibromomethane | mg/kg | .05 | 0.0498 | 99.6 | 64-131 | WG328082 |
| Chloroethane | mg/kg | .05 | 0.0491 | 98.3 | 49-148 | WG328082 |
| Chloroform | mg/kg | .05 | 0.0368 | 73.6 | 63-125 | WG328082 |
| Chloromethane | mg/kg | .05 | 0.0349 | 69.9 | 41-147 | WG328082 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0409 | 81.7 | 68-121 | WG328082 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0483 | 96.6 | 69-120 | WG328082 |
| Di-isopropyl ether | mg/kg | .05 | 0.0376 | 75.2 | 58-124 | WG328082 |
| Dibromomethane | mg/kg | .05 | 0.0435 | 87.0 | 68-122 | WG328082 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0404 | 80.9 | 45-139 | WG328082 |
| Ethylbenzene | mg/kg | .05 | 0.0450 | 90.1 | 69-124 | WG328082 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0434 | 86.9 | 59-129 | WG328082 |
| Isopropylbenzene | mg/kg | .05 | 0.0445 | 89.0 | 69-133 | WG328082 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0399 | 79.9 | 56-132 | WG328082 |
| Methylene Chloride | mg/kg | .05 | 0.0379 | 75.8 | 55-125 | WG328082 |
| n-Butylbenzene | mg/kg | .05 | 0.0401 | 80.2 | 61-136 | WG328082 |
| n-Propylbenzene | mg/kg | .05 | 0.0435 | 87.0 | 68-129 | WG328082 |
| Naphthalene | mg/kg | .05 | 0.0478 | 95.6 | 63-146 | WG328082 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0464 | 92.8 | 64-141 | WG328082 |
| sec-Butylbenzene | mg/kg | .05 | 0.0447 | 89.4 | 66-133 | WG328082 |
| Styrene | mg/kg | .05 | 0.0489 | 97.8 | 68-126 | WG328082 |
| tert-Butylbenzene | mg/kg | .05 | 0.0455 | 91.0 | 64-136 | WG328082 |
| Tetrachloroethene | mg/kg | .05 | 0.0446 | 89.2 | 62-143 | WG328082 |
| Toluene | mg/kg | .05 | 0.0402 | 80.5 | 69-120 | WG328082 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0405 | 80.9 | 68-130 | WG328082 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0495 | 99.0 | 51-115 | WG328082 |
| Trichloroethene | mg/kg | .05 | 0.0435 | 87.1 | 70-124 | WG328082 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0433 | 86.5 | 46-131 | WG328082 |
| Vinyl chloride | mg/kg | .05 | 0.0432 | 86.4 | 49-133 | WG328082 |
| Xylenes, Total | mg/kg | .15 | 0.136 | 91.0 | 69-126 | WG328082 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0575 | 115. | 66-134 | WG328092 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0379 | 75.8 | 56-142 | WG328092 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0570 | 114. | 68-122 | WG328092 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0537 | 107. | 69-118 | WG328092 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0386 | 77.3 | 62-146 | WG328092 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0398 | 79.7 | 55-133 | WG328092 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0408 | 81.7 | 65-129 | WG328092 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0393 | 78.7 | 63-130 | WG328092 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0587 | 117. | 60-149 | WG328092 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0575 | 115. | 65-137 | WG328092 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0554 | 111. | 59-160 | WG328092 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0518 | 104. | 59-138 | WG328092 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0523 | 105. | 51-142 | WG328092 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0542 | 108. | 64-129 | WG328092 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0522 | 104. | 70-126 | WG328092 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0368 | 73.6 | 55-139 | WG328092 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0455 | 91.1 | 64-124 | WG328092 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0506 | 101. | 66-132 | WG328092 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0552 | 110. | 64-139 | WG328092 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0486 | 97.1 | 71-122 | WG328092 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0485 | 97.0 | 66-129 | WG328092 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0385 | 77.0 | 51-149 | WG328092 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.208 | 83.1 | 47-134 | WG328092 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.169 | 67.4 | 44-142 | WG328092 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0476 | 95.1 | 64-137 | WG328092 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0494 | 98.8 | 69-133 | WG328092 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.248 | 99.3 | 55-132 | WG328092 |
| Acetone | mg/kg | .25 | 0.175 | 69.9 | 49-158 | WG328092 |
| Acrylonitrile | mg/kg | .25 | 0.203 | 81.1 | 44-126 | WG328092 |
| Benzene | mg/kg | .05 | 0.0420 | 83.9 | 65-123 | WG328092 |
| Bromobenzene | mg/kg | .05 | 0.0504 | 101. | 66-137 | WG328092 |
| Bromodichloromethane | mg/kg | .05 | 0.0454 | 90.7 | 67-126 | WG328092 |
| Bromoform | mg/kg | .05 | 0.0570 | 114. | 56-144 | WG328092 |
| Bromomethane | mg/kg | .05 | 0.0517 | 103. | 37-117 | WG328092 |
| Carbon tetrachloride | mg/kg | .05 | 0.0414 | 82.9 | 61-146 | WG328092 |
| Chlorobenzene | mg/kg | .05 | 0.0524 | 105. | 68-130 | WG328092 |
| Chlorodibromomethane | mg/kg | .05 | 0.0581 | 116. | 64-131 | WG328092 |
| Chloroethane | mg/kg | .05 | 0.0465 | 93.0 | 49-148 | WG328092 |
| Chloroform | mg/kg | .05 | 0.0399 | 79.9 | 63-125 | WG328092 |
| Chloromethane | mg/kg | .05 | 0.0369 | 73.8 | 41-147 | WG328092 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0440 | 88.1 | 68-121 | WG328092 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0506 | 101. | 69-120 | WG328092 |
| Di-isopropyl ether | mg/kg | .05 | 0.0408 | 81.6 | 58-124 | WG328092 |
| Dibromomethane | mg/kg | .05 | 0.0468 | 93.7 | 68-122 | WG328092 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0385 | 77.0 | 45-139 | WG328092 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0517 | 103. | 59-129 | WG328092 |
| Isopropylbenzene | mg/kg | .05 | 0.0501 | 100. | 69-133 | WG328092 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0444 | 88.9 | 56-132 | WG328092 |
| Methylene Chloride | mg/kg | .05 | 0.0408 | 81.6 | 55-125 | WG328092 |
| n-Butylbenzene | mg/kg | .05 | 0.0431 | 86.1 | 61-136 | WG328092 |
| n-Propylbenzene | mg/kg | .05 | 0.0479 | 95.8 | 68-129 | WG328092 |
| Naphthalene | mg/kg | .05 | 0.0609 | 122. | 63-146 | WG328092 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0530 | 106. | 64-141 | WG328092 |
| sec-Butylbenzene | mg/kg | .05 | 0.0515 | 103. | 66-133 | WG328092 |
| Styrene | mg/kg | .05 | 0.0551 | 110. | 68-126 | WG328092 |
| tert-Butylbenzene | mg/kg | .05 | 0.0532 | 106. | 64-136 | WG328092 |
| Tetrachloroethene | mg/kg | .05 | 0.0492 | 98.3 | 62-143 | WG328092 |
| Toluene | mg/kg | .05 | 0.0433 | 86.5 | 69-120 | WG328092 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0423 | 84.6 | 68-130 | WG328092 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0521 | 104. | 51-115 | WG328092 |
| Trichloroethene | mg/kg | .05 | 0.0483 | 96.6 | 70-124 | WG328092 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | |
|---|---|---|---|---|---|---|
| Trichlorofluoromethane | mg/kg | .05 | 0.0409 | 81.8 | 46-131 | WG328092 |

| Analyte | Units | Laboratory Control Sample Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Vinyl chloride | mg/kg | .05 | 0.0413 | 82.5 | 49-133 | WG328092 |
| 1,1,1,2-Tetrachloroethane | mg/l | .05 | 0.0636 | 127. | 61-134 | WG328143 |
| 1,1,1-Trichloroethane | mg/l | .05 | 0.0484 | 96.9 | 62-133 | WG328143 |
| 1,1,2,2-Tetrachloroethane | mg/l | .05 | 0.0639 | 128. | 66-124 | WG328143 |
| 1,1,2-Trichloroethane | mg/l | .05 | 0.0564 | 113. | 62-124 | WG328143 |
| 1,1-Dichloroethane | mg/l | .05 | 0.0504 | 101. | 59-135 | WG328143 |
| 1,1-Dichloroethene | mg/l | .05 | 0.0459 | 91.8 | 68-136 | WG328143 |
| 1,1-Dichloropropene | mg/l | .05 | 0.0532 | 106. | 63-125 | WG328143 |
| 1,2,3-Trichlorobenzene | mg/l | .05 | 0.0624 | 125. | 57-152 | WG328143 |
| 1,2,3-Trichloropropane | mg/l | .05 | 0.0650 | 130. | 62-138 | WG328143 |
| 1,2,4-Trichlorobenzene | mg/l | .05 | 0.0581 | 116. | 49-153 | WG328143 |
| 1,2,4-Trimethylbenzene | mg/l | .05 | 0.0536 | 107. | 61-128 | WG328143 |
| 1,2-Dibromo-3-Chloropropane | mg/l | .05 | 0.0679 | 136. | 50-139 | WG328143 |
| 1,2-Dibromoethane | mg/l | .05 | 0.0567 | 113. | 70-122 | WG328143 |
| 1,2-Dichlorobenzene | mg/l | .05 | 0.0551 | 110. | 54-135 | WG328143 |
| 1,2-Dichloroethane | mg/l | .05 | 0.0533 | 107. | 61-131 | WG328143 |
| 1,2-Dichloropropane | mg/l | .05 | 0.0504 | 101. | 64-126 | WG328143 |
| 1,3,5-Trimethylbenzene | mg/l | .05 | 0.0516 | 103. | 65-126 | WG328143 |
| 1,3-Dichlorobenzene | mg/l | .05 | 0.0533 | 107. | 45-143 | WG328143 |
| 1,3-Dichloropropane | mg/l | .05 | 0.0530 | 106. | 74-118 | WG328143 |
| 1,4-Dichlorobenzene | mg/l | .05 | 0.0551 | 110. | 48-138 | WG328143 |
| 2,2-Dichloropropane | mg/l | .05 | 0.0434 | 86.9 | 52-140 | WG328143 |
| 2-Butanone (MEK) | mg/l | .25 | 0.281 | 112. | 50-132 | WG328143 |
| 2-Chloroethyl vinyl ether | mg/l | .25 | 0.271 | 109. | 36-136 | WG328143 |
| 2-Chlorotoluene | mg/l | .05 | 0.0526 | 105. | 61-134 | WG328143 |
| 4-Chlorotoluene | mg/l | .05 | 0.0537 | 107. | 67-129 | WG328143 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | .25 | 0.335 | 134. | 47-143 | WG328143 |
| Acetone | mg/l | .25 | 0.271 | 108. | 36-163 | WG328143 |
| Acrolein | mg/l | .25 | 0.376 | 151. | 27-122 | WG328143 |
| Acrylonitrile | mg/l | .25 | 0.296 | 118. | 44-130 | WG328143 |
| Benzene | mg/l | .05 | 0.0494 | 98.8 | 63-121 | WG328143 |
| Bromobenzene | mg/l | .05 | 0.0531 | 106. | 70-130 | WG328143 |
| Bromodichloromethane | mg/l | .05 | 0.0515 | 103. | 64-127 | WG328143 |
| Bromoform | mg/l | .05 | 0.0566 | 113. | 60-139 | WG328143 |
| Bromomethane | mg/l | .05 | 0.0478 | 95.6 | 30-125 | WG328143 |
| Carbon tetrachloride | mg/l | .05 | 0.0494 | 98.9 | 70-140 | WG328143 |
| Chlorobenzene | mg/l | .05 | 0.0508 | 102. | 70-126 | WG328143 |
| Chlorodibromomethane | mg/l | .05 | 0.0547 | 109. | 62-132 | WG328143 |
| Chloroethane | mg/l | .05 | 0.0463 | 92.6 | 43-146 | WG328143 |
| Chloroform | mg/l | .05 | 0.0510 | 102. | 65-121 | WG328143 |
| Chloromethane | mg/l | .05 | 0.0485 | 97.0 | 45-131 | WG328143 |
| cis-1,2-Dichloroethene | mg/l | .05 | 0.0492 | 98.4 | 68-123 | WG328143 |
| cis-1,3-Dichloropropene | mg/l | .05 | 0.0608 | 122. | 66-121 | WG328143 |
| Di-isopropyl ether | mg/l | .05 | 0.0495 | 99.0 | 58-127 | WG328143 |
| Dibromomethane | mg/l | .05 | 0.0525 | 105. | 69-119 | WG328143 |
| Dichlorodifluoromethane | mg/l | .05 | 0.0725 | 145. | 24-155 | WG328143 |
| Ethylbenzene | mg/l | .05 | 0.0513 | 103. | 70-121 | WG328143 |
| Hexachlorobutadiene | mg/l | .05 | 0.0550 | 110. | 60-119 | WG328143 |
| Isopropylbenzene | mg/l | .05 | 0.0533 | 107. | 68-128 | WG328143 |
| Methyl tert-butyl ether | mg/l | .05 | 0.0530 | 106. | 51-137 | WG328143 |
| Methylene Chloride | mg/l | .05 | 0.0498 | 99.6 | 53-131 | WG328143 |
| n-Butylbenzene | mg/l | .05 | 0.0570 | 114. | 59-134 | WG328143 |
| n-Propylbenzene | mg/l | .05 | 0.0534 | 107. | 68-123 | WG328143 |
| Naphthalene | mg/l | .05 | 0.0661 | 132. | 54-150 | WG328143 |
| p-Isopropyltoluene | mg/l | .05 | 0.0552 | 110. | 64-132 | WG328143 |
| sec-Butylbenzene | mg/l | .05 | 0.0552 | 110. | 67-124 | WG328143 |
| Styrene | mg/l | .05 | 0.0526 | 105. | 68-123 | WG328143 |
| tert-Butylbenzene | mg/l | .05 | 0.0545 | 109. | 65-128 | WG328143 |

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Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | |
|---|---|---|---|---|---|---|
| Tetrachloroethene | mg/l | .05 | 0.0544 | 109. | 64-134 | WG328143 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Toluene | mg/l | .05 | 0.0509 | 102. | 65-120 | WG328143 |
| trans-1,2-Dichloroethene | mg/l | .05 | 0.0496 | 99.2 | 59-138 | WG328143 |
| trans-1,3-Dichloropropene | mg/l | .05 | 0.0500 | 100. | 55-113 | WG328143 |
| Trichloroethene | mg/l | .05 | 0.0517 | 103. | 74-120 | WG328143 |
| Trichlorofluoromethane | mg/l | .05 | 0.0587 | 117. | 49-121 | WG328143 |
| Vinyl chloride | mg/l | .05 | 0.0557 | 111. | 46-133 | WG328143 |
| Xylenes, Total | mg/l | .15 | 0.159 | 106. | 68-124 | WG328143 |
| Acetone | mg/kg | .25 | 0.265 | 106. | 49-158 | WG328157 |
| Ethylbenzene | mg/kg | .05 | 0.0580 | 116. | 69-124 | WG328157 |
| Xylenes, Total | mg/kg | .15 | 0.157 | 105. | 69-126 | WG328157 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0507 | 101. | 70-130 | WG328297 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0534 | 107. | 70-130 | WG328297 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0540 | 108. | 70-130 | WG328297 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0506 | 101. | 70-130 | WG328297 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0503 | 101. | 70-130 | WG328297 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0493 | 98.5 | 70-130 | WG328297 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0518 | 104. | 70-130 | WG328297 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0527 | 105. | 70-130 | WG328297 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0492 | 98.4 | 70-130 | WG328297 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0544 | 109. | 70-130 | WG328297 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0498 | 99.6 | 70-130 | WG328297 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0506 | 101. | 70-130 | WG328297 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0507 | 101. | 70-130 | WG328297 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.242 | 96.9 | 70-130 | WG328297 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.295 | 118. | 70-130 | WG328297 |
| Acetone | mg/kg | .25 | 0.262 | 105. | 70-130 | WG328297 |
| Benzene | mg/kg | .05 | 0.0514 | 103. | 70-130 | WG328297 |
| Bromobenzene | mg/kg | .05 | 0.0504 | 101. | 70-130 | WG328297 |
| Bromodichloromethane | mg/kg | .05 | 0.0507 | 101. | 70-130 | WG328297 |
| Bromoform | mg/kg | .05 | 0.0487 | 97.3 | 70-130 | WG328297 |
| Bromomethane | mg/kg | .05 | 0.0522 | 104. | 70-130 | WG328297 |
| Carbon tetrachloride | mg/kg | .05 | 0.0527 | 105. | 70-130 | WG328297 |
| Chlorobenzene | mg/kg | .05 | 0.0508 | 102. | 70-130 | WG328297 |
| Chlorodibromomethane | mg/kg | .05 | 0.0530 | 106. | 70-130 | WG328297 |
| Chloroethane | mg/kg | .05 | 0.0597 | 119. | 70-130 | WG328297 |
| Chloroform | mg/kg | .05 | 0.0506 | 101. | 70-130 | WG328297 |
| Chloromethane | mg/kg | .05 | 0.0482 | 96.5 | 70-130 | WG328297 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0509 | 102. | 70-130 | WG328297 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0524 | 105. | 70-130 | WG328297 |
| Di-isopropyl ether | mg/kg | .05 | 0.0542 | 108. | 70-130 | WG328297 |
| Ethylbenzene | mg/kg | .05 | 0.0491 | 98.3 | 70-130 | WG328297 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0564 | 113. | 70-130 | WG328297 |
| Methylene Chloride | mg/kg | .05 | 0.0498 | 99.7 | 70-130 | WG328297 |
| Naphthalene | mg/kg | .05 | 0.0518 | 104. | 70-130 | WG328297 |
| Styrene | mg/kg | .05 | 0.0511 | 102. | 70-130 | WG328297 |
| Tetrachloroethene | mg/kg | .05 | 0.0480 | 96.1 | 70-130 | WG328297 |
| Toluene | mg/kg | .05 | 0.0495 | 99.0 | 70-130 | WG328297 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0498 | 99.6 | 70-130 | WG328297 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0547 | 109. | 70-130 | WG328297 |
| Trichloroethene | mg/kg | .05 | 0.0515 | 103. | 70-130 | WG328297 |
| Vinyl chloride | mg/kg | .05 | 0.0514 | 103. | 70-130 | WG328297 |
| Ethylbenzene | mg/kg | .05 | 0.0479 | 95.8 | 69-124 | WG328472 |
| Xylenes, Total | mg/kg | .15 | 0.143 | 95.2 | 69-126 | WG328472 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|

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Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | mg/l | 0.0521 | 0.0509 | 2.14 | 17 | 104 | WG328006 |
| 1,1,1-Trichloroethane | mg/l | 0.0434 | 0.0450 | 3.51 | 17 | 87 | WG328006 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.0528 | 0.0527 | 0.195 | 16 | 106 | WG328006 |
| 1,1,2-Trichloroethane | mg/l | 0.0505 | 0.0499 | 1.24 | 16 | 101 | WG328006 |
| 1,1-Dichloroethane | mg/l | 0.0448 | 0.0461 | 2.95 | 22 | 90 | WG328006 |
| 1,1-Dichloroethene | mg/l | 0.0499 | 0.0549 | 9.56 | 17 | 100 | WG328006 |
| 1,1-Dichloropropene | mg/l | 0.0432 | 0.0448 | 3.60 | 17 | 86 | WG328006 |
| 1,2,3-Trichlorobenzene | mg/l | 0.0463 | 0.0474 | 2.25 | 19 | 93 | WG328006 |
| 1,2,3-Trichloropropane | mg/l | 0.0514 | 0.0526 | 2.39 | 18 | 103 | WG328006 |
| 1,2,4-Trichlorobenzene | mg/l | 0.0443 | 0.0445 | 0.530 | 20 | 89 | WG328006 |
| 1,2,4-Trimethylbenzene | mg/l | 0.0470 | 0.0466 | 0.943 | 18 | 94 | WG328006 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.0509 | 0.0540 | 5.95 | 19 | 102 | WG328006 |
| 1,2-Dibromoethane | mg/l | 0.0503 | 0.0496 | 1.46 | 16 | 101 | WG328006 |
| 1,2-Dichlorobenzene | mg/l | 0.0472 | 0.0478 | 1.35 | 16 | 94 | WG328006 |
| 1,2-Dichloroethane | mg/l | 0.0464 | 0.0480 | 3.47 | 15 | 93 | WG328006 |
| 1,2-Dichloropropane | mg/l | 0.0486 | 0.0487 | 0.0845 | 18 | 97 | WG328006 |
| 1,3,5-Trimethylbenzene | mg/l | 0.0482 | 0.0474 | 1.67 | 17 | 96 | WG328006 |
| 1,3-Dichlorobenzene | mg/l | 0.0480 | 0.0472 | 1.60 | 17 | 96 | WG328006 |
| 1,3-Dichloropropane | mg/l | 0.0490 | 0.0492 | 0.542 | 15 | 98 | WG328006 |
| 1,4-Dichlorobenzene | mg/l | 0.0462 | 0.0472 | 2.01 | 17 | 92 | WG328006 |
| 2,2-Dichloropropane | mg/l | 0.0342 | 0.0345 | 1.11 | 21 | 68 | WG328006 |
| 2-Butanone (MEK) | mg/l | 0.227 | 0.242 | 6.21 | 21 | 91 | WG328006 |
| 2-Chloroethyl vinyl ether | mg/l | 0.266 | 0.282 | 5.99 | 28 | 106 | WG328006 |
| 2-Chlorotoluene | mg/l | 0.0469 | 0.0461 | 1.84 | 26 | 94 | WG328006 |
| 4-Chlorotoluene | mg/l | 0.0456 | 0.0450 | 1.45 | 17 | 91 | WG328006 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.262 | 0.285 | 8.51 | 21 | 105 | WG328006 |
| Acetone | mg/l | 0.256 | 0.283 | 9.93 | 20 | 103 | WG328006 |
| Acrolein | mg/l | 0.335 | 0.356 | 6.27 | 13 | 134 | WG328006 |
| Acrylonitrile | mg/l | 0.228 | 0.240 | 5.04 | 20 | 91 | WG328006 |
| Benzene | mg/l | 0.0460 | 0.0479 | 4.22 | 16 | 92 | WG328006 |
| Bromobenzene | mg/l | 0.0473 | 0.0464 | 1.88 | 16 | 95 | WG328006 |
| Bromodichloromethane | mg/l | 0.0486 | 0.0497 | 2.18 | 17 | 97 | WG328006 |
| Bromoform | mg/l | 0.0464 | 0.0464 | 0.0283 | 15 | 93 | WG328006 |
| Bromomethane | mg/l | 0.0776 | 0.0815 | 4.81 | 21 | 155 | WG328006 |
| Carbon tetrachloride | mg/l | 0.0442 | 0.0460 | 3.99 | 17 | 88 | WG328006 |
| Chlorobenzene | mg/l | 0.0499 | 0.0491 | 1.53 | 16 | 100 | WG328006 |
| Chlorodibromomethane | mg/l | 0.0540 | 0.0528 | 2.26 | 15 | 108 | WG328006 |
| Chloroethane | mg/l | 0.0472 | 0.0512 | 8.13 | 24 | 94 | WG328006 |
| Chloroform | mg/l | 0.0459 | 0.0467 | 1.77 | 15 | 92 | WG328006 |
| Chloromethane | mg/l | 0.0382 | 0.0394 | 2.85 | 22 | 76 | WG328006 |
| cis-1,2-Dichloroethene | mg/l | 0.0461 | 0.0471 | 2.00 | 15 | 92 | WG328006 |
| cis-1,3-Dichloropropene | mg/l | 0.0476 | 0.0484 | 1.68 | 18 | 95 | WG328006 |
| Di-isopropyl ether | mg/l | 0.0482 | 0.0499 | 3.42 | 18 | 96 | WG328006 |
| Dibromomethane | mg/l | 0.0473 | 0.0490 | 3.57 | 16 | 95 | WG328006 |
| Dichlorodifluoromethane | mg/l | 0.0410 | 0.0440 | 6.98 | 22 | 82 | WG328006 |
| Ethylbenzene | mg/l | 0.0491 | 0.0491 | 0.0317 | 17 | 98 | WG328006 |
| Hexachlorobutadiene | mg/l | 0.0420 | 0.0427 | 1.69 | 18 | 84 | WG328006 |
| Isopropylbenzene | mg/l | 0.0483 | 0.0486 | 0.694 | 17 | 97 | WG328006 |
| Methyl tert-butyl ether | mg/l | 0.0451 | 0.0406 | 10.5 | 18 | 90 | WG328006 |
| Methylene Chloride | mg/l | 0.0526 | 0.0560 | 6.26 | 17 | 105 | WG328006 |
| n-Butylbenzene | mg/l | 0.0458 | 0.0476 | 3.99 | 19 | 92 | WG328006 |
| n-Propylbenzene | mg/l | 0.0483 | 0.0486 | 0.506 | 17 | 97 | WG328006 |
| Naphthalene | mg/l | 0.0493 | 0.0508 | 2.90 | 17 | 99 | WG328006 |
| p-Isopropyltoluene | mg/l | 0.0485 | 0.0479 | 1.19 | 18 | 97 | WG328006 |
| sec-Butylbenzene | mg/l | 0.0487 | 0.0488 | 0.257 | 18 | 97 | WG328006 |
| Styrene | mg/l | 0.0496 | 0.0493 | 0.697 | 17 | 99 | WG328006 |
| tert-Butylbenzene | mg/l | 0.0481 | 0.0482 | 0.393 | 17 | 96 | WG328006 |
| Tetrachloroethene | mg/l | 0.0445 | 0.0456 | 2.31 | 18 | 89 | WG328006 |
| Toluene | mg/l | 0.0451 | 0.0462 | 2.56 | 18 | 90 | WG328006 |
| trans-1,2-Dichloroethene | mg/l | 0.0446 | 0.0468 | 4.75 | 22 | 89 | WG328006 |
| trans-1,3-Dichloropropene | mg/l | 0.0470 | 0.0492 | 4.44 | 18 | 94 | WG328006 |
| Trichloroethene | mg/l | 0.0453 | 0.0466 | 2.92 | 16 | 91 | WG328006 |
| Trichlorofluoromethane | mg/l | 0.0560 | 0.0604 | 7.54 | 19 | 112 | WG328006 |

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Quality Assurance Report
Level II

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| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Vinyl chloride | mg/l | 0.0421 | 0.0467 | 10.4 | 17 | 84 | WG328006 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Xylenes, Total | mg/l | 0.144 | 0.145 | 0.753 | 17 | 96 | WG328006 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0462 | 0.0468 | 1.31 | 16 | 92 | WG328058 |
| 1,1,1-Trichloroethane | mg/kg | 0.0508 | 0.0501 | 1.27 | 16 | 102 | WG328058 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0505 | 0.0543 | 7.12 | 16 | 101 | WG328058 |
| 1,1,2-Trichloroethane | mg/kg | 0.0510 | 0.0552 | 7.96 | 14 | 102 | WG328058 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0544 | 0.0584 | 7.05 | 17 | 109 | WG328058 |
| 1,1-Dichloroethane | mg/kg | 0.0523 | 0.0528 | 0.937 | 16 | 105 | WG328058 |
| 1,1-Dichloroethene | mg/kg | 0.0558 | 0.0600 | 7.26 | 19 | 112 | WG328058 |
| 1,1-Dichloropropene | mg/kg | 0.0530 | 0.0543 | 2.36 | 17 | 106 | WG328058 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0555 | 0.0536 | 3.39 | 21 | 111 | WG328058 |
| 1,2,3-Trichloropropane | mg/kg | 0.0457 | 0.0479 | 4.88 | 19 | 91 | WG328058 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0551 | 0.0554 | 0.502 | 20 | 110 | WG328058 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0459 | 0.0486 | 5.64 | 15 | 92 | WG328058 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0553 | 0.0549 | 0.859 | 20 | 111 | WG328058 |
| 1,2-Dibromoethane | mg/kg | 0.0497 | 0.0532 | 6.78 | 23 | 99 | WG328058 |
| 1,2-Dichlorobenzene | mg/kg | 0.0515 | 0.0529 | 2.58 | 15 | 103 | WG328058 |
| 1,2-Dichloroethane | mg/kg | 0.0454 | 0.0449 | 1.02 | 15 | 91 | WG328058 |
| 1,2-Dichloropropane | mg/kg | 0.0534 | 0.0541 | 1.37 | 16 | 107 | WG328058 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0451 | 0.0482 | 6.59 | 15 | 90 | WG328058 |
| 1,3-Dichlorobenzene | mg/kg | 0.0468 | 0.0487 | 4.00 | 18 | 94 | WG328058 |
| 1,3-Dichloropropane | mg/kg | 0.0479 | 0.0503 | 4.87 | 15 | 96 | WG328058 |
| 1,4-Dichlorobenzene | mg/kg | 0.0485 | 0.0489 | 0.766 | 17 | 97 | WG328058 |
| 2,2-Dichloropropane | mg/kg | 0.0465 | 0.0447 | 4.03 | 19 | 93 | WG328058 |
| 2-Butanone (MEK) | mg/kg | 0.240 | 0.259 | 7.64 | 21 | 96 | WG328058 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.217 | 0.250 | 14.0 | 14 | 87 | WG328058 |
| 2-Chlorotoluene | mg/kg | 0.0460 | 0.0483 | 4.89 | 19 | 92 | WG328058 |
| 4-Chlorotoluene | mg/kg | 0.0467 | 0.0484 | 3.70 | 16 | 93 | WG328058 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.271 | 0.285 | 5.01 | 19 | 108 | WG328058 |
| Acetone | mg/kg | 0.276 | 0.287 | 3.90 | 31 | 110 | WG328058 |
| Acrylonitrile | mg/kg | 0.290 | 0.299 | 3.13 | 18 | 116 | WG328058 |
| Benzene | mg/kg | 0.0536 | 0.0541 | 0.934 | 13 | 107 | WG328058 |
| Bromobenzene | mg/kg | 0.0449 | 0.0481 | 6.88 | 15 | 90 | WG328058 |
| Bromodichloromethane | mg/kg | 0.0483 | 0.0481 | 0.538 | 13 | 97 | WG328058 |
| Bromoform | mg/kg | 0.0485 | 0.0507 | 4.53 | 16 | 97 | WG328058 |
| Bromomethane | mg/kg | 0.0544 | 0.0564 | 3.61 | 20 | 109 | WG328058 |
| Carbon tetrachloride | mg/kg | 0.0491 | 0.0484 | 1.36 | 16 | 98 | WG328058 |
| Chlorobenzene | mg/kg | 0.0491 | 0.0519 | 5.60 | 16 | 98 | WG328058 |
| Chlorodibromomethane | mg/kg | 0.0466 | 0.0501 | 7.35 | 16 | 93 | WG328058 |
| Chloroethane | mg/kg | 0.0531 | 0.0566 | 6.35 | 16 | 106 | WG328058 |
| Chloroform | mg/kg | 0.0504 | 0.0490 | 2.79 | 14 | 101 | WG328058 |
| Chloromethane | mg/kg | 0.0526 | 0.0565 | 7.16 | 17 | 105 | WG328058 |
| cis-1,2-Dichloroethene | mg/kg | 0.0546 | 0.0551 | 0.979 | 15 | 109 | WG328058 |
| cis-1,3-Dichloropropene | mg/kg | 0.0515 | 0.0517 | 0.314 | 15 | 103 | WG328058 |
| Di-isopropyl ether | mg/kg | 0.0539 | 0.0538 | 0.111 | 15 | 108 | WG328058 |
| Dibromomethane | mg/kg | 0.0483 | 0.0478 | 1.07 | 14 | 97 | WG328058 |
| Dichlorodifluoromethane | mg/kg | 0.0516 | 0.0539 | 4.52 | 19 | 103 | WG328058 |
| Ethylbenzene | mg/kg | 0.0457 | 0.0499 | 8.73 | 15 | 91 | WG328058 |
| Hexachlorobutadiene | mg/kg | 0.0520 | 0.0524 | 0.774 | 16 | 104 | WG328058 |
| Isopropylbenzene | mg/kg | 0.0485 | 0.0524 | 7.70 | 16 | 97 | WG328058 |
| Methyl tert-butyl ether | mg/kg | 0.0512 | 0.0496 | 3.08 | 16 | 102 | WG328058 |
| Methylene Chloride | mg/kg | 0.0617 | 0.0570 | 7.80 | 15 | 123 | WG328058 |
| n-Butylbenzene | mg/kg | 0.0536 | 0.0547 | 2.01 | 18 | 107 | WG328058 |
| n-Propylbenzene | mg/kg | 0.0456 | 0.0484 | 5.86 | 16 | 91 | WG328058 |
| Naphthalene | mg/kg | 0.0520 | 0.0529 | 1.81 | 21 | 104 | WG328058 |
| p-Isopropyltoluene | mg/kg | 0.0472 | 0.0510 | 7.63 | 16 | 94 | WG328058 |
| sec-Butylbenzene | mg/kg | 0.0487 | 0.0515 | 5.48 | 15 | 97 | WG328058 |
| Styrene | mg/kg | 0.0504 | 0.0533 | 5.61 | 16 | 101 | WG328058 |
| tert-Butylbenzene | mg/kg | 0.0469 | 0.0505 | 7.37 | 16 | 94 | WG328058 |

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| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Tetrachloroethene | mg/kg | 0.0475 | 0.0514 | 7.87 | 18 | 95 | WG328058 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Toluene | mg/kg | 0.0494 | 0.0492 | 0.421 | 13 | 99 | WG328058 |
| trans-1,2-Dichloroethene | mg/kg | 0.0544 | 0.0551 | 1.41 | 17 | 109 | WG328058 |
| trans-1,3-Dichloropropene | mg/kg | 0.0498 | 0.0487 | 2.27 | 17 | 100 | WG328058 |
| Trichloroethene | mg/kg | 0.0496 | 0.0504 | 1.61 | 14 | 99 | WG328058 |
| Trichlorofluoromethane | mg/kg | 0.0443 | 0.0435 | 1.74 | 15 | 89 | WG328058 |
| Vinyl chloride | mg/kg | 0.0541 | 0.0565 | 4.46 | 14 | 108 | WG328058 |
| Xylenes, Total | mg/kg | 0.136 | 0.148 | 8.40 | 14 | 91 | WG328058 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0554 | 0.0491 | 12.1 | 16 | 111 | WG328082 |
| 1,1,1-Trichloroethane | mg/kg | 0.0408 | 0.0351 | 15.1 | 16 | 82 | WG328082 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0517 | 0.0465 | 10.5 | 16 | 103 | WG328082 |
| 1,1,2-Trichloroethane | mg/kg | 0.0517 | 0.0469 | 9.79 | 14 | 103 | WG328082 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0420 | 0.0373 | 11.8 | 17 | 84 | WG328082 |
| 1,1-Dichloroethane | mg/kg | 0.0427 | 0.0376 | 12.9 | 16 | 85 | WG328082 |
| 1,1-Dichloroethene | mg/kg | 0.0448 | 0.0394 | 12.7 | 19 | 90 | WG328082 |
| 1,1-Dichloropropene | mg/kg | 0.0425 | 0.0370 | 13.7 | 17 | 85 | WG328082 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0537 | 0.0482 | 10.9 | 21 | 107 | WG328082 |
| 1,2,3-Trichloropropane | mg/kg | 0.0511 | 0.0465 | 9.40 | 19 | 102 | WG328082 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0541 | 0.0486 | 10.8 | 20 | 108 | WG328082 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0523 | 0.0453 | 14.3 | 15 | 105 | WG328082 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0447 | 0.0420 | 6.17 | 20 | 89 | WG328082 |
| 1,2-Dibromoethane | mg/kg | 0.0532 | 0.0480 | 10.3 | 23 | 106 | WG328082 |
| 1,2-Dichlorobenzene | mg/kg | 0.0497 | 0.0444 | 11.2 | 15 | 99 | WG328082 |
| 1,2-Dichloroethane | mg/kg | 0.0387 | 0.0347 | 10.7 | 15 | 77 | WG328082 |
| 1,2-Dichloropropane | mg/kg | 0.0481 | 0.0425 | 12.3 | 16 | 96 | WG328082 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0515 | 0.0446 | 14.4 | 15 | 103 | WG328082 |
| 1,3-Dichlorobenzene | mg/kg | 0.0556 | 0.0483 | 13.9 | 18 | 111 | WG328082 |
| 1,3-Dichloropropane | mg/kg | 0.0483 | 0.0434 | 10.6 | 15 | 97 | WG328082 |
| 1,4-Dichlorobenzene | mg/kg | 0.0482 | 0.0438 | 9.57 | 17 | 96 | WG328082 |
| 2,2-Dichloropropane | mg/kg | 0.0431 | 0.0376 | 13.6 | 19 | 86 | WG328082 |
| 2-Butanone (MEK) | mg/kg | 0.200 | 0.188 | 6.03 | 21 | 80 | WG328082 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.164 | 0.163 | 0.507 | 14 | 66 | WG328082 |
| 2-Chlorotoluene | mg/kg | 0.0491 | 0.0423 | 14.8 | 19 | 98 | WG328082 |
| 4-Chlorotoluene | mg/kg | 0.0505 | 0.0439 | 13.9 | 16 | 101 | WG328082 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.229 | 0.214 | 6.51 | 19 | 92 | WG328082 |
| Acetone | mg/kg | 0.182 | 0.176 | 3.21 | 31 | 73 | WG328082 |
| Acrylonitrile | mg/kg | 0.204 | 0.189 | 7.62 | 18 | 82 | WG328082 |
| Benzene | mg/kg | 0.0441 | 0.0387 | 13.1 | 13 | 88 | WG328082 |
| Bromobenzene | mg/kg | 0.0498 | 0.0434 | 13.6 | 15 | 100 | WG328082 |
| Bromodichloromethane | mg/kg | 0.0472 | 0.0414 | 13.1 | 13 | 94 | WG328082 |
| Bromoform | mg/kg | 0.0520 | 0.0472 | 9.71 | 16 | 104 | WG328082 |
| Bromomethane | mg/kg | 0.0638 | 0.0593 | 7.41 | 20 | 128 | WG328082 |
| Carbon tetrachloride | mg/kg | 0.0451 | 0.0386 | 15.7 | 16 | 90 | WG328082 |
| Chlorobenzene | mg/kg | 0.0531 | 0.0467 | 12.9 | 16 | 106 | WG328082 |
| Chlorodibromomethane | mg/kg | 0.0557 | 0.0498 | 11.2 | 16 | 111 | WG328082 |
| Chloroethane | mg/kg | 0.0549 | 0.0491 | 11.0 | 16 | 110 | WG328082 |
| Chloroform | mg/kg | 0.0419 | 0.0368 | 12.8 | 14 | 84 | WG328082 |
| Chloromethane | mg/kg | 0.0593 | 0.0349 | 51.7 | 17 | 119 | WG328082 |
| cis-1,2-Dichloroethene | mg/kg | 0.0461 | 0.0409 | 12.0 | 15 | 92 | WG328082 |
| cis-1,3-Dichloropropene | mg/kg | 0.0546 | 0.0483 | 12.2 | 15 | 109 | WG328082 |
| Di-isopropyl ether | mg/kg | 0.0417 | 0.0376 | 10.3 | 15 | 83 | WG328082 |
| Dibromomethane | mg/kg | 0.0486 | 0.0435 | 11.2 | 14 | 97 | WG328082 |
| Dichlorodifluoromethane | mg/kg | 0.0454 | 0.0404 | 11.5 | 19 | 91 | WG328082 |
| Ethylbenzene | mg/kg | 0.0523 | 0.0450 | 14.9 | 15 | 105 | WG328082 |
| Hexachlorobutadiene | mg/kg | 0.0496 | 0.0434 | 13.2 | 16 | 99 | WG328082 |
| Isopropylbenzene | mg/kg | 0.0517 | 0.0445 | 15.0 | 16 | 103 | WG328082 |
| Methyl tert-butyl ether | mg/kg | 0.0430 | 0.0399 | 7.46 | 16 | 86 | WG328082 |
| Methylene Chloride | mg/kg | 0.0432 | 0.0379 | 13.1 | 15 | 86 | WG328082 |
| n-Butylbenzene | mg/kg | 0.0457 | 0.0401 | 13.1 | 18 | 91 | WG328082 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| n-Propylbenzene | mg/kg | 0.0499 | 0.0435 | 13.8 | 16 | 100 | WG328082 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Naphthalene | mg/kg | 0.0522 | 0.0478 | 8.76 | 21 | 104 | WG328082 |
| p-Isopropyltoluene | mg/kg | 0.0538 | 0.0464 | 14.8 | 16 | 108 | WG328082 |
| sec-Butylbenzene | mg/kg | 0.0521 | 0.0447 | 15.4 | 15 | 104 | WG328082 |
| Styrene | mg/kg | 0.0566 | 0.0489 | 14.5 | 16 | 113 | WG328082 |
| tert-Butylbenzene | mg/kg | 0.0524 | 0.0455 | 14.0 | 16 | 105 | WG328082 |
| Tetrachloroethene | mg/kg | 0.0518 | 0.0446 | 14.9 | 18 | 104 | WG328082 |
| Toluene | mg/kg | 0.0457 | 0.0402 | 12.7 | 13 | 91 | WG328082 |
| trans-1,2-Dichloroethene | mg/kg | 0.0458 | 0.0405 | 12.3 | 17 | 92 | WG328082 |
| trans-1,3-Dichloropropene | mg/kg | 0.0550 | 0.0495 | 10.6 | 17 | 110 | WG328082 |
| Trichloroethene | mg/kg | 0.0499 | 0.0435 | 13.6 | 14 | 100 | WG328082 |
| Trichlorofluoromethane | mg/kg | 0.0496 | 0.0433 | 13.6 | 15 | 99 | WG328082 |
| Vinyl chloride | mg/kg | 0.0486 | 0.0432 | 11.7 | 14 | 97 | WG328082 |
| Xylenes, Total | mg/kg | 0.157 | 0.136 | 13.8 | 14 | 104 | WG328082 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0550 | 0.0575 | 4.49 | 16 | 110 | WG328092 |
| 1,1,1-Trichloroethane | mg/kg | 0.0370 | 0.0379 | 2.35 | 16 | 74 | WG328092 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0572 | 0.0570 | 0.386 | 16 | 114 | WG328092 |
| 1,1,2-Trichloroethane | mg/kg | 0.0527 | 0.0537 | 1.85 | 14 | 105 | WG328092 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0365 | 0.0386 | 5.66 | 17 | 73 | WG328092 |
| 1,1-Dichloroethane | mg/kg | 0.0386 | 0.0398 | 3.23 | 16 | 77 | WG328092 |
| 1,1-Dichloroethene | mg/kg | 0.0390 | 0.0408 | 4.53 | 19 | 78 | WG328092 |
| 1,1-Dichloropropene | mg/kg | 0.0378 | 0.0393 | 3.98 | 17 | 76 | WG328092 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0563 | 0.0587 | 4.31 | 21 | 113 | WG328092 |
| 1,2,3-Trichloropropane | mg/kg | 0.0573 | 0.0575 | 0.454 | 19 | 115 | WG328092 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0520 | 0.0554 | 6.35 | 20 | 104 | WG328092 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0505 | 0.0518 | 2.49 | 15 | 101 | WG328092 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0521 | 0.0523 | 0.482 | 20 | 104 | WG328092 |
| 1,2-Dibromoethane | mg/kg | 0.0535 | 0.0542 | 1.33 | 23 | 107 | WG328092 |
| 1,2-Dichlorobenzene | mg/kg | 0.0488 | 0.0522 | 6.74 | 15 | 98 | WG328092 |
| 1,2-Dichloroethane | mg/kg | 0.0372 | 0.0368 | 1.02 | 15 | 74 | WG328092 |
| 1,2-Dichloropropane | mg/kg | 0.0445 | 0.0455 | 2.30 | 16 | 89 | WG328092 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0494 | 0.0506 | 2.44 | 15 | 99 | WG328092 |
| 1,3-Dichlorobenzene | mg/kg | 0.0545 | 0.0552 | 1.27 | 18 | 109 | WG328092 |
| 1,3-Dichloropropane | mg/kg | 0.0476 | 0.0486 | 1.99 | 15 | 95 | WG328092 |
| 1,4-Dichlorobenzene | mg/kg | 0.0454 | 0.0485 | 6.58 | 17 | 91 | WG328092 |
| 2,2-Dichloropropane | mg/kg | 0.0369 | 0.0385 | 4.07 | 19 | 74 | WG328092 |
| 2-Butanone (MEK) | mg/kg | 0.218 | 0.208 | 4.74 | 21 | 87 | WG328092 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.147 | 0.169 | 13.5 | 14 | 59 | WG328092 |
| 2-Chlorotoluene | mg/kg | 0.0462 | 0.0476 | 2.92 | 19 | 92 | WG328092 |
| 4-Chlorotoluene | mg/kg | 0.0479 | 0.0494 | 3.08 | 16 | 96 | WG328092 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.253 | 0.248 | 1.74 | 19 | 101 | WG328092 |
| Acetone | mg/kg | 0.183 | 0.175 | 4.61 | 31 | 73 | WG328092 |
| Acrylonitrile | mg/kg | 0.210 | 0.203 | 3.29 | 18 | 84 | WG328092 |
| Benzene | mg/kg | 0.0407 | 0.0420 | 3.07 | 13 | 81 | WG328092 |
| Bromobenzene | mg/kg | 0.0490 | 0.0504 | 2.82 | 15 | 98 | WG328092 |
| Bromodichloromethane | mg/kg | 0.0441 | 0.0454 | 2.87 | 13 | 88 | WG328092 |
| Bromoform | mg/kg | 0.0561 | 0.0570 | 1.49 | 16 | 112 | WG328092 |
| Bromomethane | mg/kg | 0.0492 | 0.0517 | 4.94 | 20 | 98 | WG328092 |
| Carbon tetrachloride | mg/kg | 0.0396 | 0.0414 | 4.44 | 16 | 79 | WG328092 |
| Chlorobenzene | mg/kg | 0.0502 | 0.0524 | 4.25 | 16 | 100 | WG328092 |
| Chlorodibromomethane | mg/kg | 0.0560 | 0.0581 | 3.70 | 16 | 112 | WG328092 |
| Chloroethane | mg/kg | 0.0472 | 0.0465 | 1.52 | 16 | 94 | WG328092 |
| Chloroform | mg/kg | 0.0391 | 0.0399 | 2.16 | 14 | 78 | WG328092 |
| Chloromethane | mg/kg | 0.0510 | 0.0369 | 32.1 | 17 | 102 | WG328092 |
| cis-1,2-Dichloroethene | mg/kg | 0.0424 | 0.0440 | 3.80 | 15 | 85 | WG328092 |
| cis-1,3-Dichloropropene | mg/kg | 0.0489 | 0.0506 | 3.37 | 15 | 98 | WG328092 |
| Di-isopropyl ether | mg/kg | 0.0398 | 0.0408 | 2.41 | 15 | 80 | WG328092 |
| Dibromomethane | mg/kg | 0.0466 | 0.0468 | 0.604 | 14 | 93 | WG328092 |
| Dichlorodifluoromethane | mg/kg | 0.0397 | 0.0385 | 3.22 | 19 | 79 | WG328092 |

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Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | mg/kg | 0.0475 | 0.0517 | 8.41 | 16 | 95 | WG328092 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Isopropylbenzene | mg/kg | 0.0491 | 0.0501 | 2.11 | 16 | 98 | WG328092 |
| Methyl tert-butyl ether | mg/kg | 0.0440 | 0.0444 | 0.939 | 16 | 88 | WG328092 |
| Methylene Chloride | mg/kg | 0.0407 | 0.0408 | 0.128 | 15 | 81 | WG328092 |
| n-Butylbenzene | mg/kg | 0.0404 | 0.0431 | 6.39 | 18 | 81 | WG328092 |
| n-Propylbenzene | mg/kg | 0.0466 | 0.0479 | 2.73 | 16 | 93 | WG328092 |
| Naphthalene | mg/kg | 0.0598 | 0.0609 | 1.79 | 21 | 120 | WG328092 |
| p-Isopropyltoluene | mg/kg | 0.0520 | 0.0530 | 1.73 | 16 | 104 | WG328092 |
| sec-Butylbenzene | mg/kg | 0.0503 | 0.0515 | 2.20 | 15 | 101 | WG328092 |
| Styrene | mg/kg | 0.0532 | 0.0551 | 3.49 | 16 | 106 | WG328092 |
| tert-Butylbenzene | mg/kg | 0.0520 | 0.0532 | 2.17 | 16 | 104 | WG328092 |
| Tetrachloroethene | mg/kg | 0.0464 | 0.0492 | 5.72 | 18 | 93 | WG328092 |
| Toluene | mg/kg | 0.0420 | 0.0433 | 2.95 | 13 | 84 | WG328092 |
| trans-1,2-Dichloroethene | mg/kg | 0.0404 | 0.0423 | 4.66 | 17 | 81 | WG328092 |
| trans-1,3-Dichloropropene | mg/kg | 0.0510 | 0.0521 | 2.27 | 17 | 102 | WG328092 |
| Trichloroethene | mg/kg | 0.0461 | 0.0483 | 4.68 | 14 | 92 | WG328092 |
| Trichlorofluoromethane | mg/kg | 0.0419 | 0.0409 | 2.37 | 15 | 84 | WG328092 |
| Vinyl chloride | mg/kg | 0.0416 | 0.0413 | 0.947 | 14 | 83 | WG328092 |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.0595 | 0.0636 | 6.64 | 17 | 119 | WG328143 |
| 1,1,1-Trichloroethane | mg/l | 0.0449 | 0.0484 | 7.60 | 17 | 90 | WG328143 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.0577 | 0.0639 | 10.2 | 16 | 115 | WG328143 |
| 1,1,2-Trichloroethane | mg/l | 0.0522 | 0.0564 | 7.83 | 16 | 104 | WG328143 |
| 1,1-Dichloroethane | mg/l | 0.0466 | 0.0504 | 7.75 | 22 | 93 | WG328143 |
| 1,1-Dichloroethene | mg/l | 0.0432 | 0.0459 | 6.02 | 17 | 86 | WG328143 |
| 1,1-Dichloropropene | mg/l | 0.0495 | 0.0532 | 7.23 | 17 | 99 | WG328143 |
| 1,2,3-Trichlorobenzene | mg/l | 0.0566 | 0.0624 | 9.83 | 19 | 113 | WG328143 |
| 1,2,3-Trichloropropane | mg/l | 0.0569 | 0.0650 | 13.4 | 18 | 114 | WG328143 |
| 1,2,4-Trichlorobenzene | mg/l | 0.0557 | 0.0581 | 4.21 | 20 | 111 | WG328143 |
| 1,2,4-Trimethylbenzene | mg/l | 0.0504 | 0.0536 | 6.19 | 18 | 101 | WG328143 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.0597 | 0.0679 | 12.9 | 19 | 119 | WG328143 |
| 1,2-Dibromoethane | mg/l | 0.0518 | 0.0567 | 9.01 | 16 | 104 | WG328143 |
| 1,2-Dichlorobenzene | mg/l | 0.0519 | 0.0551 | 6.00 | 16 | 104 | WG328143 |
| 1,2-Dichloroethane | mg/l | 0.0488 | 0.0533 | 8.96 | 15 | 98 | WG328143 |
| 1,2-Dichloropropane | mg/l | 0.0479 | 0.0504 | 5.03 | 18 | 96 | WG328143 |
| 1,3,5-Trimethylbenzene | mg/l | 0.0491 | 0.0516 | 5.01 | 17 | 98 | WG328143 |
| 1,3-Dichlorobenzene | mg/l | 0.0505 | 0.0533 | 5.52 | 17 | 101 | WG328143 |
| 1,3-Dichloropropane | mg/l | 0.0492 | 0.0530 | 7.41 | 15 | 98 | WG328143 |
| 1,4-Dichlorobenzene | mg/l | 0.0529 | 0.0551 | 4.11 | 17 | 106 | WG328143 |
| 2,2-Dichloropropane | mg/l | 0.0412 | 0.0434 | 5.22 | 21 | 82 | WG328143 |
| 2-Butanone (MEK) | mg/l | 0.250 | 0.281 | 11.4 | 21 | 100 | WG328143 |
| 2-Chloroethyl vinyl ether | mg/l | 0.257 | 0.271 | 5.44 | 28 | 103 | WG328143 |
| 2-Chlorotoluene | mg/l | 0.0491 | 0.0526 | 6.73 | 26 | 98 | WG328143 |
| 4-Chlorotoluene | mg/l | 0.0504 | 0.0537 | 6.20 | 17 | 101 | WG328143 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.296 | 0.335 | 12.3 | 21 | 118 | WG328143 |
| Acetone | mg/l | 0.232 | 0.271 | 15.1 | 20 | 93 | WG328143 |
| Acrolein | mg/l | 0.343 | 0.376 | 9.24 | 13 | 137 | WG328143 |
| Acrylonitrile | mg/l | 0.269 | 0.296 | 9.56 | 20 | 108 | WG328143 |
| Benzene | mg/l | 0.0460 | 0.0494 | 7.14 | 16 | 92 | WG328143 |
| Bromobenzene | mg/l | 0.0495 | 0.0531 | 7.03 | 16 | 99 | WG328143 |
| Bromodichloromethane | mg/l | 0.0489 | 0.0515 | 5.06 | 17 | 98 | WG328143 |
| Bromoform | mg/l | 0.0522 | 0.0566 | 8.12 | 15 | 104 | WG328143 |
| Bromomethane | mg/l | 0.0471 | 0.0478 | 1.48 | 21 | 94 | WG328143 |
| Carbon tetrachloride | mg/l | 0.0470 | 0.0494 | 5.12 | 17 | 94 | WG328143 |
| Chlorobenzene | mg/l | 0.0482 | 0.0508 | 5.27 | 16 | 96 | WG328143 |
| Chlorodibromomethane | mg/l | 0.0516 | 0.0547 | 5.78 | 15 | 103 | WG328143 |
| Chloroethane | mg/l | 0.0448 | 0.0463 | 3.24 | 24 | 90 | WG328143 |
| Chloroform | mg/l | 0.0475 | 0.0510 | 7.04 | 15 | 95 | WG328143 |
| Chloromethane | mg/l | 0.0469 | 0.0485 | 3.43 | 22 | 94 | WG328143 |
| cis-1,2-Dichloroethene | mg/l | 0.0464 | 0.0492 | 5.92 | 15 | 93 | WG328143 |

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Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | mg/l | 0.0585 | 0.0608 | 3.86 | 18 | 117 | WG328143 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Di-isopropyl ether | mg/l | 0.0461 | 0.0495 | 7.01 | 18 | 92 | WG328143 |
| Dibromomethane | mg/l | 0.0488 | 0.0525 | 7.30 | 16 | 98 | WG328143 |
| Dichlorodifluoromethane | mg/l | 0.0664 | 0.0725 | 8.80 | 22 | 133 | WG328143 |
| Ethylbenzene | mg/l | 0.0485 | 0.0513 | 5.64 | 17 | 97 | WG328143 |
| Hexachlorobutadiene | mg/l | 0.0542 | 0.0550 | 1.37 | 18 | 108 | WG328143 |
| Isopropylbenzene | mg/l | 0.0505 | 0.0533 | 5.47 | 17 | 101 | WG328143 |
| Methyl tert-butyl ether | mg/l | 0.0487 | 0.0530 | 8.44 | 18 | 97 | WG328143 |
| Methylene Chloride | mg/l | 0.0464 | 0.0498 | 7.01 | 17 | 93 | WG328143 |
| n-Butylbenzene | mg/l | 0.0551 | 0.0570 | 3.29 | 19 | 110 | WG328143 |
| n-Propylbenzene | mg/l | 0.0506 | 0.0534 | 5.47 | 17 | 101 | WG328143 |
| Naphthalene | mg/l | 0.0587 | 0.0661 | 11.7 | 17 | 117 | WG328143 |
| p-Isopropyltoluene | mg/l | 0.0524 | 0.0552 | 5.24 | 18 | 105 | WG328143 |
| sec-Butylbenzene | mg/l | 0.0518 | 0.0552 | 6.25 | 18 | 104 | WG328143 |
| Styrene | mg/l | 0.0496 | 0.0526 | 5.93 | 17 | 99 | WG328143 |
| tert-Butylbenzene | mg/l | 0.0514 | 0.0545 | 5.95 | 17 | 103 | WG328143 |
| Tetrachloroethene | mg/l | 0.0514 | 0.0544 | 5.62 | 18 | 103 | WG328143 |
| Toluene | mg/l | 0.0479 | 0.0509 | 6.05 | 18 | 96 | WG328143 |
| trans-1,2-Dichloroethene | mg/l | 0.0467 | 0.0496 | 5.96 | 22 | 93 | WG328143 |
| trans-1,3-Dichloropropene | mg/l | 0.0478 | 0.0500 | 4.58 | 18 | 96 | WG328143 |
| Trichloroethene | mg/l | 0.0482 | 0.0517 | 7.10 | 16 | 96 | WG328143 |
| Trichlorofluoromethane | mg/l | 0.0551 | 0.0587 | 6.24 | 19 | 110 | WG328143 |
| Vinyl chloride | mg/l | 0.0512 | 0.0557 | 8.31 | 17 | 102 | WG328143 |
| Xylenes, Total | mg/l | 0.150 | 0.159 | 5.81 | 17 | 100 | WG328143 |
| Acetone | mg/kg | 0.249 | 0.265 | 6.20 | 31 | 100 | WG328157 |
| Ethylbenzene | mg/kg | 0.0623 | 0.0580 | 7.17 | 15 | 125 | WG328157 |
| Xylenes, Total | mg/kg | 0.169 | 0.157 | 7.53 | 14 | 113 | WG328157 |
| 1,1,1-Trichloroethane | mg/kg | 0.0538 | 0.0507 | 5.93 | 25 | 108 | WG328297 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0560 | 0.0534 | 4.80 | 25 | 112 | WG328297 |
| 1,1,2-Trichloroethane | mg/kg | 0.0549 | 0.0540 | 1.63 | 25 | 110 | WG328297 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0540 | 0.0506 | 6.57 | 25 | 108 | WG328297 |
| 1,1-Dichloroethane | mg/kg | 0.0532 | 0.0503 | 5.73 | 25 | 106 | WG328297 |
| 1,1-Dichloroethene | mg/kg | 0.0546 | 0.0493 | 10.2 | 25 | 109 | WG328297 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0551 | 0.0518 | 6.26 | 25 | 110 | WG328297 |
| 1,2-Dibromoethane | mg/kg | 0.0544 | 0.0527 | 3.21 | 25 | 109 | WG328297 |
| 1,2-Dichlorobenzene | mg/kg | 0.0507 | 0.0492 | 3.01 | 25 | 101 | WG328297 |
| 1,2-Dichloroethane | mg/kg | 0.0568 | 0.0544 | 4.33 | 25 | 114 | WG328297 |
| 1,2-Dichloropropane | mg/kg | 0.0514 | 0.0498 | 3.17 | 25 | 103 | WG328297 |
| 1,3-Dichlorobenzene | mg/kg | 0.0521 | 0.0506 | 2.88 | 25 | 104 | WG328297 |
| 1,4-Dichlorobenzene | mg/kg | 0.0492 | 0.0507 | 3.11 | 25 | 98 | WG328297 |
| 2-Butanone (MEK) | mg/kg | 0.252 | 0.242 | 3.87 | 25 | 101 | WG328297 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.309 | 0.295 | 4.52 | 25 | 123 | WG328297 |
| Acetone | mg/kg | 0.280 | 0.262 | 6.30 | 25 | 112 | WG328297 |
| Benzene | mg/kg | 0.0548 | 0.0514 | 6.40 | 25 | 110 | WG328297 |
| Bromobenzene | mg/kg | 0.0518 | 0.0504 | 2.79 | 25 | 104 | WG328297 |
| Bromodichloromethane | mg/kg | 0.0544 | 0.0507 | 7.07 | 25 | 109 | WG328297 |
| Bromoform | mg/kg | 0.0505 | 0.0487 | 3.60 | 25 | 101 | WG328297 |
| Bromomethane | mg/kg | 0.0581 | 0.0522 | 10.7 | 25 | 116 | WG328297 |
| Carbon tetrachloride | mg/kg | 0.0526 | 0.0527 | 0.197 | 25 | 105 | WG328297 |
| Chlorobenzene | mg/kg | 0.0514 | 0.0508 | 1.01 | 25 | 103 | WG328297 |
| Chlorodibromomethane | mg/kg | 0.0543 | 0.0530 | 2.43 | 25 | 109 | WG328297 |
| Chloroethane | mg/kg | 0.0665 | 0.0597 | 10.7 | 25 | 133 | WG328297 |
| Chloroform | mg/kg | 0.0538 | 0.0506 | 6.19 | 25 | 108 | WG328297 |
| Chloromethane | mg/kg | 0.0501 | 0.0482 | 3.73 | 25 | 100 | WG328297 |
| cis-1,2-Dichloroethene | mg/kg | 0.0544 | 0.0509 | 6.76 | 25 | 109 | WG328297 |
| cis-1,3-Dichloropropene | mg/kg | 0.0544 | 0.0524 | 3.70 | 25 | 109 | WG328297 |
| Di-isopropyl ether | mg/kg | 0.0565 | 0.0542 | 4.11 | 25 | 113 | WG328297 |
| Ethylbenzene | mg/kg | 0.0514 | 0.0491 | 4.45 | 25 | 103 | WG328297 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

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|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | mg/kg | 0.0590 | 0.0564 | 4.42 | 25 | 118 | WG328297 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Methylene Chloride | mg/kg | 0.0528 | 0.0498 | 5.78 | 25 | 106 | WG328297 |
| Naphthalene | mg/kg | 0.0529 | 0.0518 | 2.07 | 25 | 106 | WG328297 |
| Styrene | mg/kg | 0.0517 | 0.0511 | 1.27 | 25 | 103 | WG328297 |
| Tetrachloroethene | mg/kg | 0.0521 | 0.0480 | 8.18 | 25 | 104 | WG328297 |
| Toluene | mg/kg | 0.0527 | 0.0495 | 6.34 | 25 | 105 | WG328297 |
| trans-1,2-Dichloroethene | mg/kg | 0.0529 | 0.0498 | 6.00 | 25 | 106 | WG328297 |
| trans-1,3-Dichloropropene | mg/kg | 0.0569 | 0.0547 | 3.98 | 25 | 114 | WG328297 |
| Trichloroethene | mg/kg | 0.0565 | 0.0515 | 9.09 | 25 | 113 | WG328297 |
| Vinyl chloride | mg/kg | 0.0558 | 0.0514 | 8.14 | 25 | 112 | WG328297 |
| Ethylbenzene | mg/kg | 0.0488 | 0.0479 | 1.98 | 15 | 98 | WG328472 |
| Xylenes, Total | mg/kg | 0.145 | 0.143 | 1.41 | 14 | 97 | WG328472 |

Matrix Spike

| Analyte | Units | MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | mg/l | 0.0463 | 0.00 | .05 | 92.5 | 57-133 | L317159-08 | WG328006 |
| 1,1,1-Trichloroethane | mg/l | 0.0401 | 0.00 | .05 | 80.2 | 54-143 | L317159-08 | WG328006 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.0519 | 0.00 | .05 | 104. | 58-134 | L317159-08 | WG328006 |
| 1,1,2-Trichloroethane | mg/l | 0.0482 | 0.00 | .05 | 96.4 | 58-125 | L317159-08 | WG328006 |
| 1,1-Dichloroethane | mg/l | 0.0436 | 0.00 | .05 | 87.1 | 53-136 | L317159-08 | WG328006 |
| 1,1-Dichloroethene | mg/l | 0.0635 | 0.00 | .05 | 127. | 58-145 | L317159-08 | WG328006 |
| 1,1-Dichloropropene | mg/l | 0.0410 | 0.00 | .05 | 81.9 | 58-126 | L317159-08 | WG328006 |
| 1,2,3-Trichlorobenzene | mg/l | 0.0371 | 0.00 | .05 | 74.3 | 48-127 | L317159-08 | WG328006 |
| 1,2,3-Trichloropropane | mg/l | 0.0508 | 0.00 | .05 | 102. | 57-145 | L317159-08 | WG328006 |
| 1,2,4-Trichlorobenzene | mg/l | 0.0328 | 0.00 | .05 | 65.6 | 41-127 | L317159-08 | WG328006 |
| 1,2,4-Trimethylbenzene | mg/l | 0.0412 | 0.00 | .05 | 82.5 | 52-125 | L317159-08 | WG328006 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.0478 | 0.00 | .05 | 95.5 | 44-138 | L317159-08 | WG328006 |
| 1,2-Dibromoethane | mg/l | 0.0473 | 0.00 | .05 | 94.6 | 64-126 | L317159-08 | WG328006 |
| 1,2-Dichlorobenzene | mg/l | 0.0417 | 0.00 | .05 | 83.4 | 50-127 | L317159-08 | WG328006 |
| 1,2-Dichloroethane | mg/l | 0.0464 | 0.00 | .05 | 92.7 | 54-145 | L317159-08 | WG328006 |
| 1,2-Dichloropropane | mg/l | 0.0448 | 0.00 | .05 | 89.5 | 55-135 | L317159-08 | WG328006 |
| 1,3,5-Trimethylbenzene | mg/l | 0.0423 | 0.00 | .05 | 84.5 | 54-125 | L317159-08 | WG328006 |
| 1,3-Dichlorobenzene | mg/l | 0.0419 | 0.00 | .05 | 83.7 | 47-128 | L317159-08 | WG328006 |
| 1,3-Dichloropropane | mg/l | 0.0462 | 0.00 | .05 | 92.3 | 64-125 | L317159-08 | WG328006 |
| 1,4-Dichlorobenzene | mg/l | 0.0399 | 0.00 | .05 | 79.9 | 47-123 | L317159-08 | WG328006 |
| 2,2-Dichloropropane | mg/l | 0.0296 | 0.00 | .05 | 59.2 | 44-143 | L317159-08 | WG328006 |
| 2-Butanone (MEK) | mg/l | 0.226 | 0.00 | .25 | 90.5 | 47-133 | L317159-08 | WG328006 |
| 2-Chloroethyl vinyl ether | mg/l | 0.0004 | 0.00 | .25 | 0.1 | 28-148 | L317159-08 | WG328006 |
| 2-Chlorotoluene | mg/l | 0.0417 | 0.00 | .05 | 83.4 | 51-135 | L317159-08 | WG328006 |
| 4-Chlorotoluene | mg/l | 0.0395 | 0.00 | .05 | 78.9 | 57-123 | L317159-08 | WG328006 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.257 | 0.00 | .25 | 103. | 45-144 | L317159-08 | WG328006 |
| Acetone | mg/l | 0.328 | 0.00 | .25 | 131. | 25-158 | L317159-08 | WG328006 |
| Acrolein | mg/l | 0.272 | 0.00 | .25 | 109. | 25-128 | L317159-08 | WG328006 |
| Acrylonitrile | mg/l | 0.239 | 0.00 | .25 | 95.7 | 39-136 | L317159-08 | WG328006 |
| Benzene | mg/l | 0.0443 | 0.00 | .05 | 88.5 | 51-134 | L317159-08 | WG328006 |
| Bromobenzene | mg/l | 0.0431 | 0.00 | .05 | 86.2 | 60-131 | L317159-08 | WG328006 |
| Bromodichloromethane | mg/l | 0.0444 | 0.00 | .05 | 88.9 | 54-139 | L317159-08 | WG328006 |
| Bromoform | mg/l | 0.0425 | 0.00 | .05 | 85.0 | 52-144 | L317159-08 | WG328006 |
| Bromomethane | mg/l | 0.106 | 0.00 | .05 | 213. | 21-131 | L317159-08 | WG328006 |
| Carbon tetrachloride | mg/l | 0.0399 | 0.00 | .05 | 79.9 | 51-147 | L317159-08 | WG328006 |
| Chlorobenzene | mg/l | 0.0450 | 0.00 | .05 | 90.0 | 59-125 | L317159-08 | WG328006 |
| Chlorodibromomethane | mg/l | 0.0482 | 0.00 | .05 | 96.4 | 57-133 | L317159-08 | WG328006 |
| Chloroethane | mg/l | 0.0646 | 0.00 | .05 | 129. | 38-153 | L317159-08 | WG328006 |
| Chloroform | mg/l | 0.0436 | 0.00 | .05 | 87.2 | 55-133 | L317159-08 | WG328006 |
| Chloromethane | mg/l | 0.0431 | 0.00 | .05 | 86.2 | 39-135 | L317159-08 | WG328006 |
| cis-1,2-Dichloroethene | mg/l | 0.0453 | 0.00 | .05 | 90.6 | 64-126 | L317159-08 | WG328006 |
| cis-1,3-Dichloropropene | mg/l | 0.0404 | 0.00 | .05 | 80.8 | 54-122 | L317159-08 | WG328006 |
| Di-isopropyl ether | mg/l | 0.0462 | 0.00 | .05 | 92.3 | 53-132 | L317159-08 | WG328006 |

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Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Dibromomethane | mg/l | 0.0479 | 0.00 | .05 | 95.8 | 61-132 | L317159-08 | WG328006 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | mg/l | 0.0417 | 0.00 | .05 | 83.4 | 26-153 | L317159-08 | WG328006 |
| Ethylbenzene | mg/l | 0.0435 | 0.00 | .05 | 87.0 | 55-125 | L317159-08 | WG328006 |
| Hexachlorobutadiene | mg/l | 0.0332 | 0.00 | .05 | 66.4 | 51-109 | L317159-08 | WG328006 |
| Isopropylbenzene | mg/l | 0.0427 | 0.00 | .05 | 85.4 | 59-127 | L317159-08 | WG328006 |
| Methyl tert-butyl ether | mg/l | 0.0477 | 0.00 | .05 | 95.4 | 50-137 | L317159-08 | WG328006 |
| Methylene Chloride | mg/l | 0.0636 | 0.00 | .05 | 127. | 44-143 | L317159-08 | WG328006 |
| n-Butylbenzene | mg/l | 0.0377 | 0.00 | .05 | 75.5 | 47-124 | L317159-08 | WG328006 |
| n-Propylbenzene | mg/l | 0.0422 | 0.00 | .05 | 84.4 | 53-124 | L317159-08 | WG328006 |
| Naphthalene | mg/l | 0.0441 | 0.00 | .05 | 88.2 | 45-141 | L317159-08 | WG328006 |
| p-Isopropyltoluene | mg/l | 0.0415 | 0.00 | .05 | 83.0 | 52-126 | L317159-08 | WG328006 |
| sec-Butylbenzene | mg/l | 0.0431 | 0.00 | .05 | 86.3 | 54-127 | L317159-08 | WG328006 |
| Styrene | mg/l | 0.0437 | 0.00 | .05 | 87.4 | 55-121 | L317159-08 | WG328006 |
| tert-Butylbenzene | mg/l | 0.0426 | 0.00 | .05 | 85.3 | 57-128 | L317159-08 | WG328006 |
| Tetrachloroethene | mg/l | 0.0405 | 0.00 | .05 | 81.0 | 53-128 | L317159-08 | WG328006 |
| Toluene | mg/l | 0.0418 | 0.00 | .05 | 83.6 | 57-126 | L317159-08 | WG328006 |
| trans-1,2-Dichloroethene | mg/l | 0.0516 | 0.00 | .05 | 103. | 52-139 | L317159-08 | WG328006 |
| trans-1,3-Dichloropropene | mg/l | 0.0425 | 0.00 | .05 | 84.9 | 48-113 | L317159-08 | WG328006 |
| Trichloroethene | mg/l | 0.0417 | 0.00 | .05 | 83.5 | 57-135 | L317159-08 | WG328006 |
| Trichlorofluoromethane | mg/l | 0.0694 | 0.00 | .05 | 139. | 42-134 | L317159-08 | WG328006 |
| Vinyl chloride | mg/l | 0.0567 | 0.00 | .05 | 113. | 44-132 | L317159-08 | WG328006 |
| Xylenes, Total | mg/l | 0.130 | 0.00 | .15 | 86.4 | 54-129 | L317159-08 | WG328006 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.213 | 0.00 | .05 | 85.3 | 56-123 | L316834-01 | WG328058 |
| 1,1,1-Trichloroethane | mg/kg | 0.216 | 0.00 | .05 | 86.3 | 53-139 | L316834-01 | WG328058 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.201 | 0.0006 | .05 | 80.1 | 37-133 | L316834-01 | WG328058 |
| 1,1,2-Trichloroethane | mg/kg | 0.219 | 0.00 | .05 | 87.5 | 61-113 | L316834-01 | WG328058 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.212 | 0.00 | .05 | 84.8 | 56-115 | L316834-01 | WG328058 |
| 1,1-Dichloroethane | mg/kg | 0.217 | 0.00 | .05 | 86.8 | 64-127 | L316834-01 | WG328058 |
| 1,1-Dichloroethene | mg/kg | 0.217 | 0.00 | .05 | 86.9 | 64-126 | L316834-01 | WG328058 |
| 1,1-Dichloropropene | mg/kg | 0.197 | 0.00 | .05 | 78.8 | 55-108 | L316834-01 | WG328058 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.222 | 0.0008 | .05 | 88.4 | 30-113 | L316834-01 | WG328058 |
| 1,2,3-Trichloropropane | mg/kg | 0.186 | 0.00 | .05 | 74.4 | 47-138 | L316834-01 | WG328058 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.220 | 0.00 | .05 | 87.9 | 30-104 | L316834-01 | WG328058 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.234 | 0.0090 | .05 | 90.0 | 38-108 | L316834-01 | WG328058 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.174 | 0.00 | .05 | 69.6 | 39-135 | L316834-01 | WG328058 |
| 1,2-Dibromoethane | mg/kg | 0.208 | 0.00 | .05 | 83.3 | 57-120 | L316834-01 | WG328058 |
| 1,2-Dichlorobenzene | mg/kg | 0.207 | 0.0005 | .05 | 82.5 | 36-110 | L316834-01 | WG328058 |
| 1,2-Dichloroethane | mg/kg | 0.194 | 0.00 | .05 | 77.7 | 46-147 | L316834-01 | WG328058 |
| 1,2-Dichloropropane | mg/kg | 0.226 | 0.00 | .05 | 90.6 | 63-124 | L316834-01 | WG328058 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.223 | 0.0072 | .05 | 86.4 | 39-106 | L316834-01 | WG328058 |
| 1,3-Dichlorobenzene | mg/kg | 0.214 | 0.00 | .05 | 85.5 | 31-109 | L316834-01 | WG328058 |
| 1,3-Dichloropropane | mg/kg | 0.205 | 0.00 | .05 | 82.2 | 65-116 | L316834-01 | WG328058 |
| 1,4-Dichlorobenzene | mg/kg | 0.189 | 0.0006 | .05 | 75.1 | 32-102 | L316834-01 | WG328058 |
| 2,2-Dichloropropane | mg/kg | 0.201 | 0.00 | .05 | 80.4 | 49-138 | L316834-01 | WG328058 |
| 2-Butanone (MEK) | mg/kg | 0.706 | 0.00 | .25 | 56.5 | 43-137 | L316834-01 | WG328058 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.570 | 0.00 | .25 | 45.6 | 40-138 | L316834-01 | WG328058 |
| 2-Chlorotoluene | mg/kg | 0.211 | 0.0011 | .05 | 84.0 | 45-111 | L316834-01 | WG328058 |
| 4-Chlorotoluene | mg/kg | 0.210 | 0.0004 | .05 | 83.8 | 38-106 | L316834-01 | WG328058 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.943 | 0.0043 | .25 | 75.1 | 47-133 | L316834-01 | WG328058 |
| Acetone | mg/kg | 0.987 | 0.177 | .25 | 64.8 | 33-148 | L316834-01 | WG328058 |
| Acrylonitrile | mg/kg | 0.858 | 0.00 | .25 | 68.6 | 40-126 | L316834-01 | WG328058 |
| Benzene | mg/kg | 0.211 | 0.00 | .05 | 84.6 | 54-119 | L316834-01 | WG328058 |
| Bromobenzene | mg/kg | 0.205 | 0.0004 | .05 | 82.0 | 45-116 | L316834-01 | WG328058 |
| Bromodichloromethane | mg/kg | 0.218 | 0.0007 | .05 | 87.0 | 51-125 | L316834-01 | WG328058 |
| Bromoform | mg/kg | 0.193 | 0.00 | .05 | 77.0 | 44-135 | L316834-01 | WG328058 |
| Bromomethane | mg/kg | 0.229 | 0.00 | .05 | 91.6 | 30-113 | L316834-01 | WG328058 |
| Carbon tetrachloride | mg/kg | 0.200 | 0.00 | .05 | 80.1 | 47-133 | L316834-01 | WG328058 |
| Chlorobenzene | mg/kg | 0.221 | 0.00 | .05 | 88.3 | 53-110 | L316834-01 | WG328058 |
| Chlorodibromomethane | mg/kg | 0.207 | 0.00 | .05 | 82.8 | 53-125 | L316834-01 | WG328058 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Chloroethane | mg/kg | 0.222 | 0.00 | .05 | 88.6 | 42-149 | L316834-01 | WG328058 |
| Chloroform | mg/kg | 0.220 | 0.0024 | .05 | 87.0 | 61-127 | L316834-01 | WG328058 |
| Chloromethane | mg/kg | 0.179 | 0.00 | .05 | 71.5 | 35-140 | L316834-01 | WG328058 |
| cis-1,2-Dichloroethene | mg/kg | 0.214 | 0.00 | .05 | 85.5 | 67-120 | L316834-01 | WG328058 |
| cis-1,3-Dichloropropene | mg/kg | 0.220 | 0.00 | .05 | 88.0 | 53-113 | L316834-01 | WG328058 |
| Di-isopropyl ether | mg/kg | 0.225 | 0.00 | .05 | 90.1 | 53-132 | L316834-01 | WG328058 |
| Dibromomethane | mg/kg | 0.195 | 0.00 | .05 | 78.2 | 57-126 | L316834-01 | WG328058 |
| Dichlorodifluoromethane | mg/kg | 0.162 | 0.00 | .05 | 64.9 | 34-140 | L316834-01 | WG328058 |
| Ethylbenzene | mg/kg | 0.214 | 0.00 | .05 | 85.5 | 47-111 | L316834-01 | WG328058 |
| Hexachlorobutadiene | mg/kg | 0.209 | 0.00 | .05 | 83.6 | 30-91 | L316834-01 | WG328058 |
| Isopropylbenzene | mg/kg | 0.224 | 0.0004 | .05 | 89.5 | 49-110 | L316834-01 | WG328058 |
| Methyl tert-butyl ether | mg/kg | 0.202 | 0.00 | .05 | 80.8 | 63-131 | L316834-01 | WG328058 |
| Methylene Chloride | mg/kg | 0.228 | 0.0022 | .05 | 90.1 | 54-123 | L316834-01 | WG328058 |
| n-Butylbenzene | mg/kg | 0.228 | 0.0033 | .05 | 89.8 | 36-94 | L316834-01 | WG328058 |
| n-Propylbenzene | mg/kg | 0.208 | 0.0014 | .05 | 82.6 | 43-101 | L316834-01 | WG328058 |
| Naphthalene | mg/kg | 0.187 | 0.00 | .05 | 74.7 | 33-125 | L316834-01 | WG328058 |
| p-Isopropyltoluene | mg/kg | 0.211 | 0.0006 | .05 | 84.1 | 34-105 | L316834-01 | WG328058 |
| sec-Butylbenzene | mg/kg | 0.222 | 0.0013 | .05 | 88.1 | 37-105 | L316834-01 | WG328058 |
| Styrene | mg/kg | 0.226 | 0.00 | .05 | 90.3 | 43-107 | L316834-01 | WG328058 |
| tert-Butylbenzene | mg/kg | 0.222 | 0.0012 | .05 | 88.1 | 45-112 | L316834-01 | WG328058 |
| Tetrachloroethene | mg/kg | 0.197 | 0.00 | .05 | 79.0 | 40-114 | L316834-01 | WG328058 |
| Toluene | mg/kg | 0.203 | 0.00 | .05 | 81.4 | 54-109 | L316834-01 | WG328058 |
| trans-1,2-Dichloroethene | mg/kg | 0.198 | 0.00 | .05 | 79.3 | 58-118 | L316834-01 | WG328058 |
| trans-1,3-Dichloropropene | mg/kg | 0.212 | 0.00 | .05 | 84.7 | 41-107 | L316834-01 | WG328058 |
| Trichloroethene | mg/kg | 0.202 | 0.00 | .05 | 80.9 | 56-119 | L316834-01 | WG328058 |
| Trichlorofluoromethane | mg/kg | 0.204 | 0.00 | .05 | 81.6 | 39-126 | L316834-01 | WG328058 |
| Vinyl chloride | mg/kg | 0.206 | 0.00 | .05 | 82.5 | 39-127 | L316834-01 | WG328058 |
| Xylenes, Total | mg/kg | 0.658 | 0.00 | .15 | 87.7 | 51-107 | L316834-01 | WG328058 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0382 | 0.00 | .05 | 76.4 | 56-123 | L317156-03 | WG328082 |
| 1,1,1-Trichloroethane | mg/kg | 0.0328 | 0.00 | .05 | 65.7 | 53-139 | L317156-03 | WG328082 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0359 | 0.00 | .05 | 71.9 | 37-133 | L317156-03 | WG328082 |
| 1,1,2-Trichloroethane | mg/kg | 0.0366 | 0.00 | .05 | 73.2 | 61-113 | L317156-03 | WG328082 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0307 | 0.00 | .05 | 61.5 | 56-115 | L317156-03 | WG328082 |
| 1,1-Dichloroethane | mg/kg | 0.0334 | 0.00 | .05 | 66.9 | 64-127 | L317156-03 | WG328082 |
| 1,1-Dichloroethene | mg/kg | 0.0315 | 0.00 | .05 | 63.1 | 64-126 | L317156-03 | WG328082 |
| 1,1-Dichloropropene | mg/kg | 0.0278 | 0.00 | .05 | 55.6 | 55-108 | L317156-03 | WG328082 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0154 | 0.00 | .05 | 30.9 | 30-113 | L317156-03 | WG328082 |
| 1,2,3-Trichloropropane | mg/kg | 0.0365 | 0.00 | .05 | 73.1 | 47-138 | L317156-03 | WG328082 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0150 | 0.00 | .05 | 30.0 | 30-104 | L317156-03 | WG328082 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0260 | 0.00 | .05 | 52.1 | 38-108 | L317156-03 | WG328082 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0327 | 0.00 | .05 | 65.4 | 39-135 | L317156-03 | WG328082 |
| 1,2-Dibromoethane | mg/kg | 0.0294 | 0.00 | .05 | 58.7 | 57-120 | L317156-03 | WG328082 |
| 1,2-Dichlorobenzene | mg/kg | 0.0214 | 0.00 | .05 | 42.8 | 36-110 | L317156-03 | WG328082 |
| 1,2-Dichloroethane | mg/kg | 0.0271 | 0.00 | .05 | 54.2 | 46-147 | L317156-03 | WG328082 |
| 1,2-Dichloropropane | mg/kg | 0.0356 | 0.00 | .05 | 71.2 | 63-124 | L317156-03 | WG328082 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0275 | 0.00 | .05 | 55.0 | 39-106 | L317156-03 | WG328082 |
| 1,3-Dichlorobenzene | mg/kg | 0.0205 | 0.00 | .05 | 40.9 | 31-109 | L317156-03 | WG328082 |
| 1,3-Dichloropropane | mg/kg | 0.0304 | 0.00 | .05 | 60.8 | 65-116 | L317156-03 | WG328082 |
| 1,4-Dichlorobenzene | mg/kg | 0.0203 | 0.00 | .05 | 40.5 | 32-102 | L317156-03 | WG328082 |
| 2,2-Dichloropropane | mg/kg | 0.0327 | 0.00 | .05 | 65.5 | 49-138 | L317156-03 | WG328082 |
| 2-Butanone (MEK) | mg/kg | 0.260 | 0.00 | .25 | 104. | 43-137 | L317156-03 | WG328082 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.00 | 0.00 | .25 | 0.0 | 40-138 | L317156-03 | WG328082 |
| 2-Chlorotoluene | mg/kg | 0.0242 | 0.00 | .05 | 48.4 | 45-111 | L317156-03 | WG328082 |
| 4-Chlorotoluene | mg/kg | 0.0213 | 0.00 | .05 | 42.6 | 38-106 | L317156-03 | WG328082 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.257 | 0.00 | .25 | 103. | 47-133 | L317156-03 | WG328082 |
| Acetone | mg/kg | 0.292 | 0.00 | .25 | 117. | 33-148 | L317156-03 | WG328082 |
| Acrylonitrile | mg/kg | 0.207 | 0.00 | .25 | 82.8 | 40-126 | L317156-03 | WG328082 |
| Benzene | mg/kg | 0.0340 | 0.00 | .05 | 68.1 | 54-119 | L317156-03 | WG328082 |
| Bromobenzene | mg/kg | 0.0221 | 0.00 | .05 | 44.1 | 45-116 | L317156-03 | WG328082 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | mg/kg | 0.0315 | 0.00 | .05 | 63.0 | 51-125 | L317156-03 | WG328082 |
| Bromoform | mg/kg | 0.0285 | 0.00 | .05 | 57.0 | 44-135 | L317156-03 | WG328082 |
| Bromomethane | mg/kg | 0.0196 | 0.00 | .05 | 39.2 | 30-113 | L317156-03 | WG328082 |
| Carbon tetrachloride | mg/kg | 0.0324 | 0.00 | .05 | 64.8 | 47-133 | L317156-03 | WG328082 |
| Chlorobenzene | mg/kg | 0.0278 | 0.00 | .05 | 55.6 | 53-110 | L317156-03 | WG328082 |
| Chlorodibromomethane | mg/kg | 0.0332 | 0.00 | .05 | 66.4 | 53-125 | L317156-03 | WG328082 |
| Chloroethane | mg/kg | 0.0305 | 0.00 | .05 | 61.0 | 42-149 | L317156-03 | WG328082 |
| Chloroform | mg/kg | 0.0323 | 0.00 | .05 | 64.6 | 61-127 | L317156-03 | WG328082 |
| Chloromethane | mg/kg | 0.0375 | 0.00 | .05 | 74.9 | 35-140 | L317156-03 | WG328082 |
| cis-1,2-Dichloroethene | mg/kg | 0.0313 | 0.00 | .05 | 62.7 | 67-120 | L317156-03 | WG328082 |
| cis-1,3-Dichloropropene | mg/kg | 0.0259 | 0.00 | .05 | 51.8 | 53-113 | L317156-03 | WG328082 |
| Di-isopropyl ether | mg/kg | 0.0370 | 0.00 | .05 | 74.1 | 53-132 | L317156-03 | WG328082 |
| Dibromomethane | mg/kg | 0.0297 | 0.00 | .05 | 59.3 | 57-126 | L317156-03 | WG328082 |
| Dichlorodifluoromethane | mg/kg | 0.0209 | 0.00 | .05 | 41.7 | 34-140 | L317156-03 | WG328082 |
| Ethylbenzene | mg/kg | 0.0394 | 0.00 | .05 | 78.7 | 47-111 | L317156-03 | WG328082 |
| Hexachlorobutadiene | mg/kg | 0.0190 | 0.00 | .05 | 37.9 | 30-91 | L317156-03 | WG328082 |
| Isopropylbenzene | mg/kg | 0.0318 | 0.00 | .05 | 63.5 | 49-110 | L317156-03 | WG328082 |
| Methyl tert-butyl ether | mg/kg | 0.0439 | 0.00 | .05 | 87.9 | 63-131 | L317156-03 | WG328082 |
| Methylene Chloride | mg/kg | 0.0319 | 0.00 | .05 | 63.7 | 54-123 | L317156-03 | WG328082 |
| n-Butylbenzene | mg/kg | 0.0213 | 0.00 | .05 | 42.6 | 36-94 | L317156-03 | WG328082 |
| n-Propylbenzene | mg/kg | 0.0265 | 0.00 | .05 | 52.9 | 43-101 | L317156-03 | WG328082 |
| Naphthalene | mg/kg | 0.0187 | 0.00 | .05 | 37.3 | 33-125 | L317156-03 | WG328082 |
| p-Isopropyltoluene | mg/kg | 0.0278 | 0.00 | .05 | 55.6 | 34-105 | L317156-03 | WG328082 |
| sec-Butylbenzene | mg/kg | 0.0290 | 0.00 | .05 | 57.9 | 37-105 | L317156-03 | WG328082 |
| Styrene | mg/kg | 0.0196 | 0.00 | .05 | 39.2 | 43-107 | L317156-03 | WG328082 |
| tert-Butylbenzene | mg/kg | 0.0326 | 0.00 | .05 | 65.2 | 45-112 | L317156-03 | WG328082 |
| Tetrachloroethene | mg/kg | 0.0303 | 0.00 | .05 | 60.6 | 40-114 | L317156-03 | WG328082 |
| Toluene | mg/kg | 0.0306 | 0.00 | .05 | 61.3 | 54-109 | L317156-03 | WG328082 |
| trans-1,2-Dichloroethene | mg/kg | 0.0285 | 0.00 | .05 | 57.1 | 58-118 | L317156-03 | WG328082 |
| trans-1,3-Dichloropropene | mg/kg | 0.0230 | 0.00 | .05 | 46.1 | 41-107 | L317156-03 | WG328082 |
| Trichloroethene | mg/kg | 0.0314 | 0.00 | .05 | 62.9 | 56-119 | L317156-03 | WG328082 |
| Trichlorofluoromethane | mg/kg | 0.0286 | 0.00 | .05 | 57.2 | 39-126 | L317156-03 | WG328082 |
| Vinyl chloride | mg/kg | 0.0290 | 0.00 | .05 | 58.1 | 39-127 | L317156-03 | WG328082 |
| Xylenes, Total | mg/kg | 0.138 | 0.00 | .15 | 91.7 | 51-107 | L317156-03 | WG328082 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 1.61 | 0.00 | .05 | 124. | 56-123 | L317163-08 | WG328092 |
| 1,1,1-Trichloroethane | mg/kg | 1.07 | 0.00 | .05 | 82.7 | 53-139 | L317163-08 | WG328092 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 1.50 | 0.00 | .05 | 115. | 37-133 | L317163-08 | WG328092 |
| 1,1,2-Trichloroethane | mg/kg | 1.47 | 0.00 | .05 | 113. | 61-113 | L317163-08 | WG328092 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.991 | 0.00 | .05 | 76.3 | 56-115 | L317163-08 | WG328092 |
| 1,1-Dichloroethane | mg/kg | 1.16 | 0.00 | .05 | 89.1 | 64-127 | L317163-08 | WG328092 |
| 1,1-Dichloroethene | mg/kg | 1.09 | 0.00 | .05 | 83.8 | 64-126 | L317163-08 | WG328092 |
| 1,1-Dichloropropene | mg/kg | 1.04 | 0.00 | .05 | 79.9 | 55-108 | L317163-08 | WG328092 |
| 1,2,3-Trichlorobenzene | mg/kg | 1.48 | 0.00 | .05 | 114. | 30-113 | L317163-08 | WG328092 |
| 1,2,3-Trichloropropane | mg/kg | 1.47 | 0.00 | .05 | 113. | 47-138 | L317163-08 | WG328092 |
| 1,2,4-Trichlorobenzene | mg/kg | 1.42 | 0.00 | .05 | 109. | 30-104 | L317163-08 | WG328092 |
| 1,2,4-Trimethylbenzene | mg/kg | 1.50 | 0.00 | .05 | 116. | 38-108 | L317163-08 | WG328092 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 1.14 | 0.00 | .05 | 88.0 | 39-135 | L317163-08 | WG328092 |
| 1,2-Dibromoethane | mg/kg | 1.43 | 0.00 | .05 | 110. | 57-120 | L317163-08 | WG328092 |
| 1,2-Dichlorobenzene | mg/kg | 1.34 | 0.00 | .05 | 103. | 36-110 | L317163-08 | WG328092 |
| 1,2-Dichloroethane | mg/kg | 1.03 | 0.00 | .05 | 79.2 | 46-147 | L317163-08 | WG328092 |
| 1,2-Dichloropropane | mg/kg | 1.30 | 0.00 | .05 | 100. | 63-124 | L317163-08 | WG328092 |
| 1,3,5-Trimethylbenzene | mg/kg | 1.47 | 0.00 | .05 | 113. | 39-106 | L317163-08 | WG328092 |
| 1,3-Dichlorobenzene | mg/kg | 1.60 | 0.00 | .05 | 123. | 31-109 | L317163-08 | WG328092 |
| 1,3-Dichloropropane | mg/kg | 1.34 | 0.00 | .05 | 103. | 65-116 | L317163-08 | WG328092 |
| 1,4-Dichlorobenzene | mg/kg | 1.27 | 0.00 | .05 | 97.7 | 32-102 | L317163-08 | WG328092 |
| 2,2-Dichloropropane | mg/kg | 1.09 | 0.00 | .05 | 84.2 | 49-138 | L317163-08 | WG328092 |
| 2-Butanone (MEK) | mg/kg | 5.21 | 0.00 | .25 | 80.2 | 43-137 | L317163-08 | WG328092 |
| 2-Chloroethyl vinyl ether | mg/kg | 5.03 | 0.00 | .25 | 77.3 | 40-138 | L317163-08 | WG328092 |
| 2-Chlorotoluene | mg/kg | 1.39 | 0.00 | .05 | 107. | 45-111 | L317163-08 | WG328092 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4-Chlorotoluene | mg/kg | 1.42 | 0.00 | .05 | 109. | 38-106 | L317163-08 | WG328092 |

Matrix Spike

| Analyte | Units | MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 5.83 | 0.00 | .25 | 89.6 | 47-133 | L317163-08 | WG328092 |
| Acetone | mg/kg | 4.48 | 0.00 | .25 | 69.0 | 33-148 | L317163-08 | WG328092 |
| Acrylonitrile | mg/kg | 5.40 | 0.00 | .25 | 83.1 | 40-126 | L317163-08 | WG328092 |
| Benzene | mg/kg | 1.15 | 0.00 | .05 | 88.6 | 54-119 | L317163-08 | WG328092 |
| Bromobenzene | mg/kg | 1.43 | 0.00 | .05 | 110. | 45-116 | L317163-08 | WG328092 |
| Bromodichloromethane | mg/kg | 1.25 | 0.00 | .05 | 96.4 | 51-125 | L317163-08 | WG328092 |
| Bromoform | mg/kg | 1.45 | 0.00 | .05 | 111. | 44-135 | L317163-08 | WG328092 |
| Bromomethane | mg/kg | 0.223 | 0.00 | .05 | 17.2 | 30-113 | L317163-08 | WG328092 |
| Carbon tetrachloride | mg/kg | 1.09 | 0.00 | .05 | 83.8 | 47-133 | L317163-08 | WG328092 |
| Chlorobenzene | mg/kg | 1.47 | 0.00 | .05 | 113. | 53-110 | L317163-08 | WG328092 |
| Chlorodibromomethane | mg/kg | 1.57 | 0.00 | .05 | 120. | 53-125 | L317163-08 | WG328092 |
| Chloroethane | mg/kg | 0.129 | 0.00 | .05 | 9.9 | 42-149 | L317163-08 | WG328092 |
| Chloroform | mg/kg | 1.18 | 0.00 | .05 | 90.8 | 61-127 | L317163-08 | WG328092 |
| Chloromethane | mg/kg | 1.43 | 0.00 | .05 | 110. | 35-140 | L317163-08 | WG328092 |
| cis-1,2-Dichloroethene | mg/kg | 1.26 | 0.00 | .05 | 96.8 | 67-120 | L317163-08 | WG328092 |
| cis-1,3-Dichloropropene | mg/kg | 1.38 | 0.00 | .05 | 106. | 53-113 | L317163-08 | WG328092 |
| Di-isopropyl ether | mg/kg | 1.11 | 0.00 | .05 | 85.6 | 53-132 | L317163-08 | WG328092 |
| Dibromomethane | mg/kg | 1.26 | 0.00 | .05 | 96.7 | 57-126 | L317163-08 | WG328092 |
| Dichlorodifluoromethane | mg/kg | 0.675 | 0.00 | .05 | 52.0 | 34-140 | L317163-08 | WG328092 |
| Hexachlorobutadiene | mg/kg | 1.38 | 0.00 | .05 | 106. | 30-91 | L317163-08 | WG328092 |
| Isopropylbenzene | mg/kg | 1.45 | 0.00 | .05 | 112. | 49-110 | L317163-08 | WG328092 |
| Methyl tert-butyl ether | mg/kg | 1.18 | 0.00 | .05 | 91.1 | 63-131 | L317163-08 | WG328092 |
| Methylene Chloride | mg/kg | 1.10 | 0.00 | .05 | 84.7 | 54-123 | L317163-08 | WG328092 |
| n-Butylbenzene | mg/kg | 1.14 | 0.00 | .05 | 87.7 | 36-94 | L317163-08 | WG328092 |
| n-Propylbenzene | mg/kg | 1.38 | 0.00 | .05 | 107. | 43-101 | L317163-08 | WG328092 |
| Naphthalene | mg/kg | 1.42 | 0.00 | .05 | 109. | 33-125 | L317163-08 | WG328092 |
| p-Isopropyltoluene | mg/kg | 1.57 | 0.00 | .05 | 121. | 34-105 | L317163-08 | WG328092 |
| sec-Butylbenzene | mg/kg | 1.50 | 0.00 | .05 | 115. | 37-105 | L317163-08 | WG328092 |
| Styrene | mg/kg | 1.57 | 0.00 | .05 | 121. | 43-107 | L317163-08 | WG328092 |
| tert-Butylbenzene | mg/kg | 1.57 | 0.00 | .05 | 121. | 45-112 | L317163-08 | WG328092 |
| Tetrachloroethene | mg/kg | 1.29 | 0.00 | .05 | 99.6 | 40-114 | L317163-08 | WG328092 |
| Toluene | mg/kg | 1.17 | 0.00 | .05 | 90.4 | 54-109 | L317163-08 | WG328092 |
| trans-1,2-Dichloroethene | mg/kg | 1.07 | 0.00 | .05 | 82.6 | 58-118 | L317163-08 | WG328092 |
| trans-1,3-Dichloropropene | mg/kg | 1.40 | 0.00 | .05 | 108. | 41-107 | L317163-08 | WG328092 |
| Trichloroethene | mg/kg | 1.28 | 0.00 | .05 | 98.6 | 56-119 | L317163-08 | WG328092 |
| Trichlorofluoromethane | mg/kg | 0.745 | 0.00 | .05 | 57.3 | 39-126 | L317163-08 | WG328092 |
| Vinyl chloride | mg/kg | 1.10 | 0.00 | .05 | 84.9 | 39-127 | L317163-08 | WG328092 |
| Acetone | mg/kg | 15.4 | 0.00 | .25 | 123. | 33-148 | L317356-09 | WG328157 |
| Ethylbenzene | mg/kg | 2.69 | 0.00 | .05 | 108. | 47-111 | L317356-09 | WG328157 |
| Xylenes, Total | mg/kg | 7.60 | 0.575 | .15 | 93.7 | 51-107 | L317356-09 | WG328157 |
| Ethylbenzene | mg/kg | 0.0199 | 0.0055 | .05 | 28.7 | 47-111 | L317331-01 | WG328472 |
| Xylenes, Total | mg/kg | 0.0578 | 0.0110 | .15 | 31.2 | 51-107 | L317331-01 | WG328472 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | mg/l | 0.0493 | 0.0463 | 6.40 | 21 | 98.6 | L317159-08 | WG328006 |
| 1,1,1-Trichloroethane | mg/l | 0.0428 | 0.0401 | 6.50 | 22 | 85.6 | L317159-08 | WG328006 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.0534 | 0.0519 | 2.89 | 27 | 107. | L317159-08 | WG328006 |
| 1,1,2-Trichloroethane | mg/l | 0.0513 | 0.0482 | 6.28 | 19 | 103. | L317159-08 | WG328006 |
| 1,1-Dichloroethane | mg/l | 0.0457 | 0.0436 | 4.73 | 22 | 91.3 | L317159-08 | WG328006 |
| 1,1-Dichloroethene | mg/l | 0.0649 | 0.0635 | 2.12 | 22 | 130. | L317159-08 | WG328006 |
| 1,1-Dichloropropene | mg/l | 0.0440 | 0.0410 | 7.06 | 20 | 87.9 | L317159-08 | WG328006 |
| 1,2,3-Trichlorobenzene | mg/l | 0.0411 | 0.0371 | 10.2 | 26 | 82.3 | L317159-08 | WG328006 |
| 1,2,3-Trichloropropane | mg/l | 0.0533 | 0.0508 | 4.83 | 24 | 107. | L317159-08 | WG328006 |
| 1,2,4-Trichlorobenzene | mg/l | 0.0371 | 0.0328 | 12.3 | 26 | 74.2 | L317159-08 | WG328006 |
| 1,2,4-Trimethylbenzene | mg/l | 0.0433 | 0.0412 | 4.97 | 26 | 86.7 | L317159-08 | WG328006 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | Matrix Spike Duplicate MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.0519 | 0.0478 | 8.38 | 27 | 104. | L317159-08 | WG328006 |
| 1,2-Dibromoethane | mg/l | 0.0504 | 0.0473 | 6.28 | 19 | 101. | L317159-08 | WG328006 |
| 1,2-Dichlorobenzene | mg/l | 0.0452 | 0.0417 | 8.16 | 19 | 90.5 | L317159-08 | WG328006 |
| 1,2-Dichloroethane | mg/l | 0.0491 | 0.0464 | 5.77 | 21 | 98.2 | L317159-08 | WG328006 |
| 1,2-Dichloropropane | mg/l | 0.0482 | 0.0448 | 7.47 | 20 | 96.4 | L317159-08 | WG328006 |
| 1,3,5-Trimethylbenzene | mg/l | 0.0444 | 0.0423 | 5.02 | 27 | 88.9 | L317159-08 | WG328006 |
| 1,3-Dichlorobenzene | mg/l | 0.0443 | 0.0419 | 5.64 | 25 | 88.6 | L317159-08 | WG328006 |
| 1,3-Dichloropropane | mg/l | 0.0491 | 0.0462 | 6.20 | 19 | 98.2 | L317159-08 | WG328006 |
| 1,4-Dichlorobenzene | mg/l | 0.0438 | 0.0399 | 9.23 | 18 | 87.6 | L317159-08 | WG328006 |
| 2,2-Dichloropropane | mg/l | 0.0313 | 0.0296 | 5.39 | 19 | 62.5 | L317159-08 | WG328006 |
| 2-Butanone (MEK) | mg/l | 0.236 | 0.226 | 4.30 | 22 | 94.5 | L317159-08 | WG328006 |
| 2-Chloroethyl vinyl ether | mg/l | 0.0005 | 0.0004 | 5.77 | 18 | 0.204 | L317159-08 | WG328006 |
| 2-Chlorotoluene | mg/l | 0.0442 | 0.0417 | 5.77 | 28 | 88.4 | L317159-08 | WG328006 |
| 4-Chlorotoluene | mg/l | 0.0415 | 0.0395 | 5.17 | 25 | 83.1 | L317159-08 | WG328006 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.276 | 0.257 | 7.17 | 25 | 111. | L317159-08 | WG328006 |
| Acetone | mg/l | 0.344 | 0.328 | 4.79 | 33 | 138. | L317159-08 | WG328006 |
| Acrolein | mg/l | 0.278 | 0.272 | 2.04 | 15 | 111. | L317159-08 | WG328006 |
| Acrylonitrile | mg/l | 0.250 | 0.239 | 4.51 | 25 | 100. | L317159-08 | WG328006 |
| Benzene | mg/l | 0.0476 | 0.0443 | 7.17 | 18 | 95.1 | L317159-08 | WG328006 |
| Bromobenzene | mg/l | 0.0457 | 0.0431 | 5.86 | 22 | 91.4 | L317159-08 | WG328006 |
| Bromodichloromethane | mg/l | 0.0481 | 0.0444 | 7.95 | 19 | 96.3 | L317159-08 | WG328006 |
| Bromoform | mg/l | 0.0452 | 0.0425 | 6.16 | 21 | 90.4 | L317159-08 | WG328006 |
| Bromomethane | mg/l | 0.104 | 0.106 | 2.16 | 24 | 208. | L317159-08 | WG328006 |
| Carbon tetrachloride | mg/l | 0.0435 | 0.0399 | 8.49 | 23 | 86.9 | L317159-08 | WG328006 |
| Chlorobenzene | mg/l | 0.0484 | 0.0450 | 7.32 | 22 | 96.9 | L317159-08 | WG328006 |
| Chlorodibromomethane | mg/l | 0.0522 | 0.0482 | 7.99 | 19 | 104. | L317159-08 | WG328006 |
| Chloroethane | mg/l | 0.0658 | 0.0646 | 1.79 | 25 | 132. | L317159-08 | WG328006 |
| Chloroform | mg/l | 0.0462 | 0.0436 | 5.84 | 20 | 92.4 | L317159-08 | WG328006 |
| Chloromethane | mg/l | 0.0461 | 0.0431 | 6.79 | 23 | 92.3 | L317159-08 | WG328006 |
| cis-1,2-Dichloroethene | mg/l | 0.0473 | 0.0453 | 4.19 | 18 | 94.5 | L317159-08 | WG328006 |
| cis-1,3-Dichloropropene | mg/l | 0.0446 | 0.0404 | 9.97 | 22 | 89.3 | L317159-08 | WG328006 |
| Di-isopropyl ether | mg/l | 0.0487 | 0.0462 | 5.43 | 20 | 97.5 | L317159-08 | WG328006 |
| Dibromomethane | mg/l | 0.0507 | 0.0479 | 5.59 | 19 | 101. | L317159-08 | WG328006 |
| Dichlorodifluoromethane | mg/l | 0.0451 | 0.0417 | 7.86 | 25 | 90.2 | L317159-08 | WG328006 |
| Ethylbenzene | mg/l | 0.0470 | 0.0435 | 7.86 | 20 | 94.1 | L317159-08 | WG328006 |
| Hexachlorobutadiene | mg/l | 0.0369 | 0.0332 | 10.7 | 22 | 73.9 | L317159-08 | WG328006 |
| Isopropylbenzene | mg/l | 0.0453 | 0.0427 | 5.96 | 26 | 90.7 | L317159-08 | WG328006 |
| Methyl tert-butyl ether | mg/l | 0.0478 | 0.0477 | 0.282 | 21 | 95.7 | L317159-08 | WG328006 |
| Methylene Chloride | mg/l | 0.0656 | 0.0636 | 3.14 | 22 | 131. | L317159-08 | WG328006 |
| n-Butylbenzene | mg/l | 0.0404 | 0.0377 | 6.85 | 20 | 80.8 | L317159-08 | WG328006 |
| n-Propylbenzene | mg/l | 0.0448 | 0.0422 | 6.06 | 26 | 89.7 | L317159-08 | WG328006 |
| Naphthalene | mg/l | 0.0483 | 0.0441 | 8.98 | 25 | 96.5 | L317159-08 | WG328006 |
| p-Isopropyltoluene | mg/l | 0.0438 | 0.0415 | 5.37 | 20 | 87.6 | L317159-08 | WG328006 |
| sec-Butylbenzene | mg/l | 0.0451 | 0.0431 | 4.52 | 20 | 90.3 | L317159-08 | WG328006 |
| Styrene | mg/l | 0.0468 | 0.0437 | 6.80 | 27 | 93.6 | L317159-08 | WG328006 |
| tert-Butylbenzene | mg/l | 0.0454 | 0.0426 | 6.28 | 26 | 90.8 | L317159-08 | WG328006 |
| Tetrachloroethene | mg/l | 0.0423 | 0.0405 | 4.33 | 24 | 84.6 | L317159-08 | WG328006 |
| Toluene | mg/l | 0.0451 | 0.0418 | 7.70 | 26 | 90.3 | L317159-08 | WG328006 |
| trans-1,2-Dichloroethene | mg/l | 0.0543 | 0.0516 | 4.97 | 24 | 109. | L317159-08 | WG328006 |
| trans-1,3-Dichloropropene | mg/l | 0.0465 | 0.0425 | 9.11 | 22 | 93.0 | L317159-08 | WG328006 |
| Trichloroethene | mg/l | 0.0442 | 0.0417 | 5.81 | 23 | 88.5 | L317159-08 | WG328006 |
| Trichlorofluoromethane | mg/l | 0.0727 | 0.0694 | 4.59 | 21 | 145. | L317159-08 | WG328006 |
| Vinyl chloride | mg/l | 0.0587 | 0.0567 | 3.47 | 24 | 117. | L317159-08 | WG328006 |
| Xylenes, Total | mg/l | 0.138 | 0.130 | 5.91 | 24 | 91.7 | L317159-08 | WG328006 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.196 | 0.213 | 8.62 | 18 | 78.3 | L316834-01 | WG328058 |
| 1,1,1-Trichloroethane | mg/kg | 0.194 | 0.216 | 10.7 | 17 | 77.5 | L316834-01 | WG328058 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.190 | 0.201 | 5.55 | 14 | 75.8 | L316834-01 | WG328058 |
| 1,1,2-Trichloroethane | mg/kg | 0.217 | 0.219 | 0.812 | 19 | 86.8 | L316834-01 | WG328058 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.190 | 0.212 | 11.2 | 20 | 75.8 | L316834-01 | WG328058 |

ENVIRONMENTAL SCIENCE CORP.

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Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | mg/kg | 0.206 | 0.217 | 5.39 | 16 | 82.3 | L316834-01 | WG328058 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | mg/kg | 0.216 | 0.217 | 0.757 | 20 | 86.3 | L316834-01 | WG328058 |
| 1,1-Dichloropropene | mg/kg | 0.188 | 0.197 | 4.61 | 21 | 75.3 | L316834-01 | WG328058 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.226 | 0.222 | 1.93 | 23 | 90.1 | L316834-01 | WG328058 |
| 1,2,3-Trichloropropane | mg/kg | 0.174 | 0.186 | 6.62 | 16 | 69.6 | L316834-01 | WG328058 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.228 | 0.220 | 3.68 | 24 | 91.2 | L316834-01 | WG328058 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.255 | 0.234 | 8.46 | 23 | 98.3 | L316834-01 | WG328058 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.212 | 0.174 | 19.6 | 24 | 84.8 | L316834-01 | WG328058 |
| 1,2-Dibromoethane | mg/kg | 0.196 | 0.208 | 6.14 | 16 | 78.4 | L316834-01 | WG328058 |
| 1,2-Dichlorobenzene | mg/kg | 0.213 | 0.207 | 2.94 | 19 | 84.9 | L316834-01 | WG328058 |
| 1,2-Dichloroethane | mg/kg | 0.169 | 0.194 | 13.9 | 14 | 67.6 | L316834-01 | WG328058 |
| 1,2-Dichloropropane | mg/kg | 0.221 | 0.226 | 2.57 | 16 | 88.3 | L316834-01 | WG328058 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.221 | 0.223 | 1.16 | 19 | 85.4 | L316834-01 | WG328058 |
| 1,3-Dichlorobenzene | mg/kg | 0.181 | 0.214 | 16.5 | 18 | 72.5 | L316834-01 | WG328058 |
| 1,3-Dichloropropane | mg/kg | 0.195 | 0.205 | 5.18 | 16 | 78.0 | L316834-01 | WG328058 |
| 1,4-Dichlorobenzene | mg/kg | 0.191 | 0.189 | 1.31 | 18 | 76.1 | L316834-01 | WG328058 |
| 2,2-Dichloropropane | mg/kg | 0.177 | 0.201 | 12.8 | 18 | 70.7 | L316834-01 | WG328058 |
| 2-Butanone (MEK) | mg/kg | 0.845 | 0.706 | 17.9 | 21 | 67.6 | L316834-01 | WG328058 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.507 | 0.570 | 11.7 | 13 | 40.5 | L316834-01 | WG328058 |
| 2-Chlorotoluene | mg/kg | 0.188 | 0.211 | 11.3 | 20 | 74.9 | L316834-01 | WG328058 |
| 4-Chlorotoluene | mg/kg | 0.182 | 0.210 | 14.2 | 19 | 72.7 | L316834-01 | WG328058 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 1.02 | 0.943 | 7.56 | 20 | 81.0 | L316834-01 | WG328058 |
| Acetone | mg/kg | 0.974 | 0.987 | 1.38 | 23 | 63.7 | L316834-01 | WG328058 |
| Acrylonitrile | mg/kg | 1.00 | 0.858 | 15.3 | 20 | 80.0 | L316834-01 | WG328058 |
| Benzene | mg/kg | 0.197 | 0.211 | 7.02 | 15 | 78.8 | L316834-01 | WG328058 |
| Bromobenzene | mg/kg | 0.186 | 0.205 | 9.74 | 19 | 74.4 | L316834-01 | WG328058 |
| Bromodichloromethane | mg/kg | 0.198 | 0.218 | 9.50 | 15 | 79.1 | L316834-01 | WG328058 |
| Bromoform | mg/kg | 0.186 | 0.193 | 3.72 | 21 | 74.2 | L316834-01 | WG328058 |
| Bromomethane | mg/kg | 0.203 | 0.229 | 12.1 | 30 | 81.2 | L316834-01 | WG328058 |
| Carbon tetrachloride | mg/kg | 0.186 | 0.200 | 7.23 | 22 | 74.5 | L316834-01 | WG328058 |
| Chlorobenzene | mg/kg | 0.202 | 0.221 | 9.11 | 22 | 80.6 | L316834-01 | WG328058 |
| Chlorodibromomethane | mg/kg | 0.195 | 0.207 | 6.27 | 17 | 77.8 | L316834-01 | WG328058 |
| Chloroethane | mg/kg | 0.204 | 0.222 | 8.04 | 28 | 81.8 | L316834-01 | WG328058 |
| Chloroform | mg/kg | 0.207 | 0.220 | 5.94 | 14 | 81.9 | L316834-01 | WG328058 |
| Chloromethane | mg/kg | 0.183 | 0.179 | 2.11 | 19 | 73.0 | L316834-01 | WG328058 |
| cis-1,2-Dichloroethene | mg/kg | 0.207 | 0.214 | 3.37 | 12 | 82.7 | L316834-01 | WG328058 |
| cis-1,3-Dichloropropene | mg/kg | 0.209 | 0.220 | 4.99 | 16 | 83.7 | L316834-01 | WG328058 |
| Di-isopropyl ether | mg/kg | 0.222 | 0.225 | 1.54 | 20 | 88.8 | L316834-01 | WG328058 |
| Dibromomethane | mg/kg | 0.177 | 0.195 | 9.93 | 16 | 70.8 | L316834-01 | WG328058 |
| Dichlorodifluoromethane | mg/kg | 0.134 | 0.162 | 19.4 | 22 | 53.4 | L316834-01 | WG328058 |
| Ethylbenzene | mg/kg | 0.191 | 0.214 | 11.0 | 20 | 76.6 | L316834-01 | WG328058 |
| Hexachlorobutadiene | mg/kg | 0.188 | 0.209 | 10.5 | 22 | 75.2 | L316834-01 | WG328058 |
| Isopropylbenzene | mg/kg | 0.199 | 0.224 | 12.0 | 20 | 79.3 | L316834-01 | WG328058 |
| Methyl tert-butyl ether | mg/kg | 0.206 | 0.202 | 1.93 | 13 | 82.4 | L316834-01 | WG328058 |
| Methylene Chloride | mg/kg | 0.231 | 0.228 | 1.48 | 16 | 91.5 | L316834-01 | WG328058 |
| n-Butylbenzene | mg/kg | 0.263 | 0.228 | 14.4 | 22 | 104. | L316834-01 | WG328058 |
| n-Propylbenzene | mg/kg | 0.191 | 0.208 | 8.39 | 19 | 75.9 | L316834-01 | WG328058 |
| Naphthalene | mg/kg | 0.215 | 0.187 | 14.3 | 22 | 86.2 | L316834-01 | WG328058 |
| p-Isopropyltoluene | mg/kg | 0.182 | 0.211 | 14.9 | 21 | 72.4 | L316834-01 | WG328058 |
| sec-Butylbenzene | mg/kg | 0.194 | 0.222 | 13.4 | 21 | 76.9 | L316834-01 | WG328058 |
| Styrene | mg/kg | 0.204 | 0.226 | 10.3 | 23 | 81.5 | L316834-01 | WG328058 |
| tert-Butylbenzene | mg/kg | 0.190 | 0.222 | 15.5 | 21 | 75.4 | L316834-01 | WG328058 |
| Tetrachloroethene | mg/kg | 0.185 | 0.197 | 6.38 | 21 | 74.1 | L316834-01 | WG328058 |
| Toluene | mg/kg | 0.186 | 0.203 | 8.73 | 19 | 74.6 | L316834-01 | WG328058 |
| trans-1,2-Dichloroethene | mg/kg | 0.194 | 0.198 | 2.00 | 20 | 77.7 | L316834-01 | WG328058 |
| trans-1,3-Dichloropropene | mg/kg | 0.197 | 0.212 | 7.20 | 16 | 78.8 | L316834-01 | WG328058 |
| Trichloroethene | mg/kg | 0.196 | 0.202 | 3.14 | 18 | 78.4 | L316834-01 | WG328058 |
| Trichlorofluoromethane | mg/kg | 0.174 | 0.204 | 15.8 | 21 | 69.7 | L316834-01 | WG328058 |
| Vinyl chloride | mg/kg | 0.192 | 0.206 | 7.32 | 24 | 76.7 | L316834-01 | WG328058 |
| Xylenes, Total | mg/kg | 0.571 | 0.658 | 14.1 | 19 | 76.2 | L316834-01 | WG328058 |

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Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | Matrix Spike Duplicate MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0230 | 0.0382 | 49.6 | 18 | 46.1 | L317156-03 | WG328082 |
| 1,1,1-Trichloroethane | mg/kg | 0.0181 | 0.0328 | 57.8 | 17 | 36.2 | L317156-03 | WG328082 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0248 | 0.0359 | 36.8 | 14 | 49.5 | L317156-03 | WG328082 |
| 1,1,2-Trichloroethane | mg/kg | 0.0237 | 0.0366 | 42.8 | 19 | 47.4 | L317156-03 | WG328082 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0147 | 0.0307 | 70.5 | 20 | 29.4 | L317156-03 | WG328082 |
| 1,1-Dichloroethane | mg/kg | 0.0198 | 0.0334 | 51.2 | 16 | 39.6 | L317156-03 | WG328082 |
| 1,1-Dichloroethene | mg/kg | 0.0156 | 0.0315 | 67.8 | 20 | 31.1 | L317156-03 | WG328082 |
| 1,1-Dichloropropene | mg/kg | 0.0135 | 0.0278 | 69.0 | 21 | 27.0 | L317156-03 | WG328082 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0122 | 0.0154 | 23.2 | 23 | 24.5 | L317156-03 | WG328082 |
| 1,2,3-Trichloropropane | mg/kg | 0.0255 | 0.0365 | 35.4 | 16 | 51.1 | L317156-03 | WG328082 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0126 | 0.0150 | 16.9 | 24 | 25.3 | L317156-03 | WG328082 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0175 | 0.0260 | 39.3 | 23 | 35.0 | L317156-03 | WG328082 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0255 | 0.0327 | 24.7 | 24 | 51.0 | L317156-03 | WG328082 |
| 1,2-Dibromoethane | mg/kg | 0.0208 | 0.0294 | 34.2 | 16 | 41.6 | L317156-03 | WG328082 |
| 1,2-Dichlorobenzene | mg/kg | 0.0184 | 0.0214 | 15.4 | 19 | 36.7 | L317156-03 | WG328082 |
| 1,2-Dichloroethane | mg/kg | 0.0176 | 0.0271 | 42.7 | 14 | 35.2 | L317156-03 | WG328082 |
| 1,2-Dichloropropane | mg/kg | 0.0213 | 0.0356 | 50.5 | 16 | 42.5 | L317156-03 | WG328082 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0172 | 0.0275 | 46.2 | 19 | 34.3 | L317156-03 | WG328082 |
| 1,3-Dichlorobenzene | mg/kg | 0.0166 | 0.0205 | 20.9 | 18 | 33.2 | L317156-03 | WG328082 |
| 1,3-Dichloropropane | mg/kg | 0.0205 | 0.0304 | 39.0 | 16 | 40.9 | L317156-03 | WG328082 |
| 1,4-Dichlorobenzene | mg/kg | 0.0172 | 0.0203 | 16.4 | 18 | 34.4 | L317156-03 | WG328082 |
| 2,2-Dichloropropane | mg/kg | 0.0161 | 0.0327 | 68.4 | 18 | 32.1 | L317156-03 | WG328082 |
| 2-Butanone (MEK) | mg/kg | 0.169 | 0.260 | 42.4 | 21 | 67.7 | L317156-03 | WG328082 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.00 | 0.00 | 0.00 | 13 | 0.00 | L317156-03 | WG328082 |
| 2-Chlorotoluene | mg/kg | 0.0171 | 0.0242 | 34.6 | 20 | 34.1 | L317156-03 | WG328082 |
| 4-Chlorotoluene | mg/kg | 0.0164 | 0.0213 | 25.9 | 19 | 32.8 | L317156-03 | WG328082 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.169 | 0.257 | 41.5 | 20 | 67.5 | L317156-03 | WG328082 |
| Acetone | mg/kg | 0.159 | 0.292 | 58.8 | 23 | 63.7 | L317156-03 | WG328082 |
| Acrylonitrile | mg/kg | 0.138 | 0.207 | 40.0 | 20 | 55.2 | L317156-03 | WG328082 |
| Benzene | mg/kg | 0.0186 | 0.0340 | 58.6 | 15 | 37.2 | L317156-03 | WG328082 |
| Bromobenzene | mg/kg | 0.0169 | 0.0221 | 26.4 | 19 | 33.9 | L317156-03 | WG328082 |
| Bromodichloromethane | mg/kg | 0.0194 | 0.0315 | 47.5 | 15 | 38.8 | L317156-03 | WG328082 |
| Bromoform | mg/kg | 0.0209 | 0.0285 | 30.9 | 21 | 41.8 | L317156-03 | WG328082 |
| Bromomethane | mg/kg | 0.0149 | 0.0196 | 27.4 | 30 | 29.7 | L317156-03 | WG328082 |
| Carbon tetrachloride | mg/kg | 0.0170 | 0.0324 | 62.1 | 22 | 34.1 | L317156-03 | WG328082 |
| Chlorobenzene | mg/kg | 0.0183 | 0.0278 | 41.3 | 22 | 36.5 | L317156-03 | WG328082 |
| Chlorodibromomethane | mg/kg | 0.0220 | 0.0332 | 40.8 | 17 | 43.9 | L317156-03 | WG328082 |
| Chloroethane | mg/kg | 0.0211 | 0.0305 | 36.6 | 28 | 42.2 | L317156-03 | WG328082 |
| Chloroform | mg/kg | 0.0193 | 0.0323 | 50.5 | 14 | 38.5 | L317156-03 | WG328082 |
| Chloromethane | mg/kg | 0.0212 | 0.0375 | 55.5 | 19 | 42.4 | L317156-03 | WG328082 |
| cis-1,2-Dichloroethene | mg/kg | 0.0185 | 0.0313 | 51.6 | 12 | 37.0 | L317156-03 | WG328082 |
| cis-1,3-Dichloropropene | mg/kg | 0.0172 | 0.0259 | 40.5 | 16 | 34.4 | L317156-03 | WG328082 |
| Di-isopropyl ether | mg/kg | 0.0227 | 0.0370 | 47.9 | 20 | 45.4 | L317156-03 | WG328082 |
| Dibromomethane | mg/kg | 0.0203 | 0.0297 | 37.7 | 16 | 40.5 | L317156-03 | WG328082 |
| Dichlorodifluoromethane | mg/kg | 0.0090 | 0.0209 | 78.8 | 22 | 18.1 | L317156-03 | WG328082 |
| Ethylbenzene | mg/kg | 0.0195 | 0.0394 | 67.3 | 20 | 39.1 | L317156-03 | WG328082 |
| Hexachlorobutadiene | mg/kg | 0.0076 | 0.0190 | 85.5 | 22 | 15.2 | L317156-03 | WG328082 |
| Isopropylbenzene | mg/kg | 0.0189 | 0.0318 | 50.5 | 20 | 37.9 | L317156-03 | WG328082 |
| Methyl tert-butyl ether | mg/kg | 0.0276 | 0.0439 | 45.6 | 13 | 55.2 | L317156-03 | WG328082 |
| Methylene Chloride | mg/kg | 0.0199 | 0.0319 | 46.1 | 16 | 39.8 | L317156-03 | WG328082 |
| n-Butylbenzene | mg/kg | 0.0122 | 0.0213 | 54.6 | 22 | 24.3 | L317156-03 | WG328082 |
| n-Propylbenzene | mg/kg | 0.0165 | 0.0265 | 46.3 | 19 | 33.0 | L317156-03 | WG328082 |
| Naphthalene | mg/kg | 0.0169 | 0.0187 | 10.0 | 22 | 33.7 | L317156-03 | WG328082 |
| p-Isopropyltoluene | mg/kg | 0.0153 | 0.0278 | 57.8 | 21 | 30.6 | L317156-03 | WG328082 |
| sec-Butylbenzene | mg/kg | 0.0154 | 0.0290 | 61.0 | 21 | 30.8 | L317156-03 | WG328082 |
| Styrene | mg/kg | 0.0156 | 0.0196 | 22.6 | 23 | 31.2 | L317156-03 | WG328082 |
| tert-Butylbenzene | mg/kg | 0.0180 | 0.0326 | 57.7 | 21 | 36.0 | L317156-03 | WG328082 |
| Tetrachloroethene | mg/kg | 0.0168 | 0.0303 | 57.5 | 21 | 33.5 | L317156-03 | WG328082 |
| Toluene | mg/kg | 0.0171 | 0.0306 | 56.8 | 19 | 34.2 | L317156-03 | WG328082 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317258

November 02, 2007

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | mg/kg | 0.0143 | 0.0285 | 66.3 | 20 | 28.7 | L317156-03 | WG328082 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| trans-1,3-Dichloropropene | mg/kg | 0.0171 | 0.0230 | 29.7 | 16 | 34.1 | L317156-03 | WG328082 |
| Trichloroethene | mg/kg | 0.0160 | 0.0314 | 65.1 | 18 | 32.0 | L317156-03 | WG328082 |
| Trichlorofluoromethane | mg/kg | 0.0143 | 0.0286 | 66.7 | 21 | 28.6 | L317156-03 | WG328082 |
| Vinyl chloride | mg/kg | 0.0156 | 0.0290 | 60.1 | 24 | 31.2 | L317156-03 | WG328082 |
| Xylenes, Total | mg/kg | 0.0607 | 0.138 | 77.6 | 19 | 40.4 | L317156-03 | WG328082 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 1.36 | 1.61 | 17.0 | 18 | 104. | L317163-08 | WG328092 |
| 1,1,1-Trichloroethane | mg/kg | 0.927 | 1.07 | 14.7 | 17 | 71.3 | L317163-08 | WG328092 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 1.28 | 1.50 | 15.8 | 14 | 98.2 | L317163-08 | WG328092 |
| 1,1,2-Trichloroethane | mg/kg | 1.26 | 1.47 | 15.3 | 19 | 97.0 | L317163-08 | WG328092 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.840 | 0.991 | 16.5 | 20 | 64.6 | L317163-08 | WG328092 |
| 1,1-Dichloroethane | mg/kg | 1.01 | 1.16 | 13.7 | 16 | 77.7 | L317163-08 | WG328092 |
| 1,1-Dichloroethene | mg/kg | 0.928 | 1.09 | 16.0 | 20 | 71.4 | L317163-08 | WG328092 |
| 1,1-Dichloropropene | mg/kg | 0.890 | 1.04 | 15.3 | 21 | 68.5 | L317163-08 | WG328092 |
| 1,2,3-Trichlorobenzene | mg/kg | 1.34 | 1.48 | 10.2 | 23 | 103. | L317163-08 | WG328092 |
| 1,2,3-Trichloropropane | mg/kg | 1.25 | 1.47 | 16.1 | 16 | 96.2 | L317163-08 | WG328092 |
| 1,2,4-Trichlorobenzene | mg/kg | 1.27 | 1.42 | 10.8 | 24 | 97.8 | L317163-08 | WG328092 |
| 1,2,4-Trimethylbenzene | mg/kg | 1.28 | 1.50 | 16.4 | 23 | 98.2 | L317163-08 | WG328092 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 1.02 | 1.14 | 11.1 | 24 | 78.7 | L317163-08 | WG328092 |
| 1,2-Dibromoethane | mg/kg | 1.23 | 1.43 | 15.5 | 16 | 94.3 | L317163-08 | WG328092 |
| 1,2-Dichlorobenzene | mg/kg | 1.20 | 1.34 | 11.6 | 19 | 92.0 | L317163-08 | WG328092 |
| 1,2-Dichloroethane | mg/kg | 0.897 | 1.03 | 13.8 | 14 | 69.0 | L317163-08 | WG328092 |
| 1,2-Dichloropropane | mg/kg | 1.12 | 1.30 | 15.0 | 16 | 86.3 | L317163-08 | WG328092 |
| 1,3,5-Trimethylbenzene | mg/kg | 1.24 | 1.47 | 16.6 | 19 | 95.7 | L317163-08 | WG328092 |
| 1,3-Dichlorobenzene | mg/kg | 1.38 | 1.60 | 15.1 | 18 | 106. | L317163-08 | WG328092 |
| 1,3-Dichloropropane | mg/kg | 1.16 | 1.34 | 14.2 | 16 | 89.5 | L317163-08 | WG328092 |
| 1,4-Dichlorobenzene | mg/kg | 1.12 | 1.27 | 12.8 | 18 | 86.0 | L317163-08 | WG328092 |
| 2,2-Dichloropropane | mg/kg | 0.958 | 1.09 | 13.3 | 18 | 73.7 | L317163-08 | WG328092 |
| 2-Butanone (MEK) | mg/kg | 4.46 | 5.21 | 15.5 | 21 | 68.7 | L317163-08 | WG328092 |
| 2-Chloroethyl vinyl ether | mg/kg | 4.59 | 5.03 | 9.15 | 13 | 70.6 | L317163-08 | WG328092 |
| 2-Chlorotoluene | mg/kg | 1.17 | 1.39 | 17.3 | 20 | 89.9 | L317163-08 | WG328092 |
| 4-Chlorotoluene | mg/kg | 1.20 | 1.42 | 16.1 | 19 | 92.6 | L317163-08 | WG328092 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 4.95 | 5.83 | 16.3 | 20 | 76.1 | L317163-08 | WG328092 |
| Acetone | mg/kg | 3.83 | 4.48 | 15.8 | 23 | 58.9 | L317163-08 | WG328092 |
| Acrylonitrile | mg/kg | 4.60 | 5.40 | 16.0 | 20 | 70.8 | L317163-08 | WG328092 |
| Benzene | mg/kg | 1.00 | 1.15 | 13.9 | 15 | 77.0 | L317163-08 | WG328092 |
| Bromobenzene | mg/kg | 1.20 | 1.43 | 17.4 | 19 | 92.1 | L317163-08 | WG328092 |
| Bromodichloromethane | mg/kg | 1.09 | 1.25 | 13.8 | 15 | 84.0 | L317163-08 | WG328092 |
| Bromoform | mg/kg | 1.24 | 1.45 | 15.2 | 21 | 95.5 | L317163-08 | WG328092 |
| Bromomethane | mg/kg | 0.165 | 0.223 | 30.3 | 30 | 12.7 | L317163-08 | WG328092 |
| Carbon tetrachloride | mg/kg | 0.952 | 1.09 | 13.5 | 22 | 73.2 | L317163-08 | WG328092 |
| Chlorobenzene | mg/kg | 1.27 | 1.47 | 14.7 | 22 | 97.5 | L317163-08 | WG328092 |
| Chlorodibromomethane | mg/kg | 1.34 | 1.57 | 15.8 | 17 | 103. | L317163-08 | WG328092 |
| Chloroethane | mg/kg | 0.116 | 0.129 | 10.7 | 28 | 8.95 | L317163-08 | WG328092 |
| Chloroform | mg/kg | 1.03 | 1.18 | 13.6 | 14 | 79.2 | L317163-08 | WG328092 |
| Chloromethane | mg/kg | 1.26 | 1.43 | 12.4 | 19 | 97.3 | L317163-08 | WG328092 |
| cis-1,2-Dichloroethene | mg/kg | 1.11 | 1.26 | 12.7 | 12 | 85.3 | L317163-08 | WG328092 |
| cis-1,3-Dichloropropene | mg/kg | 1.20 | 1.38 | 13.9 | 16 | 92.0 | L317163-08 | WG328092 |
| Di-isopropyl ether | mg/kg | 0.972 | 1.11 | 13.5 | 20 | 74.7 | L317163-08 | WG328092 |
| Dibromomethane | mg/kg | 1.08 | 1.26 | 15.3 | 16 | 83.0 | L317163-08 | WG328092 |
| Dichlorodifluoromethane | mg/kg | 0.544 | 0.675 | 21.6 | 22 | 41.9 | L317163-08 | WG328092 |
| Hexachlorobutadiene | mg/kg | 1.23 | 1.38 | 11.9 | 22 | 94.5 | L317163-08 | WG328092 |
| Isopropylbenzene | mg/kg | 1.23 | 1.45 | 16.2 | 20 | 94.8 | L317163-08 | WG328092 |
| Methyl tert-butyl ether | mg/kg | 1.03 | 1.18 | 13.8 | 13 | 79.3 | L317163-08 | WG328092 |
| Methylene Chloride | mg/kg | 0.948 | 1.10 | 14.8 | 16 | 73.0 | L317163-08 | WG328092 |
| n-Butylbenzene | mg/kg | 1.00 | 1.14 | 12.7 | 22 | 77.2 | L317163-08 | WG328092 |
| n-Propylbenzene | mg/kg | 1.17 | 1.38 | 17.2 | 19 | 89.7 | L317163-08 | WG328092 |
| Naphthalene | mg/kg | 1.30 | 1.42 | 9.09 | 22 | 100. | L317163-08 | WG328092 |
| p-Isopropyltoluene | mg/kg | 1.33 | 1.57 | 16.9 | 21 | 102. | L317163-08 | WG328092 |

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Quality Assurance Report
Level II

L317258

November 02, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | mg/kg | 1.28 | 1.50 | 16.1 | 21 | 98.2 | L317163-08 | WG328092 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Styrene | mg/kg | 1.33 | 1.57 | 16.4 | 23 | 103. | L317163-08 | WG328092 |
| tert-Butylbenzene | mg/kg | 1.33 | 1.57 | 16.4 | 21 | 103. | L317163-08 | WG328092 |
| Tetrachloroethene | mg/kg | 1.10 | 1.29 | 16.3 | 21 | 84.5 | L317163-08 | WG328092 |
| Toluene | mg/kg | 1.01 | 1.17 | 15.1 | 19 | 77.7 | L317163-08 | WG328092 |
| trans-1,2-Dichloroethene | mg/kg | 0.947 | 1.07 | 12.5 | 20 | 72.8 | L317163-08 | WG328092 |
| trans-1,3-Dichloropropene | mg/kg | 1.21 | 1.40 | 14.6 | 16 | 93.3 | L317163-08 | WG328092 |
| Trichloroethene | mg/kg | 1.10 | 1.28 | 15.5 | 18 | 84.4 | L317163-08 | WG328092 |
| Trichlorofluoromethane | mg/kg | 0.435 | 0.745 | 52.6 | 21 | 33.4 | L317163-08 | WG328092 |
| Vinyl chloride | mg/kg | 0.779 | 1.10 | 34.4 | 24 | 60.0 | L317163-08 | WG328092 |
| Acetone | mg/kg | 14.4 | 15.4 | 6.63 | 23 | 115. | L317356-09 | WG328157 |
| Ethylbenzene | mg/kg | 2.69 | 2.69 | 0.0162 | 20 | 108. | L317356-09 | WG328157 |
| Xylenes, Total | mg/kg | 7.39 | 7.60 | 2.78 | 19 | 90.9 | L317356-09 | WG328157 |
| Ethylbenzene | mg/kg | 0.0204 | 0.0199 | 2.43 | 20 | 29.7 | L317331-01 | WG328472 |
| Xylenes, Total | mg/kg | 0.0563 | 0.0578 | 2.74 | 19 | 30.2 | L317331-01 | WG328472 |

Batch number /Run number / Sample number cross reference

WG328058: R339868: L317258-01 02 03 04 05 06 07 08 09
WG327967: R339895: L317258-01 02 03 04 05 06 07 08
WG327969: R339906: L317258-19 20 21
WG328006: R339912: L317258-22 23 24
WG327968: R339913: L317258-09 10 11 12 13 14 15 16 17 18
WG328143: R339991: L317258-25
WG328082: R340010: L317258-11 12 13 14 17 18 19 20
WG328157: R340014: L317258-05 07 09 10
WG328092: R340019: L317258-21
WG328297: R340170: L317258-10 12 14 15 16 21
WG328472: R340297: L317258-20

* * Calculations are performed prior to rounding of reported values .

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Quality Assurance Report
Level II

L317258

November 02, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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Raleigh, NC 27617-7505

# Report Summary

Monday November 05, 2007

Report Number: L317465
Samples Received: 10/31/07
Client Project: 06.15416-C

Description: KB-Xylenes 20 Add 1

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Terrie Fudge, ESC Representative

*Laboratory Certification Numbers*

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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54 Samples Reported: 11/05/07 08:28 Printed: 11/05/07 11:32

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-01

Sample ID : AOC 23-1

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.6 | 0.100 | % | 2540G | 11/01/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.012 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

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The reported analytical results relate only to the sample submitted

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-01

Sample ID : AOC 23-1

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.061 | 0.0036 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 103. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 92.5 | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-02

Sample ID : AOC 23-2

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.6 | 0.100 | % | 2540G | 11/01/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.062 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.062 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 190 | 4.1 | mg/kg | 8260B | 11/02/07 | 3300 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | 0.10 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-02

Sample ID : AOC 23-2

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | 0.062 | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.052 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | 0.12 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 1000 | 12. | mg/kg | 8260B | 11/02/07 | 3300 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 98.9 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 30.8 | | % Rec. | 8260B | 11/01/07 | 1 |

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-03

Sample ID : AOC 23-3

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.8 | 0.100 | % | 2540G | 11/01/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 150 | 2.2 | mg/kg | 8260B | 11/02/07 | 1875 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | 0.060 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-03

Sample ID : AOC 23-3

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | 5.0 | 4.5 | mg/kg | 8260B | 11/01/07 | 375 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.030 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 740 | 6.7 | mg/kg | 8260B | 11/02/07 | 1875 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 97.9 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 100. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 16.4 | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-04

Sample ID : AOC 23-4

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.1 | 0.100 | % | 2540G | 11/01/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.32 | 0.062 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | 0.0013 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.062 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 48. | 0.47 | mg/kg | 8260B | 11/01/07 | 385 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | 0.070 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-04

Sample ID : AOC 23-4

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | 0.019 | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.052 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | 0.0061 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | 0.17 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 340 | 5.7 | mg/kg | 8260B | 11/02/07 | 1540 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 102. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 111. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-05

Sample ID : AOC 23-5

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 92.0 | 0.100 | % | 2540G | 11/01/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.4 | mg/kg | 8260B | 11/01/07 | 45 |
| Acrylonitrile | BDL | 0.49 | mg/kg | 8260B | 11/01/07 | 45 |
| Benzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Bromobenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Bromodichloromethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Bromoform | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Bromomethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| n-Butylbenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| sec-Butylbenzene | 0.14 | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| tert-Butylbenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Carbon tetrachloride | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Chlorobenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Chlorodibromomethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Chloroethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| 2-Chloroethyl vinyl ether | BDL | 2.4 | mg/kg | 8260B | 11/01/07 | 45 |
| Chloroform | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| Chloromethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 2-Chlorotoluene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 4-Chlorotoluene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2-Dibromoethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Dibromomethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2-Dichlorobenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,3-Dichlorobenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,4-Dichlorobenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Dichlorodifluoromethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1-Dichloroethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2-Dichloroethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1-Dichloroethene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| cis-1,2-Dichloroethene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| trans-1,2-Dichloroethene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2-Dichloropropane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1-Dichloropropene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,3-Dichloropropane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| cis-1,3-Dichloropropene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| trans-1,3-Dichloropropene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 2,2-Dichloropropane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Di-isopropyl ether | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Ethylbenzene | 1200 | 22. | mg/kg | 8260B | 11/02/07 | 20000 |
| Hexachlorobutadiene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Isopropylbenzene | 5.8 | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-05

Sample ID : AOC 23-5

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 2-Butanone (MEK) | BDL | 0.49 | mg/kg | 8260B | 11/01/07 | 45 |
| Methylene Chloride | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.49 | mg/kg | 8260B | 11/01/07 | 45 |
| Methyl tert-butyl ether | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Naphthalene | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| n-Propylbenzene | 4.3 | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Styrene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Tetrachloroethene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Toluene | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2,3-Trichlorobenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2,4-Trichlorobenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1,1-Trichloroethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1,2-Trichloroethane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Trichloroethene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Trichlorofluoromethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2,3-Trichloropropane | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,2,4-Trimethylbenzene | 0.45 | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| 1,3,5-Trimethylbenzene | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Vinyl chloride | BDL | 0.049 | mg/kg | 8260B | 11/01/07 | 45 |
| Xylenes, Total | 6100 | 65. | mg/kg | 8260B | 11/02/07 | 20000 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 100. | | % Rec. | 8260B | 11/01/07 | 45 |
| Dibromofluoromethane | 91.3 | | % Rec. | 8260B | 11/01/07 | 45 |
| 4-Bromofluorobenzene | 109. | | % Rec. | 8260B | 11/01/07 | 45 |

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-06

Sample ID : AOC 23-6

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 87.4 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.011 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.21 | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-06

Sample ID : AOC 23-6

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.011 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.011 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0057 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.82 | 0.0034 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.9 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 96.9 | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 93.9 | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-07

Sample ID : AOC 23-7

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 82.8 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.18 | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 16. | 0.45 | mg/kg | 8260B | 11/02/07 | 375 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | 0.024 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-07

Sample ID : AOC 23-7

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.017 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 100 | 1.4 | mg/kg | 8260B | 11/02/07 | 375 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 100. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 101. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 97.7 | | % Rec. | 8260B | 11/01/07 | 1 |

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-08

Sample ID : AOC 23-8

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.1 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 75. | 12. | mg/kg | 8260B | 11/01/07 | 202.5 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.062 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 290 | 2.5 | mg/kg | 8260B | 11/02/07 | 2025 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | 0.081 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

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BDL - Below Detection Limit
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-08

Sample ID : AOC 23-8

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | 8.7 | 2.5 | mg/kg | 8260B | 11/01/07 | 202.5 |
| Methylene Chloride | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.044 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0062 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 1600 | 7.5 | mg/kg | 8260B | 11/02/07 | 2025 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 85.3 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 106. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 14.6 | | % Rec. | 8260B | 11/01/07 | 1 |

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-09

Sample ID : AOC 23 EB

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | 300 | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-09

Sample ID : AOC 23 EB

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Xylenes, Total | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | 3.0 | ug/l | 8260B | 11/01/07 | 1 |
| Toluene-d8 | 106. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 108. | | % Rec. | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 11/05/07 08:28 Printed: 11/05/07 11:41

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-10

Sample ID : AOC 24-1

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 72.9 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acrylonitrile | BDL | 0.014 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.068 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.14 | 0.062 | mg/kg | 8260B | 11/02/07 | 45 |
| Hexachlorobutadiene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | 0.077 | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| p-Isopropyltoluene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-1

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-10

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | 0.020 | 0.014 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.014 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.057 | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0068 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | 0.0020 | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 2.2 | 0.18 | mg/kg | 8260B | 11/02/07 | 45 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 103. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 103. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 110. | | % Rec. | 8260B | 11/01/07 | 1 |

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-2

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-11

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 70.1 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.64 | 0.071 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.014 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.071 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 70. | 1.3 | mg/kg | 8260B | 11/02/07 | 920 |
| Hexachlorobutadiene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | 0.028 | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-2

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-11

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | 0.14 | 0.014 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.014 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.012 | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0071 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0014 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 420 | 3.9 | mg/kg | 8260B | 11/02/07 | 920 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.5 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 98.3 | | % Rec. | 8260B | 11/01/07 | 1 |

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-3

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-12

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.0 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.4 | mg/kg | 8260B | 11/01/07 | 39 |
| Acrylonitrile | BDL | 0.48 | mg/kg | 8260B | 11/01/07 | 39 |
| Benzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Bromobenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Bromodichloromethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Bromoform | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Bromomethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| n-Butylbenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| sec-Butylbenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| tert-Butylbenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Carbon tetrachloride | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Chlorobenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Chlorodibromomethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Chloroethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| 2-Chloroethyl vinyl ether | BDL | 2.4 | mg/kg | 8260B | 11/01/07 | 39 |
| Chloroform | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| Chloromethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 2-Chlorotoluene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 4-Chlorotoluene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2-Dibromoethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Dibromomethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2-Dichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,3-Dichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,4-Dichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Dichlorodifluoromethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1-Dichloroethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2-Dichloroethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1-Dichloroethene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| cis-1,2-Dichloroethene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| trans-1,2-Dichloroethene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2-Dichloropropane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1-Dichloropropene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,3-Dichloropropane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| cis-1,3-Dichloropropene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| trans-1,3-Dichloropropene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 2,2-Dichloropropane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Di-isopropyl ether | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Ethylbenzene | 1000 | 4.8 | mg/kg | 8260B | 11/02/07 | 3900 |
| Hexachlorobutadiene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Isopropylbenzene | 1.8 | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-3

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-12

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 2-Butanone (MEK) | BDL | 0.48 | mg/kg | 8260B | 11/01/07 | 39 |
| Methylene Chloride | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.48 | mg/kg | 8260B | 11/01/07 | 39 |
| Methyl tert-butyl ether | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Naphthalene | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| n-Propylbenzene | 0.81 | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Styrene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Tetrachloroethene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Toluene | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2,3-Trichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2,4-Trichlorobenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1,1-Trichloroethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1,2-Trichloroethane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Trichloroethene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Trichlorofluoromethane | BDL | 0.24 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2,3-Trichloropropane | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,2,4-Trimethylbenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| 1,3,5-Trimethylbenzene | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Vinyl chloride | BDL | 0.048 | mg/kg | 8260B | 11/01/07 | 39 |
| Xylenes, Total | 5300 | 14. | mg/kg | 8260B | 11/02/07 | 3900 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 100. | | % Rec. | 8260B | 11/01/07 | 39 |
| Dibromofluoromethane | 98.9 | | % Rec. | 8260B | 11/01/07 | 39 |
| 4-Bromofluorobenzene | 103. | | % Rec. | 8260B | 11/01/07 | 39 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-4

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-13

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.1 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 3.5 | 2.6 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Acrylonitrile | BDL | 0.51 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Benzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Bromobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Bromodichloromethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Bromoform | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Bromomethane | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| n-Butylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| sec-Butylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| tert-Butylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Carbon tetrachloride | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Chlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Chlorodibromomethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Chloroethane | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 2-Chloroethyl vinyl ether | BDL | 2.6 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Chloroform | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Chloromethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 2-Chlorotoluene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 4-Chlorotoluene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2-Dibromoethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Dibromomethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2-Dichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,3-Dichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,4-Dichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Dichlorodifluoromethane | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1-Dichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2-Dichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1-Dichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| cis-1,2-Dichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| trans-1,2-Dichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2-Dichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1-Dichloropropene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,3-Dichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| cis-1,3-Dichloropropene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| trans-1,3-Dichloropropene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 2,2-Dichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Di-isopropyl ether | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Ethylbenzene | 390 | 2.0 | mg/kg | 8260B | 11/01/07 | 1660 |
| Hexachlorobutadiene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Isopropylbenzene | 2.1 | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-4

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-13

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 2-Butanone (MEK) | BDL | 0.51 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Methylene Chloride | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.51 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Methyl tert-butyl ether | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Naphthalene | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| n-Propylbenzene | 0.94 | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Styrene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Tetrachloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Toluene | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2,3-Trichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2,4-Trichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1,1-Trichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1,2-Trichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Trichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Trichlorofluoromethane | BDL | 0.26 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2,3-Trichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,2,4-Trimethylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| 1,3,5-Trimethylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Vinyl chloride | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41.5 |
| Xylenes, Total | 2700 | 15. | mg/kg | 8260B | 11/02/07 | 4150 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.9 | | % Rec. | 8260B | 11/01/07 | 41.5 |
| Dibromofluoromethane | 97.5 | | % Rec. | 8260B | 11/01/07 | 41.5 |
| 4-Bromofluorobenzene | 100. | | % Rec. | 8260B | 11/01/07 | 41.5 |

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-5

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-14

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 75.0 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.9 | mg/kg | 8260B | 11/01/07 | 43 |
| Acrylonitrile | BDL | 0.57 | mg/kg | 8260B | 11/01/07 | 43 |
| Benzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Bromobenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Bromodichloromethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Bromoform | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Bromomethane | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| n-Butylbenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| sec-Butylbenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| tert-Butylbenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Carbon tetrachloride | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Chlorobenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Chlorodibromomethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Chloroethane | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| 2-Chloroethyl vinyl ether | BDL | 2.9 | mg/kg | 8260B | 11/01/07 | 43 |
| Chloroform | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| Chloromethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 2-Chlorotoluene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 4-Chlorotoluene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2-Dibromoethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Dibromomethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2-Dichlorobenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,3-Dichlorobenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,4-Dichlorobenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Dichlorodifluoromethane | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1-Dichloroethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2-Dichloroethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1-Dichloroethene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| cis-1,2-Dichloroethene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| trans-1,2-Dichloroethene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2-Dichloropropane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1-Dichloropropene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,3-Dichloropropane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| cis-1,3-Dichloropropene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| trans-1,3-Dichloropropene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 2,2-Dichloropropane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Di-isopropyl ether | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Ethylbenzene | 730 | 5.7 | mg/kg | 8260B | 11/02/07 | 4300 |
| Hexachlorobutadiene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Isopropylbenzene | 3.2 | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-5

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-14

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 2-Butanone (MEK) | BDL | 0.57 | mg/kg | 8260B | 11/01/07 | 43 |
| Methylene Chloride | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.57 | mg/kg | 8260B | 11/01/07 | 43 |
| Methyl tert-butyl ether | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Naphthalene | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| n-Propylbenzene | 1.3 | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Styrene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Tetrachloroethene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Toluene | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2,3-Trichlorobenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2,4-Trichlorobenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1,1-Trichloroethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1,2-Trichloroethane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Trichloroethene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Trichlorofluoromethane | BDL | 0.29 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2,3-Trichloropropane | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,2,4-Trimethylbenzene | 0.065 | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| 1,3,5-Trimethylbenzene | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Vinyl chloride | BDL | 0.057 | mg/kg | 8260B | 11/01/07 | 43 |
| Xylenes, Total | 3700 | 17. | mg/kg | 8260B | 11/02/07 | 4300 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 100. | | % Rec. | 8260B | 11/01/07 | 43 |
| Dibromofluoromethane | 96.8 | | % Rec. | 8260B | 11/01/07 | 43 |
| 4-Bromofluorobenzene | 103. | | % Rec. | 8260B | 11/01/07 | 43 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-15

Sample ID : AOC 24-6

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 82.8 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.059 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-6

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-15

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.26 | 0.0036 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 99.6 | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 93.8 | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-7

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-16

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 82.4 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 1.1 | 0.061 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.061 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.18 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-7

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-16

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg. | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 20. | 0.14 | mg/kg | 8260B | 11/01/07 | 38 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.8 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 96.0 | | % Rec. | 8260B | 11/01/07 | 1 |

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add. 1

ESC Sample # : L317465-17

Sample ID : AOC 24-8

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 86.5 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 4.9 | 2.6 | mg/kg | 8260B | 11/01/07 | 46 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.058 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | 20. | 0.53 | mg/kg | 8260B | 11/02/07 | 460 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| | 0.023 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24-8

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-17

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | 0.065 | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.0086 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 210 | 1.6 | mg/kg | 8260B | 11/02/07 | 460 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 97.4 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 106. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 80.8 | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24 EB

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-18

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 24 EB

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-18

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Xylenes, Total | BDL | 3.0 | ug/l | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 105. | | % Rec. | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-1 6IN

Collected By : RJC
Collection Date : 10/30/07 10:00

ESC Sample # : L317465-19

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 78.9 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.13 | 0.063 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.013 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.063 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-1 6IN

Collected By : RJC
Collection Date : 10/30/07 10:00

ESC Sample # : L317465-19

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.013 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.013 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0063 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0013 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | BDL | 0.0038 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 98.2 | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 100. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-2

Collected By : RJC
Collection Date : 10/30/07 09:52

ESC Sample # : L317465-20

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.4 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 3.2 | 2.5 | mg/kg | 8260B | 11/01/07 | 41 |
| Acrylonitrile | BDL | 0.51 | mg/kg | 8260B | 11/01/07 | 41 |
| Benzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Bromobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Bromodichloromethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Bromoform | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Bromomethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| n-Butylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| sec-Butylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| tert-Butylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Carbon tetrachloride | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Chlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Chlorodibromomethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Chloroethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| 2-Chloroethyl vinyl ether | BDL | 2.5 | mg/kg | 8260B | 11/01/07 | 41 |
| Chloroform | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| Chloromethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 2-Chlorotoluene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 4-Chlorotoluene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2-Dibromoethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Dibromomethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2-Dichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,3-Dichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,4-Dichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Dichlorodifluoromethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1-Dichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2-Dichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1-Dichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| cis-1,2-Dichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| trans-1,2-Dichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2-Dichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1-Dichloropropene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,3-Dichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| cis-1,3-Dichloropropene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| trans-1,3-Dichloropropene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 2,2-Dichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Di-isopropyl ether | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Ethylbenzene | 0.52 | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Hexachlorobutadiene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Isopropylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L317465-20 (V8260) - Target compounds too high to run at a lower dilution.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-2

Collected By : RJC
Collection Date : 10/30/07 09:52

ESC Sample # : L317465-20

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 2-Butanone (MEK) | BDL | 0.51 | mg/kg | 8260B | 11/01/07 | 41 |
| Methylene Chloride | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.51 | mg/kg | 8260B | 11/01/07 | 41 |
| Methyl tert-butyl ether | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Naphthalene | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| n-Propylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Styrene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Tetrachloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Toluene | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2,3-Trichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2,4-Trichlorobenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1,1-Trichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1,2-Trichloroethane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Trichloroethene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Trichlorofluoromethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2,3-Trichloropropane | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,2,4-Trimethylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| 1,3,5-Trimethylbenzene | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Vinyl chloride | BDL | 0.051 | mg/kg | 8260B | 11/01/07 | 41 |
| Xylenes, Total | 2.9 | 0.15 | mg/kg | 8260B | 11/01/07 | 41 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.8 | | % Rec. | 8260B | 11/01/07 | 41 |
| Dibromofluoromethane | 99.9 | | % Rec. | 8260B | 11/01/07 | 41 |
| 4-Bromofluorobenzene | 97.1 | | % Rec. | 8260B | 11/01/07 | 41 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 11/05/07 08:28 Printed: 11/05/07 11:41
L317465-20 (V8260) - Target compounds too high to run at a lower dilution.

ENVIRONMENTAL
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-3

Collected By : RJC
Collection Date : 10/30/07 10:00

ESC Sample # : L317465-21

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 79.3 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.5 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Acrylonitrile | BDL | 0.50 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Benzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Bromobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Bromodichloromethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Bromoform | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Bromomethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| n-Butylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| sec-Butylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| tert-Butylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Carbon tetrachloride | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Chlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Chlorodibromomethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Chloroethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 2-Chloroethyl vinyl ether | BDL | 2.5 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Chloroform | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Chloromethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 2-Chlorotoluene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 4-Chlorotoluene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2-Dibromoethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Dibromomethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2-Dichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,3-Dichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,4-Dichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Dichlorodifluoromethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1-Dichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2-Dichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1-Dichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| cis-1,2-Dichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| trans-1,2-Dichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2-Dichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1-Dichloropropene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,3-Dichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| cis-1,3-Dichloropropene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| trans-1,3-Dichloropropene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 2,2-Dichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Di-isopropyl ether | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Ethylbenzene | 0.34 | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Hexachlorobutadiene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Isopropylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L317465-21 (V8260) - Target compounds too high to run at a lower dilution.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-3

Collected By : RJC
Collection Date : 10/30/07 10:00

ESC Sample # : L317465-21

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | 0.096 | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 2-Butanone (MEK) | BDL | 0.50 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Methylene Chloride | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.50 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Methyl tert-butyl ether | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Naphthalene | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| n-Propylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Styrene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Tetrachloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Toluene | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2,3-Trichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2,4-Trichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1,1-Trichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1,2-Trichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Trichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Trichlorofluoromethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2,3-Trichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,2,4-Trimethylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| 1,3,5-Trimethylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Vinyl chloride | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Xylenes, Total | 2.0 | 0.15 | mg/kg | 8260B | 11/01/07 | 39.5 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.3 | | % Rec. | 8260B | 11/01/07 | 39.5 |
| Dibromofluoromethane | 99.2 | | % Rec. | 8260B | 11/01/07 | 39.5 |
| 4-Bromofluorobenzene | 106. | | % Rec. | 8260B | 11/01/07 | 39.5 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 11/05/07 08:28 Printed: 11/05/07 11:42
L317465-21 (V8260) - Target compounds too high to run at a lower dilution.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-4 1FT

Collected By : RJC
Collection Date : 10/30/07 10:15

ESC Sample # : L317465-22

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 87.6 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.5 | mg/kg | 8260B | 11/01/07 | 44 |
| Acrylonitrile | BDL | 0.50 | mg/kg | 8260B | 11/01/07 | 44 |
| Benzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Bromobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Bromodichloromethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Bromoform | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Bromomethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| n-Butylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| sec-Butylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| tert-Butylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Carbon tetrachloride | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Chlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Chlorodibromomethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Chloroethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| 2-Chloroethyl vinyl ether | BDL | 2.5 | mg/kg | 8260B | 11/01/07 | 44 |
| Chloroform | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| Chloromethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 2-Chlorotoluene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 4-Chlorotoluene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2-Dibromoethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Dibromomethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2-Dichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,3-Dichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,4-Dichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Dichlorodifluoromethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1-Dichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2-Dichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1-Dichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| cis-1,2-Dichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| trans-1,2-Dichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2-Dichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1-Dichloropropene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,3-Dichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| cis-1,3-Dichloropropene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| trans-1,3-Dichloropropene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 2,2-Dichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Di-isopropyl ether | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Ethylbenzene | 1.2 | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Hexachlorobutadiene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Isopropylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L317465-22 (V8260) - Target compounds too high to run at a lower dilution.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-4 1FT

Collected By : RJC
Collection Date : 10/30/07 10:15

ESC Sample # : L317465-22

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 2-Butanone (MEK) | BDL | 0.50 | mg/kg | 8260B | 11/01/07 | 44 |
| Methylene Chloride | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.50 | mg/kg | 8260B | 11/01/07 | 44 |
| Methyl tert-butyl ether | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Naphthalene | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| n-Propylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Styrene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Tetrachloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Toluene | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2,3-Trichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2,4-Trichlorobenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1,1-Trichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1,2-Trichloroethane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Trichloroethene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Trichlorofluoromethane | BDL | 0.25 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2,3-Trichloropropane | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,2,4-Trimethylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| 1,3,5-Trimethylbenzene | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Vinyl chloride | BDL | 0.050 | mg/kg | 8260B | 11/01/07 | 44 |
| Xylenes, Total | 9.1 | 0.15 | mg/kg | 8260B | 11/01/07 | 44 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.8 | | % Rec. | 8260B | 11/01/07 | 44 |
| Dibromofluoromethane | 98.8 | | % Rec. | 8260B | 11/01/07 | 44 |
| 4-Bromofluorobenzene | 99.9 | | % Rec. | 8260B | 11/01/07 | 44 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 11/05/07 08:28 Printed: 11/05/07 11:42
L317465-22 (V8260) - Target compounds too high to run at a lower dilution.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-5

Collected By : RJC
Collection Date : 10/30/07 10:24

ESC Sample # : L317465-23

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.5 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 31. | 6.0 | mg/kg | 8260B | 11/02/07 | 100 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-5

Collected By : RJC
Collection Date : 10/30/07 10:24

ESC Sample # : L317465-23

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | BDL | 0.0036 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 102. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 101. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-6 6IN

Collected By : RJC
Collection Date : 10/30/07 10:50

ESC Sample # : L317465-24

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 86.6 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.16 | 0.058 | mg/kg | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.058 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Ethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-6 6IN

Collected By : RJC
Collection Date : 10/30/07 10:50

ESC Sample # : L317465-24

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0058 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Xylenes, Total | BDL | 0.0035 | mg/kg | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.6 | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 96.3 | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 87.4 | | % Rec. | 8260B | 10/31/07 | 1 |

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-7 1FT

Collected By : RJC
Collection Date : 10/30/07 10:45

ESC Sample # : L317465-25

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 87.9 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.2 | mg/kg | 8260B | 11/01/07 | 38 |
| Acrylonitrile | BDL | 0.43 | mg/kg | 8260B | 11/01/07 | 38 |
| Benzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Bromobenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Bromodichloromethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Bromoform | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Bromomethane | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| n-Butylbenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| sec-Butylbenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| tert-Butylbenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Carbon tetrachloride | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Chlorobenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Chlorodibromomethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Chloroethane | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| 2-Chloroethyl vinyl ether | BDL | 2.2 | mg/kg | 8260B | 11/01/07 | 38 |
| Chloroform | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| Chloromethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 2-Chlorotoluene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 4-Chlorotoluene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2-Dibromoethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Dibromomethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2-Dichlorobenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,3-Dichlorobenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,4-Dichlorobenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Dichlorodifluoromethane | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1-Dichloroethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2-Dichloroethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1-Dichloroethene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| cis-1,2-Dichloroethene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| trans-1,2-Dichloroethene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2-Dichloropropane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1-Dichloropropene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,3-Dichloropropane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| cis-1,3-Dichloropropene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| trans-1,3-Dichloropropene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 2,2-Dichloropropane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Di-isopropyl ether | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Ethylbenzene | 0.34 | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Hexachlorobutadiene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Isopropylbenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22-7 1FT

Collected By : RJC
Collection Date : 10/30/07 10:45

ESC Sample # : L317465-25

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 2-Butanone (MEK) | BDL | 0.43 | mg/kg | 8260B | 11/01/07 | 38 |
| Methylene Chloride | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.43 | mg/kg | 8260B | 11/01/07 | 38 |
| Methyl tert-butyl ether | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Naphthalene | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| n-Propylbenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Styrene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Tetrachloroethene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Toluene | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2,3-Trichlorobenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2,4-Trichlorobenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1,1-Trichloroethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1,2-Trichloroethane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Trichloroethene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Trichlorofluoromethane | BDL | 0.22 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2,3-Trichloropropane | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,2,4-Trimethylbenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| 1,3,5-Trimethylbenzene | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Vinyl chloride | BDL | 0.043 | mg/kg | 8260B | 11/01/07 | 38 |
| Xylenes, Total | 4.2 | 0.13 | mg/kg | 8260B | 11/01/07 | 38 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 104. | | % Rec. | 8260B | 11/01/07 | 38 |
| Dibromofluoromethane | 99.5 | | % Rec. | 8260B | 11/01/07 | 38 |
| 4-Bromofluorobenzene | 105. | | % Rec. | 8260B | 11/01/07 | 38 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22 EB

Collected By : RJC
Collection Date : 10/30/07 10:47

ESC Sample # : L317465-26

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 22 EB

Collected By : RJC
Collection Date : 10/30/07 10:47

ESC Sample # : L317465-26

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Xylenes, Total | BDL | 3.0 | ug/l | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 106. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 107. | | % Rec. | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-1 6IN

Collected By : RJC
Collection Date : 10/30/07 14:38

ESC Sample # : L317465-27

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 82.5 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.061 | mg/kg | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.061 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Ethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-1 6IN

Collected By : RJC
Collection Date : 10/30/07 14:38

ESC Sample # : L317465-27

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0061 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Xylenes, Total | BDL | 0.0036 | mg/kg | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 96.9 | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 95.9 | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 87.9 | | % Rec. | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-2 6IN

Collected By : RJC
Collection Date : 10/30/07 14:56

ESC Sample # : L317465-28

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.7 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.060 | mg/kg | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Ethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-2 6IN

Collected By : RJC
Collection Date : 10/30/07 14:56

ESC Sample # : L317465-28

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Xylenes, Total | BDL | 0.0036 | mg/kg | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 95.7 | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 97.3 | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 86.8 | | % Rec. | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description . : KB-Xylenes 20 Add 1

Sample ID : AOC 25-3 1FT

Collected By : RJC
Collection Date : 10/30/07 15:14

ESC Sample # : L317465-29

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 86.9 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 49 |
| Acrylonitrile | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 49 |
| Benzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Bromobenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Bromodichloromethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Bromoform | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Bromomethane | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| n-Butylbenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| sec-Butylbenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| tert-Butylbenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Carbon tetrachloride | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Chlorobenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Chlorodibromomethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Chloroethane | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| 2-Chloroethyl vinyl ether | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 49 |
| Chloroform | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| Chloromethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 2-Chlorotoluene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 4-Chlorotoluene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2-Dibromoethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Dibromomethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2-Dichlorobenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,3-Dichlorobenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,4-Dichlorobenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Dichlorodifluoromethane | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1-Dichloroethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2-Dichloroethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1-Dichloroethene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| cis-1,2-Dichloroethene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| trans-1,2-Dichloroethene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2-Dichloropropane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1-Dichloropropene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,3-Dichloropropane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| cis-1,3-Dichloropropene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| trans-1,3-Dichloropropene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 2,2-Dichloropropane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Di-isopropyl ether | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Ethylbenzene | 3.1 | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Hexachlorobutadiene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Isopropylbenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-3 1FT

Collected By : RJC
Collection Date : 10/30/07 15:14

ESC Sample # : L317465-29

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 2-Butanone (MEK) | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 49 |
| Methylene Chloride | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 49 |
| Methyl tert-butyl ether | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Naphthalene | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| n-Propylbenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Styrene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Tetrachloroethene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Toluene | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2,3-Trichlorobenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2,4-Trichlorobenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1,1-Trichloroethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1,2-Trichloroethane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Trichloroethene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Trichlorofluoromethane | BDL | 0.28 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2,3-Trichloropropane | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,2,4-Trimethylbenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| 1,3,5-Trimethylbenzene | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Vinyl chloride | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 49 |
| Xylenes, Total | 18. | 0.17 | mg/kg | 8260B | 11/01/07 | 49 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 107. | | % Rec. | 8260B | 11/01/07 | 49 |
| Dibromofluoromethane | 101. | | % Rec. | 8260B | 11/01/07 | 49 |
| 4-Bromofluorobenzene | 108. | | % Rec. | 8260B | 11/01/07 | 49 |

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-4 1FT

Collected By : RJC
Collection Date : 10/30/07 15:27

ESC Sample # : L317465-30

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.6 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 4.2 | 3.1 | mg/kg | 8260B | 11/02/07 | 50 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.061 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.0024 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-4 1FT

Collected By : RJC
Collection Date : 10/30/07 15:27

ESC Sample # : L317465-30

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | 0.0059 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0061 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | 0.082 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | 0.033 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.019 | 0.0037 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 103. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 101. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-5 6IN

Collected By : RJC
Collection Date : 10/30/07 15:36

ESC Sample # : L317465-31

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.5 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.060 | mg/kg | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.060 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Ethylbenzene | 0.30 | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | 0.0016 | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-5 6IN

Collected By : RJC
Collection Date : 10/30/07 15:36

ESC Sample # : L317465-31

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | 0.0016 | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0060 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | 0.0018 | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 10/31/07 | 1 |
| Xylenes, Total | 10. | 0.14 | mg/kg | 8260B | 11/01/07 | 39 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 97.3 | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 95.2 | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 105. | | % Rec. | 8260B | 10/31/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05, 2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-6 1FT

Collected By : RJC
Collection Date : 10/30/07 15:54

ESC Sample # : L317465-32

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 85.3 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.017 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit ~ Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-6 1FT

Collected By : RJC
Collection Date : 10/30/07 15:54

ESC Sample # : L317465-32

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.19 | 0.0035 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 96.6 | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 106. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-7 6IN

Collected By : RJC
Collection Date : 10/30/07 16:06

ESC Sample # : L317465-33

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 82.7 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 270 | mg/kg | 8260B | 11/01/07 | 4400 |
| Acrylonitrile | BDL | 53. | mg/kg | 8260B | 11/01/07 | 4400 |
| Benzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Bromobenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Bromodichloromethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Bromoform | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Bromomethane | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| n-Butylbenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| sec-Butylbenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| tert-Butylbenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Carbon tetrachloride | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Chlorobenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Chlorodibromomethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Chloroethane | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| 2-Chloroethyl vinyl ether | BDL | 270 | mg/kg | 8260B | 11/01/07 | 4400 |
| Chloroform | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| Chloromethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 2-Chlorotoluene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 4-Chlorotoluene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2-Dibromo-3-Chloropropane | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2-Dibromoethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Dibromomethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2-Dichlorobenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,3-Dichlorobenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,4-Dichlorobenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Dichlorodifluoromethane | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1-Dichloroethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2-Dichloroethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1-Dichloroethene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| cis-1,2-Dichloroethene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| trans-1,2-Dichloroethene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2-Dichloropropane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1-Dichloropropene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,3-Dichloropropane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| cis-1,3-Dichloropropene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| trans-1,3-Dichloropropene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 2,2-Dichloropropane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Di-isopropyl ether | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Ethylbenzene | 350 | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Hexachlorobutadiene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Isopropylbenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-7 6IN

Collected By : RJC
Collection Date : 10/30/07 16:06

ESC Sample # : L317465-33

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 2-Butanone (MEK) | BDL | 53. | mg/kg | 8260B | 11/01/07 | 4400 |
| Methylene Chloride | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 53. | mg/kg | 8260B | 11/01/07 | 4400 |
| Methyl tert-butyl ether | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Naphthalene | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| n-Propylbenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Styrene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1,1,2-Tetrachloroethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1,2,2-Tetrachloroethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Tetrachloroethene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Toluene | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2,3-Trichlorobenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2,4-Trichlorobenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1,1-Trichloroethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1,2-Trichloroethane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Trichloroethene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Trichlorofluoromethane | BDL | 27. | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2,3-Trichloropropane | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,2,4-Trimethylbenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| 1,3,5-Trimethylbenzene | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Vinyl chloride | BDL | 5.3 | mg/kg | 8260B | 11/01/07 | 4400 |
| Xylenes, Total | 1700 | 16. | mg/kg | 8260B | 11/01/07 | 4400 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 4400 |
| Dibromofluoromethane | 96.3 | | % Rec. | 8260B | 11/01/07 | 4400 |
| 4-Bromofluorobenzene | 108. | | % Rec. | 8260B | 11/01/07 | 4400 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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ENVIRONMENTAL
SCIENCE CORP.

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-8 6IN

Collected By : RJC
Collection Date : 10/30/07 16:27

ESC Sample # : L317465-34

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.2 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 46. | mg/kg | 8260B | 11/01/07 | 770 |
| Acrylonitrile | BDL | 9.2 | mg/kg | 8260B | 11/01/07 | 770 |
| Benzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Bromobenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Bromodichloromethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Bromoform | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Bromomethane | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| n-Butylbenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| sec-Butylbenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| tert-Butylbenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Carbon tetrachloride | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Chlorobenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Chlorodibromomethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Chloroethane | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| 2-Chloroethyl vinyl ether | BDL | 46. | mg/kg | 8260B | 11/01/07 | 770 |
| Chloroform | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| Chloromethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 2-Chlorotoluene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 4-Chlorotoluene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2-Dibromo-3-Chloropropane | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2-Dibromoethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Dibromomethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2-Dichlorobenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,3-Dichlorobenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,4-Dichlorobenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Dichlorodifluoromethane | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1-Dichloroethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2-Dichloroethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1-Dichloroethene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| cis-1,2-Dichloroethene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| trans-1,2-Dichloroethene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2-Dichloropropane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1-Dichloropropene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,3-Dichloropropane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| cis-1,3-Dichloropropene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| trans-1,3-Dichloropropene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 2,2-Dichloropropane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Di-isopropyl ether | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Ethylbenzene | 850 | 9.2 | mg/kg | 8260B | 11/02/07 | 7700 |
| Hexachlorobutadiene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Isopropylbenzene | 1.6 | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25-8 6IN

Collected By : RJC
Collection Date : 10/30/07 16:27

ESC Sample # : L317465-34

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 2-Butanone (MEK) | BDL | 9.2 | mg/kg | 8260B | 11/01/07 | 770 |
| Methylene Chloride | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 9.2 | mg/kg | 8260B | 11/01/07 | 770 |
| Methyl tert-butyl ether | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Naphthalene | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| n-Propylbenzene | 1.8 | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Styrene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Tetrachloroethene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Toluene | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2,3-Trichlorobenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2,4-Trichlorobenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1,1-Trichloroethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1,2-Trichloroethane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Trichloroethene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Trichlorofluoromethane | BDL | 4.6 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2,3-Trichloropropane | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,2,4-Trimethylbenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| 1,3,5-Trimethylbenzene | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Vinyl chloride | BDL | 0.92 | mg/kg | 8260B | 11/01/07 | 770 |
| Xylenes, Total | 4400 | 28. | mg/kg | 8260B | 11/02/07 | 7700 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 770 |
| Dibromofluoromethane | 95.7 | | % Rec. | 8260B | 11/01/07 | 770 |
| 4-Bromofluorobenzene | 114. | | % Rec. | 8260B | 11/01/07 | 770 |

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25 EB

Collected By : RJC
Collection Date : 10/30/07 16:16

ESC Sample # : L317465-35

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 1000 | ug/l | 8260B | 11/01/07 | 20 |
| Acrolein | BDL | 1000 | ug/l | 8260B | 11/01/07 | 20 |
| Acrylonitrile | BDL | 200 | ug/l | 8260B | 11/01/07 | 20 |
| Benzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Bromobenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Bromodichloromethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Bromoform | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Bromomethane | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| n-Butylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| sec-Butylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| tert-Butylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Carbon tetrachloride | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Chlorobenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Chlorodibromomethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Chloroethane | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| 2-Chloroethyl vinyl ether | BDL | 1000 | ug/l | 8260B | 11/01/07 | 20 |
| Chloroform | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| Chloromethane | BDL | 50. | ug/l | 8260B | 11/01/07 | 20 |
| 2-Chlorotoluene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 4-Chlorotoluene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,2-Dibromo-3-Chloropropane | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| 1,2-Dibromoethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Dibromomethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,2-Dichlorobenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,3-Dichlorobenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,4-Dichlorobenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Dichlorodifluoromethane | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| 1,1-Dichloroethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,2-Dichloroethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,1-Dichloroethene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| cis-1,2-Dichloroethene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| trans-1,2-Dichloroethene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,2-Dichloropropane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,1-Dichloropropene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,3-Dichloropropane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| cis-1,3-Dichloropropene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| trans-1,3-Dichloropropene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 2,2-Dichloropropane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Di-isopropyl ether | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Ethylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Hexachlorobutadiene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Isopropylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| p-Isopropyltoluene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L317465-35 (V8260) - Non-target compounds too high to run at a lower dilution.

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 25 EB

Collected By : RJC
Collection Date : 10/30/07 16:16

ESC Sample # : L317465-35

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 200 | ug/l | 8260B | 11/01/07 | 20 |
| Methylene Chloride | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 200 | ug/l | 8260B | 11/01/07 | 20 |
| Methyl tert-butyl ether | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Naphthalene | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| n-Propylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Styrene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,1,1,2-Tetrachloroethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,1,2,2-Tetrachloroethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Tetrachloroethene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Toluene | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| 1,2,3-Trichlorobenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,2,4-Trichlorobenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,1,1-Trichloroethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,1,2-Trichloroethane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Trichloroethene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Trichlorofluoromethane | BDL | 100 | ug/l | 8260B | 11/01/07 | 20 |
| 1,2,3-Trichloropropane | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,2,4-Trimethylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| 1,3,5-Trimethylbenzene | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Vinyl chloride | BDL | 20. | ug/l | 8260B | 11/01/07 | 20 |
| Xylenes, Total | BDL | 60. | ug/l | 8260B | 11/01/07 | 20 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 104. | | % Rec. | 8260B | 11/01/07 | 20 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 20 |
| 4-Bromofluorobenzene | 105. | | % Rec. | 8260B | 11/01/07 | 20 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L317465-35 (V8260) - Non-target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

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ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-36

Sample ID : AOC 26-1 1FT

Site ID :

Collected By : RJC
Collection Date : 10/30/07 14:50

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.7 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 16. | 11. | mg/kg | 8260B | 11/02/07 | 172 |
| Acrylonitrile | BDL | 2.1 | mg/kg | 8260B | 11/02/07 | 172 |
| Benzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Bromobenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Bromodichloromethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Bromoform | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Bromomethane | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| n-Butylbenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| sec-Butylbenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| tert-Butylbenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Carbon tetrachloride | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Chlorobenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Chlorodibromomethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Chloroethane | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| 2-Chloroethyl vinyl ether | BDL | 11. | mg/kg | 8260B | 11/02/07 | 172 |
| Chloroform | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| Chloromethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 2-Chlorotoluene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 4-Chlorotoluene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2-Dibromo-3-Chloropropane | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2-Dibromoethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Dibromomethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2-Dichlorobenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,3-Dichlorobenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,4-Dichlorobenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Dichlorodifluoromethane | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1-Dichloroethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2-Dichloroethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1-Dichloroethene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| cis-1,2-Dichloroethene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| trans-1,2-Dichloroethene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2-Dichloropropane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1-Dichloropropene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,3-Dichloropropane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| cis-1,3-Dichloropropene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| trans-1,3-Dichloropropene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 2,2-Dichloropropane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Di-isopropyl ether | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Ethylbenzene | 0.52 | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Hexachlorobutadiene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Isopropylbenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-1 1FT

Collected By : RJC
Collection Date : 10/30/07 14:50

ESC Sample # : L317465-36

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 2-Butanone (MEK) | BDL | 2.1 | mg/kg | 8260B | 11/02/07 | 172 |
| Methylene Chloride | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 2.1 | mg/kg | 8260B | 11/02/07 | 172 |
| Methyl tert-butyl ether | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Naphthalene | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| n-Propylbenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Styrene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Tetrachloroethene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Toluene | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2,3-Trichlorobenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2,4-Trichlorobenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1,1-Trichloroethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1,2-Trichloroethane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Trichloroethene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Trichlorofluoromethane | BDL | 1.1 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2,3-Trichloropropane | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,2,4-Trimethylbenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| 1,3,5-Trimethylbenzene | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Vinyl chloride | BDL | 0.21 | mg/kg | 8260B | 11/02/07 | 172 |
| Xylenes, Total | 4.1 | 0.64 | mg/kg | 8260B | 11/02/07 | 172 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 11/02/07 | 172 |
| Dibromofluoromethane | 102. | | % Rec. | 8260B | 11/02/07 | 172 |
| 4-Bromofluorobenzene | 95.2 | | % Rec. | 8260B | 11/02/07 | 172 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-2 1FT

Collected By : RJC
Collection Date : 10/30/07 15:01

ESC Sample # : L317465-37

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 83.5 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 28. | mg/kg | 8260B | 11/01/07 | 465 |
| Acrylonitrile | BDL | 5.6 | mg/kg | 8260B | 11/01/07 | 465 |
| Benzene | 1.5 | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Bromobenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Bromodichloromethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Bromoform | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Bromomethane | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| n-Butylbenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| sec-Butylbenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| tert-Butylbenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Carbon tetrachloride | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Chlorobenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Chlorodibromomethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Chloroethane | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| 2-Chloroethyl vinyl ether | BDL | 28. | mg/kg | 8260B | 11/01/07 | 465 |
| Chloroform | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| Chloromethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 2-Chlorotoluene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 4-Chlorotoluene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2-Dibromo-3-Chloropropane | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2-Dibromoethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Dibromomethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2-Dichlorobenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,3-Dichlorobenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,4-Dichlorobenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Dichlorodifluoromethane | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1-Dichloroethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2-Dichloroethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1-Dichloroethene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| cis-1,2-Dichloroethene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| trans-1,2-Dichloroethene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2-Dichloropropane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1-Dichloropropene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,3-Dichloropropane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| cis-1,3-Dichloropropene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| trans-1,3-Dichloropropene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 2,2-Dichloropropane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Di-isopropyl ether | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Ethylbenzene | 200 | 5.6 | mg/kg | 8260B | 11/02/07 | 4650 |
| Hexachlorobutadiene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Isopropylbenzene | 0.69 | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-2 1FT

Collected By : RJC
Collection Date : 10/30/07 15:01

ESC Sample # : L317465-37

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 2-Butanone (MEK) | BDL | 5.6 | mg/kg | 8260B | 11/01/07 | 465 |
| Methylene Chloride | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 5.6 | mg/kg | 8260B | 11/01/07 | 465 |
| Methyl tert-butyl ether | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Naphthalene | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| n-Propylbenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Styrene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Tetrachloroethene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Toluene | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2,3-Trichlorobenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2,4-Trichlorobenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1,1-Trichloroethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1,2-Trichloroethane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Trichloroethene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Trichlorofluoromethane | BDL | 2.8 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2,3-Trichloropropane | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,2,4-Trimethylbenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| 1,3,5-Trimethylbenzene | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Vinyl chloride | BDL | 0.56 | mg/kg | 8260B | 11/01/07 | 465 |
| Xylenes, Total | 970 | 17. | mg/kg | 8260B | 11/02/07 | 4650 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 103. | | % Rec. | 8260B | 11/01/07 | 465 |
| Dibromofluoromethane | 97.2 | | % Rec. | 8260B | 11/01/07 | 465 |
| 4-Bromofluorobenzene | 106. | | % Rec. | 8260B | 11/01/07 | 465 |

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-3 1FT

Collected By : RJC
Collection Date : 10/30/07 15:11

ESC Sample # : L317465-38

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.7 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.15 | 0.088 | mg/kg | 8260B | 11/02/07 | 75 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |

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BDL - Below Detection Limit
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-3 1FT

Collected By : RJC
Collection Date : 10/30/07 15:11

ESC Sample # : L317465-38

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 6.0 | 0.26 | mg/kg | 8260B | 11/02/07 | 75 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 108. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 98.8 | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 113. | | % Rec. | 8260B | 11/01/07 | 1 |

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REPORT OF ANALYSIS

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9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-4 1FT

Collected By : RJC
Collection Date : 10/30/07 15:20

ESC Sample # : L317465-39

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.8 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 6.1 | mg/kg | 8260B | 11/02/07 | 98 |
| Acrylonitrile | BDL | 1.2 | mg/kg | 8260B | 11/02/07 | 98 |
| Benzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Bromobenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Bromodichloromethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Bromoform | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Bromomethane | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| n-Butylbenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| sec-Butylbenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| tert-Butylbenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Carbon tetrachloride | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Chlorobenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Chlorodibromomethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Chloroethane | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| 2-Chloroethyl vinyl ether | BDL | 6.1 | mg/kg | 8260B | 11/02/07 | 98 |
| Chloroform | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| Chloromethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 2-Chlorotoluene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 4-Chlorotoluene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2-Dibromoethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Dibromomethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2-Dichlorobenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,3-Dichlorobenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,4-Dichlorobenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Dichlorodifluoromethane | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1-Dichloroethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2-Dichloroethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1-Dichloroethene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| cis-1,2-Dichloroethene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| trans 1,2-Dichloroethene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2-Dichloropropane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1-Dichloropropene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,3-Dichloropropane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| cis-1,3-Dichloropropene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| trans-1,3-Dichloropropene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 2,2-Dichloropropane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Di-isopropyl ether | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Ethylbenzene | 75. | 1.2 | mg/kg | 8260B | 11/02/07 | 980 |
| Hexachlorobutadiene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Isopropylbenzene | 0.26 | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-4 1FT

Collected By : RJC
Collection Date : 10/30/07 15:20

ESC Sample # : L317465-39

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 2-Butanone (MEK) | BDL | 1.2 | mg/kg | 8260B | 11/02/07 | 98 |
| Methylene Chloride | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 1.2 | mg/kg | 8260B | 11/02/07 | 98 |
| Methyl tert-butyl ether | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Naphthalene | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| n-Propylbenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Styrene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Tetrachloroethene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Toluene | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2,3-Trichlorobenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2,4-Trichlorobenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1,1-Trichloroethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1,2-Trichloroethane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Trichloroethene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Trichlorofluoromethane | BDL | 0.61 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2,3-Trichloropropane | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,2,4-Trimethylbenzene | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| 1,3,5-Trimethylbenzene | 0.30 | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Vinyl chloride | BDL | 0.12 | mg/kg | 8260B | 11/02/07 | 98 |
| Xylenes, Total | 380 | 3.6 | mg/kg | 8260B | 11/02/07 | 980 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/02/07 | 98 |
| Dibromofluoromethane | 97.1 | | % Rec. | 8260B | 11/02/07 | 98 |
| 4-Bromofluorobenzene | 113. | | % Rec. | 8260B | 11/02/07 | 98 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-40

Sample ID : AOC 26-5 1FT

Site ID :

Collected By : RJC
Collection Date : 10/30/07 15:37

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.4 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.061 | mg/kg | 8260B | 11/02/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromomethane | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroethane | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.061 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroform | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Ethylbenzene | 0.37 | 0.049 | mg/kg | 8260B | 11/02/07 | 40 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-5 1FT

Collected By : RJC
Collection Date : 10/30/07.15:37

ESC Sample # : L317465-40

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Methylene Chloride | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Naphthalene | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Toluene | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0061 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Xylenes, Total | 3.3 | 0.15 | mg/kg | 8260B | 11/02/07 | 40 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 101. | | % Rec. | 8260B | 11/02/07 | 1 |
| Dibromofluoromethane | 96.3 | | % Rec. | 8260B | 11/02/07 | 1 |
| 4-Bromofluorobenzene | 107. | | % Rec. | 8260B | 11/02/07 | 1 |

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-41

Sample ID : AOC 26-6 6IN

Site ID :

Collected By : RJC
Collection Date : 10/30/07 15:35

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 81.0 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 3.8 | mg/kg | 8260B | 11/02/07 | 61 |
| Acrylonitrile | BDL | 0.75 | mg/kg | 8260B | 11/02/07 | 61 |
| Benzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Bromobenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Bromodichloromethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Bromoform | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Bromomethane | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| n-Butylbenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| sec-Butylbenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| tert-Butylbenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Carbon tetrachloride | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Chlorobenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Chlorodibromomethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Chloroethane | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| 2-Chloroethyl vinyl ether | BDL | 3.8 | mg/kg | 8260B | 11/02/07 | 61 |
| Chloroform | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| Chloromethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 2-Chlorotoluene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 4-Chlorotoluene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2-Dibromoethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Dibromomethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2-Dichlorobenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,3-Dichlorobenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,4-Dichlorobenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Dichlorodifluoromethane | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1-Dichloroethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2-Dichloroethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1-Dichloroethene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| cis-1,2-Dichloroethene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| trans-1,2-Dichloroethene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2-Dichloropropane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1-Dichloropropene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,3-Dichloropropane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| cis-1,3-Dichloropropene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| trans-1,3-Dichloropropene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 2,2-Dichloropropane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Di-isopropyl ether | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Ethylbenzene | 41. | 0.75 | mg/kg | 8260B | 11/02/07 | 610 |
| Hexachlorobutadiene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Isopropylbenzene | 0.15 | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-41

Sample ID : AOC 26-6 6IN

Site ID :

Collected By : RJC
Collection Date : 10/30/07 15:35

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 2-Butanone (MEK) | BDL | 0.75 | mg/kg | 8260B | 11/02/07 | 61 |
| Methylene Chloride | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.75 | mg/kg | 8260B | 11/02/07 | 61 |
| Methyl tert-butyl ether | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Naphthalene | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| n-Propylbenzene | 0.080 | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Styrene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Tetrachloroethene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Toluene | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2,3-Trichlorobenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2,4-Trichlorobenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1,1-Trichloroethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1,2-Trichloroethane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Trichloroethene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Trichlorofluoromethane | BDL | 0.38 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2,3-Trichloropropane | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,2,4-Trimethylbenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| 1,3,5-Trimethylbenzene | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Vinyl chloride | BDL | 0.075 | mg/kg | 8260B | 11/02/07 | 61 |
| Xylenes, Total | 170 | 2.2 | mg/kg | 8260B | 11/02/07 | 610 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 100. | | % Rec. | 8260B | 11/02/07 | 61 |
| Dibromofluoromethane | 98.9 | | % Rec. | 8260B | 11/02/07 | 61 |
| 4-Bromofluorobenzene | 118. | | % Rec. | 8260B | 11/02/07 | 61 |

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

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ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-7

Collected By : RJC
Collection Date : 10/30/07 15:50

ESC Sample # : L317465-42

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 80.5 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 5.0 | mg/kg | 8260B | 11/02/07 | 80 |
| Acrylonitrile | BDL | 0.99 | mg/kg | 8260B | 11/02/07 | 80 |
| Benzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Bromobenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Bromodichloromethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Bromoform | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Bromomethane | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| n-Butylbenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| sec-Butylbenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| tert-Butylbenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Carbon tetrachloride | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Chlorobenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Chlorodibromomethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Chloroethane | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| 2-Chloroethyl vinyl ether | BDL | 5.0 | mg/kg | 8260B | 11/02/07 | 80 |
| Chloroform | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| Chloromethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 2-Chlorotoluene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 4-Chlorotoluene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2-Dibromoethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Dibromomethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2-Dichlorobenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,3-Dichlorobenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,4-Dichlorobenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Dichlorodifluoromethane | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1-Dichloroethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2-Dichloroethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1-Dichloroethene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| cis-1,2-Dichloroethene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| trans-1,2-Dichloroethene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2-Dichloropropane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1-Dichloropropene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,3-Dichloropropane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| cis-1,3-Dichloropropene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| trans-1,3-Dichloropropene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 2,2-Dichloropropane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Di-isopropyl ether | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Ethylbenzene | 180 | 5.0 | mg/kg | 8260B | 11/02/07 | 4000 |
| Hexachlorobutadiene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Isopropylbenzene | 0.69 | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26-7

Collected By : RJC
Collection Date : 10/30/07 15:50

ESC Sample # : L317465-42

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 2-Butanone (MEK) | BDL | 0.99 | mg/kg | 8260B | 11/02/07 | 80 |
| Methylene Chloride | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.99 | mg/kg | 8260B | 11/02/07 | 80 |
| Methyl tert-butyl ether | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Naphthalene | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| n-Propylbenzene | 0.27 | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Styrene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Tetrachloroethene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Toluene | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2,3-Trichlorobenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2,4-Trichlorobenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1,1-Trichloroethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1,2-Trichloroethane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Trichloroethene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Trichlorofluoromethane | BDL | 0.50 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2,3-Trichloropropane | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,2,4-Trimethylbenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| 1,3,5-Trimethylbenzene | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Vinyl chloride | BDL | 0.099 | mg/kg | 8260B | 11/02/07 | 80 |
| Xylenes, Total | 750 | 15. | mg/kg | 8260B | 11/02/07 | 4000 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 11/02/07 | 80 |
| Dibromofluoromethane | 103. | | % Rec. | 8260B | 11/02/07 | 80 |
| 4-Bromofluorobenzene | 135. | | % Rec. | 8260B | 11/02/07 | 80 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 11/05/07 08:28 Printed: 11/05/07 11:43

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26 EB

Collected By : RJC
Collection Date : 10/30/07 15:47

ESC Sample # : L317465-43

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 500 | ug/l | 8260B | 11/01/07 | 10 |
| Acrolein | BDL | 500 | ug/l | 8260B | 11/01/07 | 10 |
| Acrylonitrile | BDL | 100 | ug/l | 8260B | 11/01/07 | 10 |
| Benzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Bromobenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Bromodichloromethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Bromoform | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Bromomethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| n-Butylbenzene | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| sec-Butylbenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| tert-Butylbenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Carbon tetrachloride | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Chlorobenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Chlorodibromomethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Chloroethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| Chloroform | BDL | 500 | ug/l | 8260B | 11/01/07 | 10 |
| Chloromethane | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| 2-Chlorotoluene | BDL | 25. | ug/l | 8260B | 11/01/07 | 10 |
| 4-Chlorotoluene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2-Dibromo-3-Chloropropane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2-Dibromoethane | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| Dibromomethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2-Dichlorobenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,3-Dichlorobenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,4-Dichlorobenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Dichlorodifluoromethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,1-Dichloroethane | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2-Dichloroethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,1-Dichloroethene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| cis-1,2-Dichloroethene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| trans-1,2-Dichloroethene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2-Dichloropropane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,1-Dichloropropene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,3-Dichloropropane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| cis-1,3-Dichloropropene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| trans-1,3-Dichloropropene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 2,2-Dichloropropane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Di-isopropyl ether | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Ethylbenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Hexachlorobutadiene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Isopropylbenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| p-Isopropyltoluene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L317465-43 (V8260) - Non-target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

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November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 26 EB

Collected By : RJC
Collection Date : 10/30/07 15:47

ESC Sample # : L317465-43

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 100 | ug/l | 8260B | 11/01/07 | 10 |
| Methylene Chloride | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 100 | ug/l | 8260B | 11/01/07 | 10 |
| Methyl tert-butyl ether | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Naphthalene | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| n-Propylbenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Styrene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,1,1,2-Tetrachloroethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,1,2,2-Tetrachloroethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Tetrachloroethene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Toluene | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2,3-Trichlorobenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2,4-Trichlorobenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,1,1-Trichloroethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,1,2-Trichloroethane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Trichloroethene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Trichlorofluoromethane | BDL | 50. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2,3-Trichloropropane | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,2,4-Trimethylbenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| 1,3,5-Trimethylbenzene | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Vinyl chloride | BDL | 10. | ug/l | 8260B | 11/01/07 | 10 |
| Xylenes, Total | BDL | 30. | ug/l | 8260B | 11/01/07 | 10 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 104. | | % Rec. | 8260B | 11/01/07 | 10 |
| Dibromofluoromethane | 105. | | % Rec. | 8260B | 11/01/07 | 10 |
| 4-Bromofluorobenzene | 105. | | % Rec. | 8260B | 11/01/07 | 10 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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.
Reported: 11/05/07 08:28 Printed: 11/05/07 11:43
L317465-43 (V8260) - Non-target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

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ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-44

Sample ID : AOC 27-1 1FT

Site ID :

Collected By : RJC
Collection Date : 10/30/07 16:22

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 92.6 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.054 | mg/kg | 8260B | 11/02/07 | 1 |
| Acrylonitrile | BDL | 0.011 | mg/kg | 8260B | 11/02/07 | 1 |
| Benzene | 0.0016 | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromodichloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromoform | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromomethane | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| sec-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| tert-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Carbon tetrachloride | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorodibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroethane | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.054 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroform | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Dibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Di-isopropyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Ethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Isopropylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

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ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
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November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-1 1FT

Collected By : RJC
Collection Date : 10/30/07 16:22

ESC Sample # : L317465-44

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.011 | mg/kg | 8260B | 11/02/07 | 1 |
| Methylene Chloride | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.011 | mg/kg | 8260B | 11/02/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Naphthalene | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Propylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Styrene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Tetrachloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Toluene | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0054 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Vinyl chloride | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Xylenes, Total | BDL | 0.0032 | mg/kg | 8260B | 11/02/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 101. | | % Rec. | 8260B | 11/02/07 | 1 |
| Dibromofluoromethane | 106. | | % Rec. | 8260B | 11/02/07 | 1 |
| 4-Bromofluorobenzene | 91.5 | | % Rec. | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-2 1FT

Collected By : RJC
Collection Date : 10/30/07 16:30

ESC Sample # : L317465-45

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 79.6 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.063 | mg/kg | 8260B | 11/02/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromomethane | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroethane | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.063 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroform | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Ethylbenzene | 0.0035 | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-2 1FT

Collected By : RJC
Collection Date : 10/30/07 16:30

ESC Sample # : L317465-45

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Methylene Chloride | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Naphthalene | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Toluene | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0063 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Xylenes, Total | 0.035 | 0.0038 | mg/kg | 8260B | 11/02/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 102. | | % Rec. | 8260B | 11/02/07 | 1 |
| Dibromofluoromethane | 113. | | % Rec. | 8260B | 11/02/07 | 1 |
| 4-Bromofluorobenzene | 94.1 | | % Rec. | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-3 6IN

Collected By : RJC
Collection Date : 10/30/07 16:37

ESC Sample # : L317465-46

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 88.0 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.77 | 0.057 | mg/kg | 8260B | 11/02/07 | 1 |
| Acrylonitrile | BDL | 0.011 | mg/kg | 8260B | 11/02/07 | 1 |
| Benzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromodichloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromoform | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromomethane | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| sec-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| tert-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Carbon tetrachloride | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorodibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroethane | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.057 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroform | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Dibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Di-isopropyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Ethylbenzene | 0.0072 | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Isopropylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-3 6IN

Collected By : RJC
Collection Date : 10/30/07 16:37

ESC Sample # : L317465-46

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.011 | mg/kg | 8260B | 11/02/07 | 1 |
| Methylene Chloride | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.011 | mg/kg | 8260B | 11/02/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Naphthalene | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Propylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Styrene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Tetrachloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Toluene | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0057 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Vinyl chloride | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| Xylenes, Total | 0.046 | 0.0034 | mg/kg | 8260B | 11/02/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 99.0 | | % Rec. | 8260B | 11/02/07 | 1 |
| Dibromofluoromethane | 96.0 | | % Rec. | 8260B | 11/02/07 | 1 |
| 4-Bromofluorobenzene | 96.7 | | % Rec. | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-4 1FT

Collected By : RJC
Collection Date : 10/30/07 16:49

ESC Sample # : L317465-47

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 85.6 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.058 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.058 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 0.0090 | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-4 1FT

Collected By : RJC
Collection Date : 10/30/07 16:49

ESC Sample # : L317465-47

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0058 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.064 | 0.0035 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 93.2 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 104. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-5

Collected By : RJC
Collection Date : 10/30/07 16:27

ESC Sample # : L317465-48

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.4 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| | | | | | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-5

Collected By : RJC
Collection Date : 10/30/07 16:27

ESC Sample # : L317465-48

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.0057 | 0.0036 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 90.5 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 98.2 | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27-6 6IN

Collected By : RJC
Collection Date : 10/30/07 16:55

ESC Sample # : L317465-49

Site ID :

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 88.7 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 0.011 | mg/kg | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.056 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-49

Sample ID : AOC 27-6 6IN

Site ID :

Collected By : RJC
Collection Date : 10/30/07 16:55

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.011 | mg/kg | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.011 | mg/kg | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0011 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0056 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 0.0011 | mg/kg | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 0.011 | 0.0034 | mg/kg | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 91.9 | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 107. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 100. | | % Rec. | 8260B | 11/01/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-50

Sample ID : AOC 27-7 6IN

Site ID :

Collected By : RJC
Collection Date : 10/30/07 16:57

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Total Solids | 84.6 | 0.100 | % | 2540G | 11/02/07 | 1 |
| Volatile Organics | | | | | | |
| Acetone | 0.59 | 0.059 | mg/kg | 8260B | 11/02/07 | 1 |
| Acrylonitrile | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Benzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromodichloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromoform | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Bromomethane | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| sec-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| tert-Butylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Carbon tetrachloride | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chlorodibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroethane | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.059 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloroform | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| Chloromethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Chlorotoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dibromoethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Dibromomethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Dichlorodifluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2,2-Dichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Di-isopropyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Ethylbenzene | 0.0018 | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Hexachlorobutadiene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Isopropylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-50

Sample ID : AOC 27-7 6IN

Site ID :

Collected By : RJC
Collection Date : 10/30/07 16:57

Project # : 06.15416-C

| Parameter | Dry Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| p-Isopropyltoluene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 2-Butanone (MEK) | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Methylene Chloride | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.012 | mg/kg | 8260B | 11/02/07 | 1 |
| Methyl tert-butyl ether | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Naphthalene | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| n-Propylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Styrene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Tetrachloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Toluene | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichloroethene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Trichlorofluoromethane | BDL | 0.0059 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Vinyl chloride | BDL | 0.0012 | mg/kg | 8260B | 11/02/07 | 1 |
| Xylenes, Total | 0.016 | 0.0035 | mg/kg | 8260B | 11/02/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 98.4 | | % Rec. | 8260B | 11/02/07 | 1 |
| Dibromofluoromethane | 99.0 | | % Rec. | 8260B | 11/02/07 | 1 |
| 4-Bromofluorobenzene | 89.5 | | % Rec. | 8260B | 11/02/07 | 1 |

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-51

Sample ID : AOC 27 EB

Site ID :

Collected By : RJC
Collection Date : 10/30/07 16:52

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : AOC 27 EB

Collected By : RJC
Collection Date : 10/30/07 16:52

ESC Sample # : L317465-51

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Xylenes, Total | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| | BDL | 3.0 | ug/l | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 106. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 106. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 107. | | % Rec. | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-52

Sample ID : TRIPBLANK 1

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 10/31/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 10/31/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

ESC Sample # : L317465-52

Sample ID : TRIPBLANK 1

Site ID :

Collected By : RJC
Collection Date : 10/30/07 00:00

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 10/31/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Trichlorofluoromethane | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 5.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| Xylenes, Total | BDL | 1.0 | ug/l | 8260B | 10/31/07 | 1 |
| | BDL | 3.0 | ug/l | 8260B | 10/31/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 10/31/07 | 1 |
| Dibromofluoromethane | 105. | | % Rec. | 8260B | 10/31/07 | 1 |
| 4-Bromofluorobenzene | 107. | | % Rec. | 8260B | 10/31/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Est. 1970

REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : TRIPBLANK 2

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-53

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 2.5 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Ethylbenzene | 16. | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L317465-53 (V8260) - Duplicate analysis was performed.

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : TRIPBLANK 2

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-53

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Xylenes, Total | 88. | 3.0 | ug/l | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 117. | | % Rec. | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L317465-53 (V8260) - Duplicate analysis was performed.

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REPORT OF ANALYSIS

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ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : TRIPBLANK 3

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-54

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| Volatile Organics | | | | | | |
| Acetone | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrolein | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Acrylonitrile | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Benzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromodichloromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromoform | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Bromomethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| sec-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| tert-Butylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Carbon tetrachloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chlorodibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| Chloroform | BDL | 50. | ug/l | 8260B | 11/01/07 | 1 |
| Chloromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2-Chlorotoluene | BDL | 2.5 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Chlorotoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dibromoethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dibromomethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,4-Dichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Dichlorodifluoromethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,2-Dichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| cis-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| trans-1,3-Dichloropropene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 2,2-Dichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Di-isopropyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Ethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Hexachlorobutadiene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Isopropylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| p-Isopropyltoluene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ryan Conchilla
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

November 05,2007

Date Received : October 31, 2007
Description : KB-Xylenes 20 Add 1

Sample ID : TRIPBLANK 3

Collected By : RJC
Collection Date : 10/30/07 00:00

ESC Sample # : L317465-54

Site ID :

Project # : 06.15416-C

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methylene Chloride | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 10. | ug/l | 8260B | 11/01/07 | 1 |
| Methyl tert-butyl ether | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Naphthalene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| n-Propylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Styrene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Tetrachloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Toluene | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,1-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,1,2-Trichloroethane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichloroethene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Trichlorofluoromethane | BDL | 5.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,3-Trichloropropane | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Vinyl chloride | BDL | 1.0 | ug/l | 8260B | 11/01/07 | 1 |
| Xylenes, Total | BDL | 3.0 | ug/l | 8260B | 11/01/07 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 105. | | % Rec. | 8260B | 11/01/07 | 1 |
| Dibromofluoromethane | 104. | | % Rec. | 8260B | 11/01/07 | 1 |
| 4-Bromofluorobenzene | 107. | | % Rec. | 8260B | 11/01/07 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| L317465-02 | n-Butylbenzene | V3 |
| | 1,2-Dibromo-3-Chloropropane | V3 |
| | 1,2-Dichlorobenzene | V3 |
| | 1,4-Dichlorobenzene | V3 |
| | Hexachlorobutadiene | V3 |
| | Naphthalene | V3 |
| | 1,2,3-Trichlorobenzene | V3 |
| | 1,2,4-Trichlorobenzene | V3 |
| | 4-Bromofluorobenzene | J2 |
| L317465-03 | n-Butylbenzene | V3 |
| | 1,2-Dibromo-3-Chloropropane | V3 |
| | 1,2-Dichlorobenzene | V3 |
| | 1,4-Dichlorobenzene | V3 |
| | Hexachlorobutadiene | V3 |
| | Naphthalene | V3 |
| | 1,2,3-Trichlorobenzene | V3 |
| | 1,2,4-Trichlorobenzene | V3 |
| | 4-Bromofluorobenzene | J2 |
| L317465-05 | Bromobenzene | J5 |
| | Bromomethane | J6 |
| | Chlorobenzene | J6 |
| | Chloroethane | J6 |
| | 2-Chloroethyl vinyl ether | J3 |
| | Chloroform | J6 |
| | 1,2-Dibromo-3-Chloropropane | J3 |
| | 1,1-Dichloroethane | J6 |
| | 1,2-Dichloroethane | J3 |
| | 1,1-Dichloroethene | J6 |
| | cis-1,2-Dichloroethene | J6 |
| | trans-1,2-Dichloroethene | J6 |
| | 1,2-Dichloropropane | J6 |
| | 1,1-Dichloropropene | J6 |
| | Hexachlorobutadiene | J6J3 |
| | Isopropylbenzene | J6J3 |
| | Methyl tert-butyl ether | J3 |
| | Naphthalene | J6J3 |
| | n-Propylbenzene | J6J3 |
| | Styrene | J5 |
| | 1,1,1,2-Tetrachloroethane | J6J3 |
| | 1,2,3-Trichlorobenzene | J6J3 |
| | 1,2,4-Trichlorobenzene | J6J3 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J6 |
| L317465-06 | Xylenes, Total | E |
| L317465-08 | n-Butylbenzene | V3 |
| | 1,2-Dibromo-3-Chloropropane | V3 |
| | 1,2-Dichlorobenzene | V3 |
| | 1,4-Dichlorobenzene | V3 |
| | Hexachlorobutadiene | V3 |
| | Naphthalene | V3 |
| | 1,2,3-Trichlorobenzene | V3 |
| | 1,2,4-Trichlorobenzene | V3 |
| | 4-Bromofluorobenzene | J2 |
| L317465-09 | Acrolein | J4 |
| L317465-12 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Ethylbenzene | E |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| | Xylenes, Total | E |
| L317465-13 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| | Xylenes, Total | E |
| L317465-14 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| | Xylenes, Total | E |
| L317465-15 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| L317465-16 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| L317465-17 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| L317465-18 | Acrolein | J4 |
| L317465-19 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-20 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| L317465-21 | Bromomethane | J4J3 |
| | Chloroethane | J3 |
| | Chloromethane | J3 |
| | Dichlorodifluoromethane | J4J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichlorofluoromethane | J4J3 |
| | Vinyl chloride | J4J3 |
| L317465-22 | Benzene | J3 |
| | Bromodichloromethane | J3 |
| | Bromomethane | J4J6J3 |
| | Carbon tetrachloride | J3 |
| | Chlorodibromomethane | J3 |
| | Chloroethane | J6J3 |
| | 2-Chloroethyl vinyl ether | J3 |
| | Chloroform | J3 |
| | Chloromethane | J3 |
| | 1,2-Dibromoethane | J3 |
| | Dichlorodifluoromethane | J4J3 |

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| | 1,1-Dichloroethane | J3 |
| | 1,1-Dichloroethene | J6J3 |
| | cis-1,2-Dichloroethene | J3 |
| | 1,2-Dichloropropane | J3 |
| | 1,1-Dichloropropene | J3 |
| | 1,3-Dichloropropane | J3 |
| | 2,2-Dichloropropane | J3 |
| | Ethylbenzene | J5J3 |
| | Hexachlorobutadiene | J4 |
| | 1,1,1,2-Tetrachloroethane | J3 |
| | 1,1,2,2-Tetrachloroethane | J3 |
| | Tetrachloroethene | J3 |
| | 1,1,1-Trichloroethane | J3 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J3 |
| | Trichloroethene | J3 |
| | Trichlorofluoromethane | J4J3 |
| | 1,2,3-Trichloropropane | J3 |
| | Vinyl chloride | J4J3 |
| | Xylenes, Total | J5 |
| L317465-23 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-24 | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J3 |
| | Methylene Chloride | J4 |
| | Trichlorofluoromethane | J3 |
| L317465-25 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-26 | Acrolein | J4 |
| | cis-1,3-Dichloropropene | J4 |
| | Trichlorofluoromethane | J4 |
| L317465-27 | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J3 |
| | Methylene Chloride | J4 |
| | Trichlorofluoromethane | J3 |
| L317465-28 | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J3 |
| | Methylene Chloride | J4 |
| | Trichlorofluoromethane | J3 |
| L317465-29 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-30 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-31 | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J3 |
| | Ethylbenzene | E |
| | Methylene Chloride | J4 |
| | Trichlorofluoromethane | J3 |
| L317465-32 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-33 | Acrylonitrile | J3 |

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-34 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-35 | Acetone | O |
| | Acrolein | J4O |
| | Acrylonitrile | O |
| | Benzene | O |
| | Bromobenzene | O |
| | Bromodichloromethane | O |
| | Bromoform | O |
| | Bromomethane | O |
| | n-Butylbenzene | O |
| | sec-Butylbenzene | J6O |
| | tert-Butylbenzene | J6O |
| | Carbon tetrachloride | J6O |
| | Chlorobenzene | O |
| | Chlorodibromomethane | O |
| | Chloroethane | J6O |
| | 2-Chloroethyl vinyl ether | J6O |
| | Chloroform | O |
| | Chloromethane | J6O |
| | 2-Chlorotoluene | O |
| | 4-Chlorotoluene | O |
| | 1,2-Dibromo-3-Chloropropane | O |
| | 1,2-Dibromoethane | O |
| | Dibromomethane | O |
| | 1,2-Dichlorobenzene | O |
| | 1,3-Dichlorobenzene | O |
| | 1,4-Dichlorobenzene | O |
| | Dichlorodifluoromethane | J6O |
| | 1,1-Dichloroethane | J6O |
| | 1,2-Dichloroethane | O |
| | 1,1-Dichloroethene | J6O |
| | cis-1,2-Dichloroethene | J6O |
| | trans-1,2-Dichloroethene | J6O |
| | 1,2-Dichloropropane | O |
| | 1,1-Dichloropropene | J6O |
| | 1,3-Dichloropropane | O |
| | cis-1,3-Dichloropropene | O |
| | trans-1,3-Dichloropropene | O |
| | 2,2-Dichloropropane | J6O |
| | Di-isopropyl ether | O |
| | Ethylbenzene | J6O |
| | Hexachlorobutadiene | J6O |
| | Isopropylbenzene | J6O |
| | p-Isopropyltoluene | J6O |
| | 2-Butanone (MEK) | O |
| | Methylene Chloride | O |
| | 4-Methyl-2-pentanone (MIBK) | O |
| | Methyl tert-butyl ether | O |
| | Naphthalene | O |
| | n-Propylbenzene | J6O |
| | Styrene | O |
| | 1,1,1,2-Tetrachloroethane | O |
| | 1,1,2,2-Tetrachloroethane | O |
| | Tetrachloroethene | J6O |
| | Toluene | J6O |
| | 1,2,3-Trichlorobenzene | O |
| | 1,2,4-Trichlorobenzene | O |
| | 1,1,1-Trichloroethane | J6O |
| | 1,1,2-Trichloroethane | O |
| | Trichloroethene | J6O |

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| | Trichlorofluoromethane | J6O |
| | 1,2,3-Trichloropropane | O |
| | 1,2,4-Trimethylbenzene | O |
| | 1,3,5-Trimethylbenzene | J6O |
| | Vinyl chloride | J6O |
| | Xylenes, Total | O |
| L317465-36 | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4J3 |
| | Methyl tert-butyl ether | J4J3 |
| L317465-37 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-38 | Acrylonitrile | J3 |
| | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4 |
| | 4-Methyl-2-pentanone (MIBK) | J3 |
| | Methyl tert-butyl ether | J4 |
| L317465-39 | Acetone | J6J3 |
| | Acrylonitrile | J6 |
| | Benzene | J6J3 |
| | Bromobenzene | J6J3 |
| | Bromodichloromethane | J6J3 |
| | Bromoform | J6J3 |
| | Bromomethane | J4J6J3 |
| | n-Butylbenzene | J6J3 |
| | sec-Butylbenzene | J6J3 |
| | tert-Butylbenzene | J6J3 |
| | Carbon tetrachloride | J6J3 |
| | Chlorobenzene | J6 |
| | Chlorodibromomethane | J6J3 |
| | Chloroethane | J6 |
| | 2-Chloroethyl vinyl ether | J4J6 |
| | Chloroform | J6J3 |
| | Chloromethane | J6 |
| | 2-Chlorotoluene | J6J3 |
| | 4-Chlorotoluene | J6J3 |
| | 1,2-Dibromo-3-Chloropropane | J6J3 |
| | 1,2-Dibromoethane | J6J3 |
| | Dibromomethane | J6J3 |
| | 1,2-Dichlorobenzene | J6J3 |
| | 1,3-Dichlorobenzene | J6J3 |
| | 1,4-Dichlorobenzene | J6J3 |
| | Dichlorodifluoromethane | J6 |
| | 1,1-Dichloroethane | J6J3 |
| | 1,2-Dichloroethane | J6 |
| | 1,1-Dichloroethene | J6 |
| | cis-1,2-Dichloroethene | J6J3 |
| | trans-1,2-Dichloroethene | J6J3 |
| | 1,2-Dichloropropane | J6J3 |
| | 1,1-Dichloropropene | J6 |
| | 1,3-Dichloropropane | J6J3 |
| | cis-1,3-Dichloropropene | J6J3 |
| | trans-1,3-Dichloropropene | J6J3 |
| | 2,2-Dichloropropane | J4J6J3 |
| | Di-isopropyl ether | J6 |
| | Hexachlorobutadiene | J6 |
| | Isopropylbenzene | J6J3 |
| | p-Isopropyltoluene | J6J3 |
| | 2-Butanone (MEK) | J6J3 |
| | Methylene Chloride | J6 |
| | 4-Methyl-2-pentanone (MIBK) | J6J3 |
| | Methyl tert-butyl ether | J4J6J3 |
| | Naphthalene | J6 |
| | n-Propylbenzene | J6J3 |
| | Styrene | J6 |

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| | 1,1,1,2-Tetrachloroethane | J6 |
| | 1,1,2,2-Tetrachloroethane | J6J3 |
| | Tetrachloroethene | J6 |
| | Toluene | J6J3 |
| | 1,2,3-Trichlorobenzene | J6 |
| | 1,2,4-Trichlorobenzene | J6 |
| | 1,1,1-Trichloroethane | J6J3 |
| | 1,1,2-Trichloroethane | J6J3 |
| | 1,1,2-Trichloro-1,2,2-trifluoroethane | J6 |
| | Trichloroethene | J6J3 |
| | Trichlorofluoromethane | J6 |
| | 1,2,3-Trichloropropane | J6 |
| | 1,2,4-Trimethylbenzene | J6J3 |
| | 1,3,5-Trimethylbenzene | J6J3 |
| | Vinyl chloride | J6 |
| L317465-40 | Bromomethane | J4 |
| | 2-Chloroethyl vinyl ether | J4J3 |
| | 2,2-Dichloropropane | J4J3 |
| | Methyl tert-butyl ether | J4J3 |
| L317465-42 | 4-Bromofluorobenzene | J1 |
| L317465-43 | Acetone | O |
| | Acrolein | J4O |
| | Acrylonitrile | O |
| | Benzene | O |
| | Bromobenzene | O |
| | Bromodichloromethane | O |
| | Bromoform | O |
| | Bromomethane | O |
| | n-Butylbenzene | O |
| | sec-Butylbenzene | O |
| | tert-Butylbenzene | O |
| | Carbon tetrachloride | O |
| | Chlorobenzene | O |
| | Chlorodibromomethane | O |
| | Chloroethane | O |
| | 2-Chloroethyl vinyl ether | O |
| | Chloroform | O |
| | Chloromethane | O |
| | 2-Chlorotoluene | O |
| | 4-Chlorotoluene | O |
| | 1,2-Dibromo-3-Chloropropane | O |
| | 1,2-Dibromoethane | O |
| | Dibromomethane | O |
| | 1,2-Dichlorobenzene | O |
| | 1,3-Dichlorobenzene | O |
| | 1,4-Dichlorobenzene | O |
| | Dichlorodifluoromethane | O |
| | 1,1-Dichloroethane | O |
| | 1,2-Dichloroethane | O |
| | 1,1-Dichloroethene | O |
| | cis-1,2-Dichloroethene | O |
| | trans-1,2-Dichloroethene | O |
| | 1,2-Dichloropropane | O |
| | 1,1-Dichloropropene | O |
| | 1,3-Dichloropropane | O |
| | cis-1,3-Dichloropropene | O |
| | trans-1,3-Dichloropropene | O |
| | 2,2-Dichloropropane | O |
| | Di-isopropyl ether | O |
| | Ethylbenzene | O |
| | Hexachlorobutadiene | O |
| | Isopropylbenzene | O |
| | p-Isopropyltoluene | O |
| | 2-Butanone (MEK) | O |
| | Methylene Chloride | O |
| | 4-Methyl-2-pentanone (MIBK) | O |
| | Methyl tert-butyl ether | O |
| | Naphthalene | O |
| | n-Propylbenzene | O |
| | Styrene | O |

Attachment A
List of Analytes with QC Qualifiers

| Sample # | Analyte | Qualifier |
|---|---|---|
| | 1,1,1,2-Tetrachloroethane | O |
| | 1,1,2,2-Tetrachloroethane | O |
| | Tetrachloroethene | O |
| | Toluene | O |
| | 1,2,3-Trichlorobenzene | O |
| | 1,2,4-Trichlorobenzene | O |
| | 1,1,1-Trichloroethane | O |
| | 1,1,2-Trichloroethane | O |
| | Trichloroethene | O |
| | Trichlorofluoromethane | O |
| | 1,2,3-Trichloropropane | O |
| | 1,2,4-Trimethylbenzene | O |
| | 1,3,5-Trimethylbenzene | O |
| | Vinyl chloride | O |
| | Xylenes, Total | O |
| L317465-46 | 2-Chloroethyl vinyl ether | J4 |
| | Hexachlorobutadiene | J3 |
| L317465-47 | Hexachlorobutadiene | J3 |
| L317465-48 | Hexachlorobutadiene | J3 |
| L317465-49 | Hexachlorobutadiene | J3 |
| L317465-50 | 2-Chloroethyl vinyl ether | J4 |
| | Hexachlorobutadiene | J3 |
| L317465-51 | Acrolein | J4 |
| L317465-52 | Acrolein | J4 |
| L317465-53 | Acrolein | J4 |
| | cis-1,3-Dichloropropene | J4 |
| | Trichlorofluoromethane | J4 |
| L317465-54 | Acrolein | J4 |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|---|---|
| E | GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range. |
| J1 | Surrogate recovery limits have been exceeded; values are outside upper control limits |
| J2 | Surrogate recovery limits have been exceeded; values are outside lower control limits |
| J3 | The associated batch QC was outside the established quality control range for precision. |
| J4 | The associated batch QC was outside the established quality control range for accuracy. |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is low |
| O | (ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution. |
| J5 | The sample matrix interfered with the ability to make any accurate determination; spike value is high |
| V3 | (ESC) - Additional QC Info: The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

| | Control Limits | | | | (AQ) | (SS) |
|---|---|---|---|---|---|---|
| 2-Fluorophenol | 31-119 | Nitrobenzene-d5 | 43-118 | Dibromfluoromethane | 68-128 | 64-125 |
| Phenol-d5 | 12-134 | 2-Fluorobiphenyl | 45-128 | Toluene-d8 | 76-115 | 69-118 |
| 2,4,6-Tribromophenol | 51-141 | Terphenyl-d14 | 43-137 | 4-Bromofluorobenzene | 79-127 | 61-134 |

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
11/05/07 at 11:43:48

TSR Signing Reports: 064
R3 - Rush: Two Day

Sample: L317465-01 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-02 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-03 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-04 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-05 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-06 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-07 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-08 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-09 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-10 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-11 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-12 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-13 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-14 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-15 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-16 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-17 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-18 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-19 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-20 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-21 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-22 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-23 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-24 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-25 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-26 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-27 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-28 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-29 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-30 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-31 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-32 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-33 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-34 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-35 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-36 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-37 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-38 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-39 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-40 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-41 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28

Sample: L317465-42 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-43 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-44 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-45 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-46 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-47 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-48 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-49 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-50 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-51 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-52 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-53 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28
Sample: L317465-54 Account: ECSRTPNC Received: 10/31/07 09:00 Due Date: 11/02/07 00:00 RPT Date: 11/05/07 08:28

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
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Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Total Solids | < .1 | % | 11/01/07 10:49 | WG328109 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,1,1-Trichloroethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,1,2-Trichloroethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,1-Dichloroethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,1-Dichloroethene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,1-Dichloropropene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2,3-Trichlorobenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2,3-Trichloropropane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2,4-Trichlorobenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2,4-Trimethylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2-Dibromoethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2-Dichlorobenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2-Dichloroethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,2-Dichloropropane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,3,5-Trimethylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,3-Dichlorobenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,3-Dichloropropane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,4-Dichlorobenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 2,2-Dichloropropane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 2-Butanone (MEK) | < .01 | mg/l | 10/31/07 22:27 | WG328208 |
| 2-Chloroethyl vinyl ether | < .05 | mg/l | 10/31/07 22:27 | WG328208 |
| 2-Chlorotoluene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 4-Chlorotoluene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/l | 10/31/07 22:27 | WG328208 |
| Acetone | < .05 | mg/l | 10/31/07 22:27 | WG328208 |
| Acrolein | < .05 | mg/l | 10/31/07 22:27 | WG328208 |
| Acrylonitrile | < .01 | mg/l | 10/31/07 22:27 | WG328208 |
| Benzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Bromobenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Bromodichloromethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Bromoform | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Bromomethane | < .005 | mg/l | 10/31/07 22:27 | WG328208 |
| Carbon tetrachloride | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Chlorobenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Chlorodibromomethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Chloroethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Chloroform | < .005 | mg/l | 10/31/07 22:27 | WG328208 |
| Chloromethane | < .0025 | mg/l | 10/31/07 22:27 | WG328208 |
| cis-1,2-Dichloroethene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| cis-1,3-Dichloropropene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Di-isopropyl ether | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Dibromomethane | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Dichlorodifluoromethane | < .005 | mg/l | 10/31/07 22:27 | WG328208 |
| Ethylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Hexachlorobutadiene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Isopropylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Methyl tert-butyl ether | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Methylene Chloride | < .005 | mg/l | 10/31/07 22:27 | WG328208 |
| n-Butylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| n-Propylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Naphthalene | < .005 | mg/l | 10/31/07 22:27 | WG328208 |
| p-Isopropyltoluene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| sec-Butylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Styrene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| tert-Butylbenzene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Tetrachloroethene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | |
|---|---|---|---|---|
| Toluene | < .005 | mg/l | 10/31/07 22:27 | WG328208 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| trans-1,2-Dichloroethene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| trans-1,3-Dichloropropene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Trichloroethene | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Trichlorofluoromethane | < .005 | mg/l | 10/31/07 22:27 | WG328208 |
| Vinyl chloride | < .001 | mg/l | 10/31/07 22:27 | WG328208 |
| Xylenes, Total | < .003 | mg/l | 10/31/07 22:27 | WG328208 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1-Dichloroethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1-Dichloroethene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1-Dichloropropene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2-Dibromoethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2-Dichloroethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,2-Dichloropropane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,3-Dichloropropane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 2,2-Dichloropropane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 2-Butanone (MEK) | < .01 | mg/kg | 10/31/07 23:21 | WG328209 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 2-Chlorotoluene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 4-Chlorotoluene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 10/31/07 23:21 | WG328209 |
| Acetone | < .05 | mg/kg | 10/31/07 23:21 | WG328209 |
| Acrylonitrile | < .01 | mg/kg | 10/31/07 23:21 | WG328209 |
| Benzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Bromobenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Bromodichloromethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Bromoform | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Bromomethane | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| Carbon tetrachloride | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Chlorobenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Chlorodibromomethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Chloroethane | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| Chloroform | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| Chloromethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Di-isopropyl ether | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Dibromomethane | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Dichlorodifluoromethane | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| Ethylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Hexachlorobutadiene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Isopropylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Methyl tert-butyl ether | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Methylene Chloride | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| n-Butylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| n-Propylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |

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Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | |
|---|---|---|---|---|
| Naphthalene | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| p-Isopropyltoluene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| sec-Butylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Styrene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| tert-Butylbenzene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Tetrachloroethene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Toluene | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Trichloroethene | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Trichlorofluoromethane | < .005 | mg/kg | 10/31/07 23:21 | WG328209 |
| Vinyl chloride | < .001 | mg/kg | 10/31/07 23:21 | WG328209 |
| Xylenes, Total | < .003 | mg/kg | 10/31/07 23:21 | WG328209 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1-Dichloroethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1-Dichloroethene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1-Dichloropropene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2-Dibromoethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2-Dichloroethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,2-Dichloropropane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,3-Dichloropropane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 2,2-Dichloropropane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 2-Butanone (MEK) | < .01 | mg/kg | 10/31/07 15:35 | WG328215 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 2-Chlorotoluene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 4-Chlorotoluene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 10/31/07 15:35 | WG328215 |
| Acetone | < .05 | mg/kg | 10/31/07 15:35 | WG328215 |
| Acrylonitrile | < .01 | mg/kg | 10/31/07 15:35 | WG328215 |
| Benzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Bromobenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Bromodichloromethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Bromoform | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Bromomethane | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| Carbon tetrachloride | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Chlorobenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Chlorodibromomethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Chloroethane | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| Chloroform | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| Chloromethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Di-isopropyl ether | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Dibromomethane | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Dichlorodifluoromethane | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| Ethylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |

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Quality Assurance Report
Level II

L317465

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| | | | | |
|---|---|---|---|---|
| Hexachlorobutadiene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Isopropylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Methyl tert-butyl ether | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Methylene Chloride | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| n-Butylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| n-Propylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Naphthalene | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| p-Isopropyltoluene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| sec-Butylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Styrene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| tert-Butylbenzene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Tetrachloroethene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Toluene | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Trichloroethene | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Trichlorofluoromethane | < .005 | mg/kg | 10/31/07 15:35 | WG328215 |
| Vinyl chloride | < .001 | mg/kg | 10/31/07 15:35 | WG328215 |
| Xylenes, Total | < .003 | mg/kg | 10/31/07 15:35 | WG328215 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1-Dichloroethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1-Dichloroethene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1-Dichloropropene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2-Dibromoethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2-Dichloroethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,2-Dichloropropane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,3-Dichloropropane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 2,2-Dichloropropane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 2-Butanone (MEK) | < .01 | mg/kg | 10/31/07 23:42 | WG328221 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 2-Chlorotoluene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 4-Chlorotoluene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 10/31/07 23:42 | WG328221 |
| Acetone | < .05 | mg/kg | 10/31/07 23:42 | WG328221 |
| Acrylonitrile | < .01 | mg/kg | 10/31/07 23:42 | WG328221 |
| Benzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Bromobenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Bromodichloromethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Bromoform | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Bromomethane | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| Carbon tetrachloride | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Chlorobenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Chlorodibromomethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Chloroethane | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| Chloroform | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| Chloromethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |

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November 05, 2007

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|---|---|---|---|---|
| cis-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| cis-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Di-isopropyl ether | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Dibromomethane | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Dichlorodifluoromethane | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| Ethylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Hexachlorobutadiene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Isopropylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Methyl tert-butyl ether | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Methylene Chloride | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| n-Butylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| n-Propylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Naphthalene | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| p-Isopropyltoluene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| sec-Butylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Styrene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| tert-Butylbenzene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Tetrachloroethene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Toluene | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Trichloroethene | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Trichlorofluoromethane | < .005 | mg/kg | 10/31/07 23:42 | WG328221 |
| Vinyl chloride | < .001 | mg/kg | 10/31/07 23:42 | WG328221 |
| Xylenes, Total | < .003 | mg/kg | 10/31/07 23:42 | WG328221 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,1-Dichloroethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,1-Dichloroethene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,1-Dichloropropene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,2-Dibromoethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,2-Dichloroethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,2-Dichloropropane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,3-Dichloropropane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 2,2-Dichloropropane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/01/07 04:35 | WG328307 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 2-Chlorotoluene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 4-Chlorotoluene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 11/01/07 04:35 | WG328307 |
| Acetone | < .05 | mg/kg | 11/01/07 04:35 | WG328307 |
| Acrylonitrile | < .01 | mg/kg | 11/01/07 04:35 | WG328307 |
| Benzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Bromobenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Bromodichloromethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Bromoform | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Bromomethane | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| Carbon tetrachloride | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Chlorobenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |

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November 05, 2007

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|---|---|---|---|---|
| Chlorodibromomethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Chloroethane | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| Chloroform | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| Chloromethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Di-isopropyl ether | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Dibromomethane | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Dichlorodifluoromethane | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| Ethylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Isopropylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Methyl tert-butyl ether | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Methylene Chloride | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| n-Butylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| n-Propylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Naphthalene | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| p-Isopropyltoluene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| sec-Butylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| tert-Butylbenzene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Tetrachloroethene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Toluene | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Trichloroethene | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Trichlorofluoromethane | < .005 | mg/kg | 11/01/07 04:35 | WG328307 |
| Vinyl chloride | < .001 | mg/kg | 11/01/07 04:35 | WG328307 |
| Xylenes, Total | < .003 | mg/kg | 11/01/07 04:35 | WG328307 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/01/07 09:32 | WG328309 |
| Ethylbenzene | < .001 | mg/kg | 11/01/07 09:32 | WG328309 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,1,1-Trichloroethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,1,2-Trichloroethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,1-Dichloroethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,1-Dichloroethene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,1-Dichloropropene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2,3-Trichlorobenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2,3-Trichloropropane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2,4-Trichlorobenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2,4-Trimethylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2-Dibromoethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2-Dichlorobenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2-Dichloroethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,2-Dichloropropane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,3,5-Trimethylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,3-Dichlorobenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,3-Dichloropropane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 1,4-Dichlorobenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 2,2-Dichloropropane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 2-Butanone (MEK) | < .01 | mg/l | 11/01/07 09:32 | WG328327 |
| 2-Chloroethyl vinyl ether | < .05 | mg/l | 11/01/07 09:32 | WG328327 |
| 2-Chlorotoluene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 4-Chlorotoluene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/l | 11/01/07 09:32 | WG328327 |
| Acetone | < .05 | mg/l | 11/01/07 09:32 | WG328327 |
| Acrolein | < .05 | mg/l | 11/01/07 09:32 | WG328327 |
| Acrylonitrile | < .01 | mg/l | 11/01/07 09:32 | WG328327 |

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| | | | | |
|---|---|---|---|---|
| Benzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| Bromobenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Bromodichloromethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Bromoform | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Bromomethane | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| Carbon tetrachloride | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Chlorobenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Chlorodibromomethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Chloroethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Chloroform | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| Chloromethane | < .0025 | mg/l | 11/01/07 09:32 | WG328327 |
| cis-1,2-Dichloroethene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| cis-1,3-Dichloropropene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Di-isopropyl ether | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Dibromomethane | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Dichlorodifluoromethane | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| Ethylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Hexachlorobutadiene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Isopropylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Methyl tert-butyl ether | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Methylene Chloride | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| n-Butylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| n-Propylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Naphthalene | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| p-Isopropyltoluene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| sec-Butylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Styrene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| tert-Butylbenzene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Tetrachloroethene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Toluene | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| trans-1,2-Dichloroethene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| trans-1,3-Dichloropropene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Trichloroethene | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Trichlorofluoromethane | < .005 | mg/l | 11/01/07 09:32 | WG328327 |
| Vinyl chloride | < .001 | mg/l | 11/01/07 09:32 | WG328327 |
| Xylenes, Total | < .003 | mg/l | 11/01/07 09:32 | WG328327 |
| Total Solids | < .1 | % | 11/02/07 09:40 | WG328347 |
| Total Solids | < .1 | % | 11/02/07 09:34 | WG328348 |
| Total Solids | < .1 | % | 11/02/07 09:50 | WG328349 |
| Total Solids | < .1 | % | 11/02/07 09:46 | WG328350 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/01/07 13:50 | WG328435 |
| Acetone | < .05 | mg/kg | 11/01/07 13:50 | WG328435 |
| Ethylbenzene | < .001 | mg/kg | 11/01/07 13:50 | WG328435 |
| Xylenes, Total | < .003 | mg/kg | 11/01/07 13:50 | WG328435 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1-Dichloroethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1-Dichloroethene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1-Dichloropropene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |

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November 05, 2007

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|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,2-Dibromoethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,2-Dichloroethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,2-Dichloropropane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,3-Dichloropropane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 2,2-Dichloropropane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/01/07 15:58 | WG328455 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 2-Chlorotoluene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 4-Chlorotoluene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 11/01/07 15:58 | WG328455 |
| Acetone | < .05 | mg/kg | 11/01/07 15:58 | WG328455 |
| Acrylonitrile | < .01 | mg/kg | 11/01/07 15:58 | WG328455 |
| Benzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Bromobenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Bromodichloromethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Bromoform | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Bromomethane | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| Carbon tetrachloride | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Chlorobenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Chlorodibromomethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Chloroethane | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| Chloroform | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| Chloromethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Di-isopropyl ether | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Dibromomethane | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Dichlorodifluoromethane | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| Ethylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Hexachlorobutadiene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Isopropylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Methyl tert-butyl ether | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Methylene Chloride | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| n-Butylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| n-Propylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Naphthalene | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| p-Isopropyltoluene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| sec-Butylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Styrene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| tert-Butylbenzene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Tetrachloroethene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Toluene | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Trichloroethene | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Trichlorofluoromethane | < .005 | mg/kg | 11/01/07 15:58 | WG328455 |
| Vinyl chloride | < .001 | mg/kg | 11/01/07 15:58 | WG328455 |
| Xylenes, Total | < .003 | mg/kg | 11/01/07 15:58 | WG328455 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | |
|---|---|---|---|---|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| 1,1-Dichloroethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,1-Dichloroethene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,1-Dichloropropene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2-Dibromoethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2-Dichloroethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,2-Dichloropropane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,3-Dichloropropane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 2,2-Dichloropropane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/02/07 05:49 | WG328472 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 2-Chlorotoluene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 4-Chlorotoluene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 11/02/07 05:49 | WG328472 |
| Acetone | < .05 | mg/kg | 11/02/07 05:49 | WG328472 |
| Acrylonitrile | < .01 | mg/kg | 11/02/07 05:49 | WG328472 |
| Benzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Bromobenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Bromodichloromethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Bromoform | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Bromomethane | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| Carbon tetrachloride | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Chlorobenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Chlorodibromomethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Chloroethane | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| Chloroform | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| Chloromethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Di-isopropyl ether | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Dibromomethane | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Dichlorodifluoromethane | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| Ethylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Hexachlorobutadiene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Isopropylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Methyl tert-butyl ether | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Methylene Chloride | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| n-Butylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| n-Propylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Naphthalene | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| p-Isopropyltoluene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| sec-Butylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Styrene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| tert-Butylbenzene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Tetrachloroethene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Toluene | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Trichloroethene | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |
| Trichlorofluoromethane | < .005 | mg/kg | 11/02/07 05:49 | WG328472 |
| Vinyl chloride | < .001 | mg/kg | 11/02/07 05:49 | WG328472 |

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Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | |
|---|---|---|---|---|
| Xylenes, Total | < .003 | mg/kg | 11/02/07 05:49 | WG328472 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1-Dichloroethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1-Dichloroethene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1-Dichloropropene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2-Dibromoethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2-Dichloroethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,2-Dichloropropane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,3-Dichloropropane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 2,2-Dichloropropane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/02/07 09:04 | WG328517 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 2-Chlorotoluene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 4-Chlorotoluene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 11/02/07 09:04 | WG328517 |
| Acetone | < .05 | mg/kg | 11/02/07 09:04 | WG328517 |
| Acrylonitrile | < .01 | mg/kg | 11/02/07 09:04 | WG328517 |
| Benzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Bromobenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Bromodichloromethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Bromoform | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Bromomethane | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| Carbon tetrachloride | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Chlorobenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Chlorodibromomethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Chloroethane | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| Chloroform | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| Chloromethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Di-isopropyl ether | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Dibromomethane | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Dichlorodifluoromethane | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| Ethylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Hexachlorobutadiene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Isopropylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Methyl tert-butyl ether | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Methylene Chloride | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| n-Butylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| n-Propylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Naphthalene | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| p-Isopropyltoluene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| sec-Butylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Styrene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| tert-Butylbenzene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Tetrachloroethene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Toluene | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| trans-1,2-Dichloroethene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| trans-1,3-Dichloropropene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Trichloroethene | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Trichlorofluoromethane | < .005 | mg/kg | 11/02/07 09:04 | WG328517 |
| Vinyl chloride | < .001 | mg/kg | 11/02/07 09:04 | WG328517 |
| Xylenes, Total | < .003 | mg/kg | 11/02/07 09:04 | WG328517 |
| 1,1,1,2-Tetrachloroethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,1,1-Trichloroethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,1,2-Trichloroethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,1-Dichloroethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,1-Dichloroethene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,1-Dichloropropene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2,3-Trichlorobenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2,3-Trichloropropane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2,4-Trichlorobenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2,4-Trimethylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2-Dibromoethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2-Dichlorobenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2-Dichloroethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,2-Dichloropropane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,3,5-Trimethylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,3-Dichlorobenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,3-Dichloropropane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 1,4-Dichlorobenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 2,2-Dichloropropane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 2-Butanone (MEK) | < .01 | mg/kg | 11/02/07 06:54 | WG328522 |
| 2-Chloroethyl vinyl ether | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 2-Chlorotoluene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 4-Chlorotoluene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/kg | 11/02/07 06:54 | WG328522 |
| Acetone | < .05 | mg/kg | 11/02/07 06:54 | WG328522 |
| Acrylonitrile | < .01 | mg/kg | 11/02/07 06:54 | WG328522 |
| Benzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Bromobenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Bromodichloromethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Bromoform | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Bromomethane | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| Carbon tetrachloride | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Chlorobenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Chlorodibromomethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Chloroethane | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| Chloroform | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| Chloromethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| cis-1,2-Dichloroethene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| cis-1,3-Dichloropropene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Di-isopropyl ether | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Dibromomethane | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Dichlorodifluoromethane | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| Ethylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Hexachlorobutadiene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Isopropylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Methyl tert-butyl ether | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Methylene Chloride | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| n-Butylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| n-Propylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Naphthalene | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

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|---|---|---|---|---|
| p-Isopropyltoluene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |

Laboratory Blank

| Analyte | Result | Units | Date Analyzed | Batch |
|---|---|---|---|---|
| sec-Butylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Styrene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| tert-Butylbenzene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Tetrachloroethene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Toluene | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| trans-1,2-Dichloroethene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| trans-1,3-Dichloropropene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Trichloroethene | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Trichlorofluoromethane | < .005 | mg/kg | 11/02/07 06:54 | WG328522 |
| Vinyl chloride | < .001 | mg/kg | 11/02/07 06:54 | WG328522 |
| Xylenes, Total | < .003 | mg/kg | 11/02/07 06:54 | WG328522 |
| Ethylbenzene | < .001 | mg/kg | 11/02/07 14:12 | WG328661 |
| Xylenes, Total | < .003 | mg/kg | 11/02/07 14:12 | WG328661 |

Duplicate

| Analyte | Units | Result | Duplicate | RPD | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|
| Total Solids | % | 84.5 | 87.1 | 3.08 | 20 | L317055-08 | WG328109 |
| Total Solids | % | 80.7 | 82.4 | 2.05 | 20 | L317465-16 | WG328347 |
| Total Solids | % | 83.4 | 83.7 | 0.394 | 20 | L317465-28 | WG328348 |
| Total Solids | % | 80.2 | 80.8 | 0.687 | 20 | L317465-39 | WG328349 |
| Total Solids | % | 84.9 | 84.6 | 0.362 | 20 | L317465-50 | WG328350 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG328109 |
| 1,1,1,2-Tetrachloroethane | mg/l | .05 | 0.0586 | 117. | 61-134 | WG328208 |
| 1,1,1-Trichloroethane | mg/l | .05 | 0.0450 | 90.0 | 62-133 | WG328208 |
| 1,1,2,2-Tetrachloroethane | mg/l | .05 | 0.0516 | 103. | 66-124 | WG328208 |
| 1,1,2-Trichloroethane | mg/l | .05 | 0.0496 | 99.1 | 62-124 | WG328208 |
| 1,1-Dichloroethane | mg/l | .05 | 0.0459 | 91.7 | 59-135 | WG328208 |
| 1,1-Dichloroethene | mg/l | .05 | 0.0417 | 83.4 | 68-136 | WG328208 |
| 1,1-Dichloropropene | mg/l | .05 | 0.0490 | 98.0 | 63-125 | WG328208 |
| 1,2,3-Trichlorobenzene | mg/l | .05 | 0.0479 | 95.7 | 57-152 | WG328208 |
| 1,2,3-Trichloropropane | mg/l | .05 | 0.0522 | 104. | 62-138 | WG328208 |
| 1,2,4-Trichlorobenzene | mg/l | .05 | 0.0503 | 101. | 49-153 | WG328208 |
| 1,2,4-Trimethylbenzene | mg/l | .05 | 0.0483 | 96.7 | 61-128 | WG328208 |
| 1,2-Dibromo-3-Chloropropane | mg/l | .05 | 0.0538 | 108. | 50-139 | WG328208 |
| 1,2-Dibromoethane | mg/l | .05 | 0.0497 | 99.4 | 70-122 | WG328208 |
| 1,2-Dichlorobenzene | mg/l | .05 | 0.0491 | 98.2 | 54-135 | WG328208 |
| 1,2-Dichloroethane | mg/l | .05 | 0.0484 | 96.9 | 61-131 | WG328208 |
| 1,2-Dichloropropane | mg/l | .05 | 0.0466 | 93.2 | 64-126 | WG328208 |
| 1,3,5-Trimethylbenzene | mg/l | .05 | 0.0464 | 92.8 | 65-126 | WG328208 |
| 1,3-Dichlorobenzene | mg/l | .05 | 0.0479 | 95.8 | 45-143 | WG328208 |
| 1,3-Dichloropropane | mg/l | .05 | 0.0464 | 92.8 | 74-118 | WG328208 |
| 1,4-Dichlorobenzene | mg/l | .05 | 0.0490 | 97.9 | 48-138 | WG328208 |
| 2,2-Dichloropropane | mg/l | .05 | 0.0386 | 77.3 | 52-140 | WG328208 |
| 2-Butanone (MEK) | mg/l | .25 | 0.238 | 95.1 | 50-132 | WG328208 |
| 2-Chloroethyl vinyl ether | mg/l | .25 | 0.244 | 97.6 | 36-136 | WG328208 |
| 2-Chlorotoluene | mg/l | .05 | 0.0471 | 94.3 | 61-134 | WG328208 |
| 4-Chlorotoluene | mg/l | .05 | 0.0480 | 95.9 | 67-129 | WG328208 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | .25 | 0.267 | 107. | 47-143 | WG328208 |

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|---|---|---|---|---|---|---|
| Acetone | mg/l | .25 | 0.219 | 87.5 | 36-163 | WG328208 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Acrolein | mg/l | .25 | 0.342 | 137. | 27-122 | WG328208 |
| Acrylonitrile | mg/l | .25 | 0.254 | 102. | 44-130 | WG328208 |
| Benzene | mg/l | .05 | 0.0455 | 90.9 | 63-121 | WG328208 |
| Bromobenzene | mg/l | .05 | 0.0469 | 93.8 | 70-130 | WG328208 |
| Bromodichloromethane | mg/l | .05 | 0.0478 | 95.6 | 64-127 | WG328208 |
| Bromoform | mg/l | .05 | 0.0502 | 100. | 60-139 | WG328208 |
| Bromomethane | mg/l | .05 | 0.0456 | 91.3 | 30-125 | WG328208 |
| Carbon tetrachloride | mg/l | .05 | 0.0499 | 99.8 | 70-140 | WG328208 |
| Chlorobenzene | mg/l | .05 | 0.0463 | 92.5 | 70-126 | WG328208 |
| Chlorodibromomethane | mg/l | .05 | 0.0501 | 100. | 62-132 | WG328208 |
| Chloroethane | mg/l | .05 | 0.0468 | 93.6 | 43-146 | WG328208 |
| Chloroform | mg/l | .05 | 0.0472 | 94.4 | 65-121 | WG328208 |
| Chloromethane | mg/l | .05 | 0.0487 | 97.4 | 45-131 | WG328208 |
| cis-1,2-Dichloroethene | mg/l | .05 | 0.0458 | 91.6 | 68-123 | WG328208 |
| cis-1,3-Dichloropropene | mg/l | .05 | 0.0565 | 113. | 66-121 | WG328208 |
| Di-isopropyl ether | mg/l | .05 | 0.0446 | 89.3 | 58-127 | WG328208 |
| Dibromomethane | mg/l | .05 | 0.0475 | 95.0 | 69-119 | WG328208 |
| Dichlorodifluoromethane | mg/l | .05 | 0.0658 | 132. | 24-155 | WG328208 |
| Ethylbenzene | mg/l | .05 | 0.0464 | 92.7 | 70-121 | WG328208 |
| Hexachlorobutadiene | mg/l | .05 | 0.0515 | 103. | 60-119 | WG328208 |
| Isopropylbenzene | mg/l | .05 | 0.0490 | 98.0 | 68-128 | WG328208 |
| Methyl tert-butyl ether | mg/l | .05 | 0.0438 | 87.5 | 51-137 | WG328208 |
| Methylene Chloride | mg/l | .05 | 0.0457 | 91.4 | 53-131 | WG328208 |
| n-Butylbenzene | mg/l | .05 | 0.0515 | 103. | 59-134 | WG328208 |
| n-Propylbenzene | mg/l | .05 | 0.0486 | 97.3 | 68-123 | WG328208 |
| Naphthalene | mg/l | .05 | 0.0494 | 98.9 | 54-150 | WG328208 |
| p-Isopropyltoluene | mg/l | .05 | 0.0496 | 99.2 | 64-132 | WG328208 |
| sec-Butylbenzene | mg/l | .05 | 0.0498 | 99.7 | 67-124 | WG328208 |
| Styrene | mg/l | .05 | 0.0474 | 94.8 | 68-123 | WG328208 |
| tert-Butylbenzene | mg/l | .05 | 0.0495 | 98.9 | 65-128 | WG328208 |
| Tetrachloroethene | mg/l | .05 | 0.0501 | 100. | 64-134 | WG328208 |
| Toluene | mg/l | .05 | 0.0469 | 93.9 | 65-120 | WG328208 |
| trans-1,2-Dichloroethene | mg/l | .05 | 0.0465 | 93.0 | 59-138 | WG328208 |
| trans-1,3-Dichloropropene | mg/l | .05 | 0.0451 | 90.3 | 55-113 | WG328208 |
| Trichloroethene | mg/l | .05 | 0.0482 | 96.3 | 74-120 | WG328208 |
| Trichlorofluoromethane | mg/l | .05 | 0.0575 | 115. | 49-121 | WG328208 |
| Vinyl chloride | mg/l | .05 | 0.0545 | 109. | 46-133 | WG328208 |
| Xylenes, Total | mg/l | .15 | 0.145 | 96.6 | 68-124 | WG328208 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0501 | 100. | 66-134 | WG328209 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0461 | 92.2 | 56-142 | WG328209 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0436 | 87.2 | 68-122 | WG328209 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0464 | 92.7 | 69-118 | WG328209 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0450 | 89.9 | 62-146 | WG328209 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0457 | 91.4 | 55-133 | WG328209 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0421 | 84.2 | 65-129 | WG328209 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0471 | 94.2 | 63-130 | WG328209 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0534 | 107. | 60-149 | WG328209 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0459 | 91.8 | 65-137 | WG328209 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0523 | 105. | 59-160 | WG328209 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0495 | 99.1 | 59-138 | WG328209 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0459 | 91.8 | 51-142 | WG328209 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0469 | 93.9 | 64-129 | WG328209 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0504 | 101. | 70-126 | WG328209 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0445 | 89.0 | 55-139 | WG328209 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0464 | 92.8 | 64-124 | WG328209 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0507 | 101. | 66-132 | WG328209 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0498 | 99.6 | 64-139 | WG328209 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0467 | 93.4 | 71-122 | WG328209 |

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|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0483 | 96.7 | 66-129 | WG328209 |

| Analyte | Units | Laboratory Control Sample Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | mg/kg | .05 | 0.0447 | 89.4 | 51-149 | WG328209 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.171 | 68.4 | 47-134 | WG328209 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.223 | 89.2 | 44-142 | WG328209 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0493 | 98.6 | 64-137 | WG328209 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0470 | 94.0 | 69-133 | WG328209 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.198 | 79.2 | 55-132 | WG328209 |
| Acetone | mg/kg | .25 | 0.188 | 75.2 | 49-158 | WG328209 |
| Acrylonitrile | mg/kg | .25 | 0.179 | 71.4 | 44-126 | WG328209 |
| Benzene | mg/kg | .05 | 0.0447 | 89.4 | 65-123 | WG328209 |
| Bromobenzene | mg/kg | .05 | 0.0468 | 93.7 | 66-137 | WG328209 |
| Bromodichloromethane | mg/kg | .05 | 0.0453 | 90.6 | 67-126 | WG328209 |
| Bromoform | mg/kg | .05 | 0.0484 | 96.8 | 56-144 | WG328209 |
| Bromomethane | mg/kg | .05 | 0.0463 | 92.5 | 37-117 | WG328209 |
| Carbon tetrachloride | mg/kg | .05 | 0.0464 | 92.7 | 61-146 | WG328209 |
| Chlorobenzene | mg/kg | .05 | 0.0494 | 98.9 | 68-130 | WG328209 |
| Chlorodibromomethane | mg/kg | .05 | 0.0480 | 96.1 | 64-131 | WG328209 |
| Chloroethane | mg/kg | .05 | 0.0482 | 96.4 | 49-148 | WG328209 |
| Chloroform | mg/kg | .05 | 0.0441 | 88.1 | 63-125 | WG328209 |
| Chloromethane | mg/kg | .05 | 0.0418 | 83.5 | 41-147 | WG328209 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0430 | 86.0 | 68-121 | WG328209 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0455 | 91.0 | 69-120 | WG328209 |
| Di-isopropyl ether | mg/kg | .05 | 0.0404 | 80.7 | 58-124 | WG328209 |
| Dibromomethane | mg/kg | .05 | 0.0457 | 91.4 | 68-122 | WG328209 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0464 | 92.8 | 45-139 | WG328209 |
| Ethylbenzene | mg/kg | .05 | 0.0509 | 102. | 69-124 | WG328209 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0568 | 114. | 59-129 | WG328209 |
| Isopropylbenzene | mg/kg | .05 | 0.0512 | 102. | 69-133 | WG328209 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0418 | 83.7 | 56-132 | WG328209 |
| Methylene Chloride | mg/kg | .05 | 0.0437 | 87.4 | 55-125 | WG328209 |
| n-Butylbenzene | mg/kg | .05 | 0.0528 | 106. | 61-136 | WG328209 |
| n-Propylbenzene | mg/kg | .05 | 0.0509 | 102. | 68-129 | WG328209 |
| Naphthalene | mg/kg | .05 | 0.0491 | 98.2 | 63-146 | WG328209 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0518 | 104. | 64-141 | WG328209 |
| sec-Butylbenzene | mg/kg | .05 | 0.0508 | 102. | 66-133 | WG328209 |
| Styrene | mg/kg | .05 | 0.0490 | 97.9 | 68-126 | WG328209 |
| tert-Butylbenzene | mg/kg | .05 | 0.0500 | 99.9 | 64-136 | WG328209 |
| Tetrachloroethene | mg/kg | .05 | 0.0539 | 108. | 62-143 | WG328209 |
| Toluene | mg/kg | .05 | 0.0463 | 92.6 | 69-120 | WG328209 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0432 | 86.5 | 68-130 | WG328209 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0437 | 87.5 | 51-115 | WG328209 |
| Trichloroethene | mg/kg | .05 | 0.0488 | 97.7 | 70-124 | WG328209 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0531 | 106. | 46-131 | WG328209 |
| Vinyl chloride | mg/kg | .05 | 0.0502 | 100. | 49-133 | WG328209 |
| Xylenes, Total | mg/kg | .15 | 0.152 | 101. | 69-126 | WG328209 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0445 | 89.0 | 66-134 | WG328215 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0420 | 84.0 | 56-142 | WG328215 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0494 | 98.8 | 68-122 | WG328215 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0543 | 109. | 69-118 | WG328215 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0511 | 102. | 62-146 | WG328215 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0507 | 101. | 55-133 | WG328215 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0581 | 116. | 65-129 | WG328215 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0492 | 98.4 | 63-130 | WG328215 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0633 | 127. | 60-149 | WG328215 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0396 | 79.3 | 65-137 | WG328215 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0672 | 134. | 59-160 | WG328215 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0430 | 86.0 | 59-138 | WG328215 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0540 | 108. | 51-142 | WG328215 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0502 | 100. | 64-129 | WG328215 |

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|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0530 | 106. | 70-126 | WG328215 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | mg/kg | .05 | 0.0393 | 78.6 | 55-139 | WG328215 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0598 | 120. | 64-124 | WG328215 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0425 | 85.1 | 66-132 | WG328215 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0450 | 89.9 | 64-139 | WG328215 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0483 | 96.6 | 71-122 | WG328215 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0514 | 103. | 66-129 | WG328215 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0402 | 80.5 | 51-149 | WG328215 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.238 | 95.3 | 47-134 | WG328215 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.260 | 104. | 44-142 | WG328215 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0434 | 86.8 | 64-137 | WG328215 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0441 | 88.3 | 69-133 | WG328215 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.272 | 109. | 55-132 | WG328215 |
| Acetone | mg/kg | .25 | 0.256 | 102. | 49-158 | WG328215 |
| Acrylonitrile | mg/kg | .25 | 0.294 | 118. | 44-126 | WG328215 |
| Benzene | mg/kg | .05 | 0.0548 | 110. | 65-123 | WG328215 |
| Bromobenzene | mg/kg | .05 | 0.0435 | 86.9 | 66-137 | WG328215 |
| Bromodichloromethane | mg/kg | .05 | 0.0448 | 89.5 | 67-126 | WG328215 |
| Bromoform | mg/kg | .05 | 0.0457 | 91.4 | 56-144 | WG328215 |
| Bromomethane | mg/kg | .05 | 0.0556 | 111. | 37-117 | WG328215 |
| Carbon tetrachloride | mg/kg | .05 | 0.0396 | 79.3 | 61-146 | WG328215 |
| Chlorobenzene | mg/kg | .05 | 0.0509 | 102. | 68-130 | WG328215 |
| Chlorodibromomethane | mg/kg | .05 | 0.0442 | 88.4 | 64-131 | WG328215 |
| Chloroethane | mg/kg | .05 | 0.0541 | 108. | 49-148 | WG328215 |
| Chloroform | mg/kg | .05 | 0.0462 | 92.3 | 63-125 | WG328215 |
| Chloromethane | mg/kg | .05 | 0.0568 | 114. | 41-147 | WG328215 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0551 | 110. | 68-121 | WG328215 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0527 | 105. | 69-120 | WG328215 |
| Di-isopropyl ether | mg/kg | .05 | 0.0587 | 117. | 58-124 | WG328215 |
| Dibromomethane | mg/kg | .05 | 0.0452 | 90.3 | 68-122 | WG328215 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0464 | 92.7 | 45-139 | WG328215 |
| Ethylbenzene | mg/kg | .05 | 0.0467 | 93.4 | 69-124 | WG328215 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0573 | 115. | 59-129 | WG328215 |
| Isopropylbenzene | mg/kg | .05 | 0.0460 | 91.9 | 69-133 | WG328215 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0512 | 102. | 56-132 | WG328215 |
| Methylene Chloride | mg/kg | .05 | 0.0664 | 133. | 55-125 | WG328215 |
| n-Butylbenzene | mg/kg | .05 | 0.0552 | 110. | 61-136 | WG328215 |
| n-Propylbenzene | mg/kg | .05 | 0.0442 | 88.4 | 68-129 | WG328215 |
| Naphthalene | mg/kg | .05 | 0.0545 | 109. | 63-146 | WG328215 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0436 | 87.2 | 64-141 | WG328215 |
| sec-Butylbenzene | mg/kg | .05 | 0.0447 | 89.4 | 66-133 | WG328215 |
| Styrene | mg/kg | .05 | 0.0508 | 102. | 68-126 | WG328215 |
| tert-Butylbenzene | mg/kg | .05 | 0.0436 | 87.2 | 64-136 | WG328215 |
| Tetrachloroethene | mg/kg | .05 | 0.0485 | 97.0 | 62-143 | WG328215 |
| Toluene | mg/kg | .05 | 0.0488 | 97.7 | 69-120 | WG328215 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0574 | 115. | 68-130 | WG328215 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0480 | 96.0 | 51-115 | WG328215 |
| Trichloroethene | mg/kg | .05 | 0.0490 | 98.0 | 70-124 | WG328215 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0375 | 75.0 | 46-131 | WG328215 |
| Vinyl chloride | mg/kg | .05 | 0.0573 | 115. | 49-133 | WG328215 |
| Xylenes, Total | mg/kg | .15 | 0.138 | 92.2 | 69-126 | WG328215 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0546 | 109. | 66-134 | WG328221 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0536 | 107. | 56-142 | WG328221 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0527 | 105. | 68-122 | WG328221 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0530 | 106. | 69-118 | WG328221 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0553 | 111. | 62-146 | WG328221 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0516 | 103. | 55-133 | WG328221 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0499 | 99.8 | 65-129 | WG328221 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0564 | 113. | 63-130 | WG328221 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

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|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0651 | 130. | 60-149 | WG328221 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0559 | 112. | 65-137 | WG328221 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0656 | 131. | 59-160 | WG328221 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0573 | 115. | 59-138 | WG328221 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0590 | 118. | 51-142 | WG328221 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0544 | 109. | 64-129 | WG328221 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0575 | 115. | 70-126 | WG328221 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0512 | 102. | 55-139 | WG328221 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0510 | 102. | 64-124 | WG328221 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0580 | 116. | 66-132 | WG328221 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0576 | 115. | 64-139 | WG328221 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0534 | 107. | 71-122 | WG328221 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0565 | 113. | 66-129 | WG328221 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0524 | 105. | 51-149 | WG328221 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.234 | 93.6 | 47-134 | WG328221 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.267 | 107. | 44-142 | WG328221 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0558 | 112. | 64-137 | WG328221 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0542 | 108. | 69-133 | WG328221 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.257 | 103. | 55-132 | WG328221 |
| Acetone | mg/kg | .25 | 0.244 | 97.5 | 49-158 | WG328221 |
| Acrylonitrile | mg/kg | .25 | 0.231 | 92.5 | 44-126 | WG328221 |
| Benzene | mg/kg | .05 | 0.0508 | 102. | 65-123 | WG328221 |
| Bromobenzene | mg/kg | .05 | 0.0532 | 106. | 66-137 | WG328221 |
| Bromodichloromethane | mg/kg | .05 | 0.0502 | 100. | 67-126 | WG328221 |
| Bromoform | mg/kg | .05 | 0.0576 | 115. | 56-144 | WG328221 |
| Bromomethane | mg/kg | .05 | 0.0622 | 124. | 37-117 | WG328221 |
| Carbon tetrachloride | mg/kg | .05 | 0.0550 | 110. | 61-146 | WG328221 |
| Chlorobenzene | mg/kg | .05 | 0.0552 | 110. | 68-130 | WG328221 |
| Chlorodibromomethane | mg/kg | .05 | 0.0543 | 109. | 64-131 | WG328221 |
| Chloroethane | mg/kg | .05 | 0.0670 | 134. | 49-148 | WG328221 |
| Chloroform | mg/kg | .05 | 0.0491 | 98.3 | 63-125 | WG328221 |
| Chloromethane | mg/kg | .05 | 0.0581 | 116. | 41-147 | WG328221 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0488 | 97.6 | 68-121 | WG328221 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0510 | 102. | 69-120 | WG328221 |
| Di-isopropyl ether | mg/kg | .05 | 0.0458 | 91.7 | 58-124 | WG328221 |
| Dibromomethane | mg/kg | .05 | 0.0532 | 106. | 68-122 | WG328221 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0889 | 178. | 45-139 | WG328221 |
| Ethylbenzene | mg/kg | .05 | 0.0576 | 115. | 69-124 | WG328221 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0681 | 136. | 59-129 | WG328221 |
| Isopropylbenzene | mg/kg | .05 | 0.0582 | 116. | 69-133 | WG328221 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0496 | 99.3 | 56-132 | WG328221 |
| Methylene Chloride | mg/kg | .05 | 0.0512 | 102. | 55-125 | WG328221 |
| n-Butylbenzene | mg/kg | .05 | 0.0645 | 129. | 61-136 | WG328221 |
| n-Propylbenzene | mg/kg | .05 | 0.0594 | 119. | 68-129 | WG328221 |
| Naphthalene | mg/kg | .05 | 0.0605 | 121. | 63-146 | WG328221 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0617 | 123. | 64-141 | WG328221 |
| sec-Butylbenzene | mg/kg | .05 | 0.0595 | 119. | 66-133 | WG328221 |
| Styrene | mg/kg | .05 | 0.0552 | 110. | 68-126 | WG328221 |
| tert-Butylbenzene | mg/kg | .05 | 0.0569 | 114. | 64-136 | WG328221 |
| Tetrachloroethene | mg/kg | .05 | 0.0626 | 125. | 62-143 | WG328221 |
| Toluene | mg/kg | .05 | 0.0520 | 104. | 69-120 | WG328221 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0513 | 103. | 68-130 | WG328221 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0503 | 101. | 51-115 | WG328221 |
| Trichloroethene | mg/kg | .05 | 0.0555 | 111. | 70-124 | WG328221 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0774 | 155. | 46-131 | WG328221 |
| Vinyl chloride | mg/kg | .05 | 0.0732 | 146. | 49-133 | WG328221 |
| Xylenes, Total | mg/kg | .15 | 0.171 | 114. | 69-126 | WG328221 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0630 | 126. | 66-134 | WG328307 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0559 | 112. | 56-142 | WG328307 |

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Quality Assurance Report
Level II

L317465

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| | | | | | | |
|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0549 | 110. | 68-122 | WG328307 |

| Analyte | Units | Laboratory Control Sample Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0570 | 114. | 69-118 | WG328307 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0398 | 79.6 | 62-146 | WG328307 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0516 | 103. | 55-133 | WG328307 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0444 | 88.7 | 65-129 | WG328307 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0493 | 98.5 | 63-130 | WG328307 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0588 | 118. | 65-137 | WG328307 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0599 | 120. | 59-138 | WG328307 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0519 | 104. | 51-142 | WG328307 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0597 | 119. | 64-129 | WG328307 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0594 | 119. | 70-126 | WG328307 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0604 | 121. | 55-139 | WG328307 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0450 | 90.1 | 64-124 | WG328307 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0602 | 120. | 66-132 | WG328307 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0574 | 115. | 64-139 | WG328307 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0564 | 113. | 71-122 | WG328307 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0594 | 119. | 66-129 | WG328307 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0600 | 120. | 51-149 | WG328307 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.209 | 83.5 | 47-134 | WG328307 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.149 | 59.6 | 44-142 | WG328307 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0590 | 118. | 64-137 | WG328307 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0608 | 122. | 69-133 | WG328307 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.228 | 91.3 | 55-132 | WG328307 |
| Acetone | mg/kg | .25 | 0.229 | 91.4 | 49-158 | WG328307 |
| Acrylonitrile | mg/kg | .25 | 0.225 | 90.1 | 44-126 | WG328307 |
| Benzene | mg/kg | .05 | 0.0421 | 84.2 | 65-123 | WG328307 |
| Bromobenzene | mg/kg | .05 | 0.0582 | 116. | 66-137 | WG328307 |
| Bromodichloromethane | mg/kg | .05 | 0.0549 | 110. | 67-126 | WG328307 |
| Bromoform | mg/kg | .05 | 0.0535 | 107. | 56-144 | WG328307 |
| Bromomethane | mg/kg | .05 | 0.0573 | 115. | 37-117 | WG328307 |
| Carbon tetrachloride | mg/kg | .05 | 0.0538 | 108. | 61-146 | WG328307 |
| Chlorobenzene | mg/kg | .05 | 0.0565 | 113. | 68-130 | WG328307 |
| Chlorodibromomethane | mg/kg | .05 | 0.0652 | 130. | 64-131 | WG328307 |
| Chloroethane | mg/kg | .05 | 0.0482 | 96.4 | 49-148 | WG328307 |
| Chloroform | mg/kg | .05 | 0.0566 | 113. | 63-125 | WG328307 |
| Chloromethane | mg/kg | .05 | 0.0418 | 83.5 | 41-147 | WG328307 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0504 | 101. | 68-121 | WG328307 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0475 | 94.9 | 69-120 | WG328307 |
| Di-isopropyl ether | mg/kg | .05 | 0.0553 | 111. | 58-124 | WG328307 |
| Dibromomethane | mg/kg | .05 | 0.0411 | 82.1 | 68-122 | WG328307 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0491 | 98.1 | 45-139 | WG328307 |
| Ethylbenzene | mg/kg | .05 | 0.0531 | 106. | 69-124 | WG328307 |
| Isopropylbenzene | mg/kg | .05 | 0.0574 | 115. | 69-133 | WG328307 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0590 | 118. | 56-132 | WG328307 |
| Methylene Chloride | mg/kg | .05 | 0.0470 | 94.0 | 55-125 | WG328307 |
| n-Butylbenzene | mg/kg | .05 | 0.0583 | 117. | 61-136 | WG328307 |
| n-Propylbenzene | mg/kg | .05 | 0.0579 | 116. | 68-129 | WG328307 |
| Naphthalene | mg/kg | .05 | 0.0459 | 91.8 | 63-146 | WG328307 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0582 | 116. | 64-141 | WG328307 |
| sec-Butylbenzene | mg/kg | .05 | 0.0575 | 115. | 66-133 | WG328307 |
| tert-Butylbenzene | mg/kg | .05 | 0.0569 | 114. | 64-136 | WG328307 |
| Tetrachloroethene | mg/kg | .05 | 0.0541 | 108. | 62-143 | WG328307 |
| Toluene | mg/kg | .05 | 0.0411 | 82.2 | 69-120 | WG328307 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0461 | 92.1 | 68-130 | WG328307 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0473 | 94.6 | 51-115 | WG328307 |
| Trichloroethene | mg/kg | .05 | 0.0451 | 90.1 | 70-124 | WG328307 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0497 | 99.5 | 46-131 | WG328307 |
| Vinyl chloride | mg/kg | .05 | 0.0422 | 84.5 | 49-133 | WG328307 |
| Xylenes, Total | mg/kg | .15 | 0.156 | 104. | 69-126 | WG328307 |

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| Analyte | Units | Laboratory Control Sample Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | mg/kg | .25 | 0.241 | 96.5 | 47-134 | WG328309 |
| Ethylbenzene | mg/kg | .05 | 0.0486 | 97.1 | 69-124 | WG328309 |
| 1,1,1,2-Tetrachloroethane | mg/l | .05 | 0.0659 | 132. | 61-134 | WG328327 |
| 1,1,1-Trichloroethane | mg/l | .05 | 0.0490 | 97.9 | 62-133 | WG328327 |
| 1,1,2,2-Tetrachloroethane | mg/l | .05 | 0.0558 | 112. | 66-124 | WG328327 |
| 1,1,2-Trichloroethane | mg/l | .05 | 0.0543 | 109. | 62-124 | WG328327 |
| 1,1-Dichloroethane | mg/l | .05 | 0.0494 | 98.8 | 59-135 | WG328327 |
| 1,1-Dichloroethene | mg/l | .05 | 0.0418 | 83.6 | 68-136 | WG328327 |
| 1,1-Dichloropropene | mg/l | .05 | 0.0527 | 105. | 63-125 | WG328327 |
| 1,2,3-Trichlorobenzene | mg/l | .05 | 0.0532 | 106. | 57-152 | WG328327 |
| 1,2,3-Trichloropropane | mg/l | .05 | 0.0564 | 113. | 62-138 | WG328327 |
| 1,2,4-Trichlorobenzene | mg/l | .05 | 0.0548 | 110. | 49-153 | WG328327 |
| 1,2,4-Trimethylbenzene | mg/l | .05 | 0.0526 | 105. | 61-128 | WG328327 |
| 1,2-Dibromo-3-Chloropropane | mg/l | .05 | 0.0557 | 111. | 50-139 | WG328327 |
| 1,2-Dibromoethane | mg/l | .05 | 0.0538 | 108. | 70-122 | WG328327 |
| 1,2-Dichlorobenzene | mg/l | .05 | 0.0542 | 108. | 54-135 | WG328327 |
| 1,2-Dichloroethane | mg/l | .05 | 0.0519 | 104. | 61-131 | WG328327 |
| 1,2-Dichloropropane | mg/l | .05 | 0.0508 | 102. | 64-126 | WG328327 |
| 1,3,5-Trimethylbenzene | mg/l | .05 | 0.0514 | 103. | 65-126 | WG328327 |
| 1,3-Dichlorobenzene | mg/l | .05 | 0.0522 | 104. | 45-143 | WG328327 |
| 1,3-Dichloropropane | mg/l | .05 | 0.0514 | 103. | 74-118 | WG328327 |
| 1,4-Dichlorobenzene | mg/l | .05 | 0.0540 | 108. | 48-138 | WG328327 |
| 2,2-Dichloropropane | mg/l | .05 | 0.0413 | 82.5 | 52-140 | WG328327 |
| 2-Butanone (MEK) | mg/l | .25 | 0.242 | 96.7 | 50-132 | WG328327 |
| 2-Chloroethyl vinyl ether | mg/l | .25 | 0.262 | 105. | 36-136 | WG328327 |
| 2-Chlorotoluene | mg/l | .05 | 0.0515 | 103. | 61-134 | WG328327 |
| 4-Chlorotoluene | mg/l | .05 | 0.0529 | 106. | 67-129 | WG328327 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | .25 | 0.287 | 115. | 47-143 | WG328327 |
| Acetone | mg/l | .25 | 0.235 | 93.8 | 36-163 | WG328327 |
| Acrolein | mg/l | .25 | 0.374 | 150. | 27-122 | WG328327 |
| Acrylonitrile | mg/l | .25 | 0.270 | 108. | 44-130 | WG328327 |
| Benzene | mg/l | .05 | 0.0487 | 97.3 | 63-121 | WG328327 |
| Bromobenzene | mg/l | .05 | 0.0522 | 104. | 70-130 | WG328327 |
| Bromodichloromethane | mg/l | .05 | 0.0532 | 106. | 64-127 | WG328327 |
| Bromoform | mg/l | .05 | 0.0555 | 111. | 60-139 | WG328327 |
| Bromomethane | mg/l | .05 | 0.0505 | 101. | 30-125 | WG328327 |
| Carbon tetrachloride | mg/l | .05 | 0.0549 | 110. | 70-140 | WG328327 |
| Chlorobenzene | mg/l | .05 | 0.0516 | 103. | 70-126 | WG328327 |
| Chlorodibromomethane | mg/l | .05 | 0.0555 | 111. | 62-132 | WG328327 |
| Chloroethane | mg/l | .05 | 0.0523 | 105. | 43-146 | WG328327 |
| Chloroform | mg/l | .05 | 0.0510 | 102. | 65-121 | WG328327 |
| Chloromethane | mg/l | .05 | 0.0502 | 100. | 45-131 | WG328327 |
| cis-1,2-Dichloroethene | mg/l | .05 | 0.0495 | 98.9 | 68-123 | WG328327 |
| cis-1,3-Dichloropropene | mg/l | .05 | 0.0619 | 124. | 66-121 | WG328327 |
| Di-isopropyl ether | mg/l | .05 | 0.0472 | 94.5 | 58-127 | WG328327 |
| Dibromomethane | mg/l | .05 | 0.0507 | 101. | 69-119 | WG328327 |
| Dichlorodifluoromethane | mg/l | .05 | 0.0693 | 139. | 24-155 | WG328327 |
| Ethylbenzene | mg/l | .05 | 0.0514 | 103. | 70-121 | WG328327 |
| Hexachlorobutadiene | mg/l | .05 | 0.0556 | 111. | 60-119 | WG328327 |
| Isopropylbenzene | mg/l | .05 | 0.0536 | 107. | 68-128 | WG328327 |
| Methyl tert-butyl ether | mg/l | .05 | 0.0456 | 91.1 | 51-137 | WG328327 |
| Methylene Chloride | mg/l | .05 | 0.0490 | 98.0 | 53-131 | WG328327 |
| n-Butylbenzene | mg/l | .05 | 0.0558 | 112. | 59-134 | WG328327 |
| n-Propylbenzene | mg/l | .05 | 0.0530 | 106. | 68-123 | WG328327 |
| Naphthalene | mg/l | .05 | 0.0535 | 107. | 54-150 | WG328327 |
| p-Isopropyltoluene | mg/l | .05 | 0.0538 | 108. | 64-132 | WG328327 |
| sec-Butylbenzene | mg/l | .05 | 0.0542 | 108. | 67-124 | WG328327 |
| Styrene | mg/l | .05 | 0.0521 | 104. | 68-123 | WG328327 |
| tert-Butylbenzene | mg/l | .05 | 0.0539 | 108. | 65-128 | WG328327 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | |
|---|---|---|---|---|---|---|
| Tetrachloroethene | mg/l | .05 | 0.0553 | 111. | 64-134 | WG328327 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Toluene | mg/l | .05 | 0.0508 | 102. | 65-120 | WG328327 |
| trans-1,2-Dichloroethene | mg/l | .05 | 0.0492 | 98.5 | 59-138 | WG328327 |
| trans-1,3-Dichloropropene | mg/l | .05 | 0.0501 | 100. | 55-113 | WG328327 |
| Trichloroethene | mg/l | .05 | 0.0517 | 103. | 74-120 | WG328327 |
| Trichlorofluoromethane | mg/l | .05 | 0.0636 | 127. | 49-121 | WG328327 |
| Vinyl chloride | mg/l | .05 | 0.0570 | 114. | 46-133 | WG328327 |
| Xylenes, Total | mg/l | .15 | 0.160 | 107. | 68-124 | WG328327 |
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG328347 |
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG328348 |
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG328349 |
| Total Solids | % | 50 | 50.0 | 100. | 85-115 | WG328350 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.274 | 110. | 47-134 | WG328435 |
| Acetone | mg/kg | .25 | 0.320 | 128. | 49-158 | WG328435 |
| Ethylbenzene | mg/kg | .05 | 0.0461 | 92.2 | 69-124 | WG328435 |
| Xylenes, Total | mg/kg | .15 | 0.135 | 89.7 | 69-126 | WG328435 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0478 | 95.5 | 66-134 | WG328455 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0396 | 79.2 | 56-142 | WG328455 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0504 | 101. | 68-122 | WG328455 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0494 | 98.7 | 69-118 | WG328455 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0446 | 89.1 | 62-146 | WG328455 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0403 | 80.6 | 55-133 | WG328455 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0473 | 94.5 | 65-129 | WG328455 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0430 | 86.0 | 63-130 | WG328455 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0465 | 92.9 | 60-149 | WG328455 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0515 | 103. | 65-137 | WG328455 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0468 | 93.6 | 59-160 | WG328455 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0457 | 91.3 | 59-138 | WG328455 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0464 | 92.9 | 51-142 | WG328455 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0458 | 91.5 | 64-129 | WG328455 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0445 | 89.1 | 70-126 | WG328455 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0417 | 83.4 | 55-139 | WG328455 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0412 | 82.5 | 64-124 | WG328455 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0460 | 92.0 | 66-132 | WG328455 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0457 | 91.4 | 64-139 | WG328455 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0457 | 91.5 | 71-122 | WG328455 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0446 | 89.2 | 66-129 | WG328455 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0183 | 36.5 | 51-149 | WG328455 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.229 | 91.7 | 47-134 | WG328455 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.000514 | 0.206 | 44-142 | WG328455 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0446 | 89.2 | 64-137 | WG328455 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0433 | 86.5 | 69-133 | WG328455 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.250 | 100. | 55-132 | WG328455 |
| Acetone | mg/kg | .25 | 0.249 | 99.6 | 49-158 | WG328455 |
| Acrylonitrile | mg/kg | .25 | 0.267 | 107. | 44-126 | WG328455 |
| Benzene | mg/kg | .05 | 0.0438 | 87.6 | 65-123 | WG328455 |
| Bromobenzene | mg/kg | .05 | 0.0439 | 87.8 | 66-137 | WG328455 |
| Bromodichloromethane | mg/kg | .05 | 0.0410 | 81.9 | 67-126 | WG328455 |
| Bromoform | mg/kg | .05 | 0.0489 | 97.7 | 56-144 | WG328455 |
| Bromomethane | mg/kg | .05 | 0.0790 | 158. | 37-117 | WG328455 |
| Carbon tetrachloride | mg/kg | .05 | 0.0393 | 78.5 | 61-146 | WG328455 |
| Chlorobenzene | mg/kg | .05 | 0.0470 | 94.1 | 68-130 | WG328455 |
| Chlorodibromomethane | mg/kg | .05 | 0.0475 | 95.0 | 64-131 | WG328455 |
| Chloroethane | mg/kg | .05 | 0.0612 | 122. | 49-148 | WG328455 |

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Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | |
|---|---|---|---|---|---|---|
| Chloroform | mg/kg | .05 | 0.0422 | 84.3 | 63-125 | WG328455 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Chloromethane | mg/kg | .05 | 0.0510 | 102. | 41-147 | WG328455 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0468 | 93.6 | 68-121 | WG328455 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0418 | 83.6 | 69-120 | WG328455 |
| Di-isopropyl ether | mg/kg | .05 | 0.0448 | 89.5 | 58-124 | WG328455 |
| Dibromomethane | mg/kg | .05 | 0.0385 | 77.0 | 68-122 | WG328455 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0476 | 95.2 | 45-139 | WG328455 |
| Ethylbenzene | mg/kg | .05 | 0.0483 | 96.7 | 69-124 | WG328455 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0365 | 73.0 | 59-129 | WG328455 |
| Isopropylbenzene | mg/kg | .05 | 0.0465 | 93.0 | 69-133 | WG328455 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.00701 | 14.0 | 56-132 | WG328455 |
| Methylene Chloride | mg/kg | .05 | 0.0458 | 91.5 | 55-125 | WG328455 |
| n-Butylbenzene | mg/kg | .05 | 0.0455 | 90.9 | 61-136 | WG328455 |
| n-Propylbenzene | mg/kg | .05 | 0.0455 | 91.1 | 68-129 | WG328455 |
| Naphthalene | mg/kg | .05 | 0.0445 | 89.0 | 63-146 | WG328455 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0458 | 91.6 | 64-141 | WG328455 |
| sec-Butylbenzene | mg/kg | .05 | 0.0454 | 90.9 | 66-133 | WG328455 |
| Styrene | mg/kg | .05 | 0.0503 | 101. | 68-126 | WG328455 |
| tert-Butylbenzene | mg/kg | .05 | 0.0448 | 89.5 | 64-136 | WG328455 |
| Tetrachloroethene | mg/kg | .05 | 0.0458 | 91.6 | 62-143 | WG328455 |
| Toluene | mg/kg | .05 | 0.0419 | 83.8 | 69-120 | WG328455 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0476 | 95.1 | 68-130 | WG328455 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0394 | 78.7 | 51-115 | WG328455 |
| Trichloroethene | mg/kg | .05 | 0.0438 | 87.6 | 70-124 | WG328455 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0467 | 93.3 | 46-131 | WG328455 |
| Vinyl chloride | mg/kg | .05 | 0.0585 | 117. | 49-133 | WG328455 |
| Xylenes, Total | mg/kg | .15 | 0.146 | 97.4 | 69-126 | WG328455 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0446 | 89.3 | 66-134 | WG328472 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0447 | 89.4 | 56-142 | WG328472 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0496 | 99.2 | 68-122 | WG328472 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0540 | 108. | 69-118 | WG328472 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0534 | 107. | 62-146 | WG328472 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0485 | 96.9 | 55-133 | WG328472 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0553 | 111. | 65-129 | WG328472 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0501 | 100. | 63-130 | WG328472 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0655 | 131. | 60-149 | WG328472 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0436 | 87.3 | 65-137 | WG328472 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0701 | 140. | 59-160 | WG328472 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0474 | 94.9 | 59-138 | WG328472 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0531 | 106. | 51-142 | WG328472 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0505 | 101. | 64-129 | WG328472 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0541 | 108. | 70-126 | WG328472 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0411 | 82.3 | 55-139 | WG328472 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0553 | 111. | 64-124 | WG328472 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0467 | 93.4 | 66-132 | WG328472 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0489 | 97.9 | 64-139 | WG328472 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0490 | 98.0 | 71-122 | WG328472 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0517 | 103. | 66-129 | WG328472 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0424 | 84.9 | 51-149 | WG328472 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.243 | 97.2 | 47-134 | WG328472 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.328 | 131. | 44-142 | WG328472 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0475 | 94.9 | 64-137 | WG328472 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0482 | 96.4 | 69-133 | WG328472 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.274 | 110. | 55-132 | WG328472 |
| Acetone | mg/kg | .25 | 0.273 | 109. | 49-158 | WG328472 |
| Acrylonitrile | mg/kg | .25 | 0.273 | 109. | 44-126 | WG328472 |
| Benzene | mg/kg | .05 | 0.0520 | 104. | 65-123 | WG328472 |
| Bromobenzene | mg/kg | .05 | 0.0464 | 92.8 | 66-137 | WG328472 |
| Bromodichloromethane | mg/kg | .05 | 0.0459 | 91.8 | 67-126 | WG328472 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | Known Val | Sample Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Bromoform | mg/kg | .05 | 0.0468 | 93.5 | 56-144 | WG328472 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Bromomethane | mg/kg | .05 | 0.0351 | 70.1 | 37-117 | WG328472 |
| Carbon tetrachloride | mg/kg | .05 | 0.0434 | 86.9 | 61-146 | WG328472 |
| Chlorobenzene | mg/kg | .05 | 0.0503 | 101. | 68-130 | WG328472 |
| Chlorodibromomethane | mg/kg | .05 | 0.0458 | 91.6 | 64-131 | WG328472 |
| Chloroethane | mg/kg | .05 | 0.0511 | 102. | 49-148 | WG328472 |
| Chloroform | mg/kg | .05 | 0.0465 | 93.0 | 63-125 | WG328472 |
| Chloromethane | mg/kg | .05 | 0.0528 | 106. | 41-147 | WG328472 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0511 | 102. | 68-121 | WG328472 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0520 | 104. | 69-120 | WG328472 |
| Di-isopropyl ether | mg/kg | .05 | 0.0527 | 105. | 58-124 | WG328472 |
| Dibromomethane | mg/kg | .05 | 0.0463 | 92.5 | 68-122 | WG328472 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0334 | 66.8 | 45-139 | WG328472 |
| Ethylbenzene | mg/kg | .05 | 0.0479 | 95.8 | 69-124 | WG328472 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0598 | 120. | 59-129 | WG328472 |
| Isopropylbenzene | mg/kg | .05 | 0.0498 | 99.6 | 69-133 | WG328472 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0490 | 98.1 | 56-132 | WG328472 |
| Methylene Chloride | mg/kg | .05 | 0.0599 | 120. | 55-125 | WG328472 |
| n-Butylbenzene | mg/kg | .05 | 0.0583 | 117. | 61-136 | WG328472 |
| n-Propylbenzene | mg/kg | .05 | 0.0474 | 94.9 | 68-129 | WG328472 |
| Naphthalene | mg/kg | .05 | 0.0566 | 113. | 63-146 | WG328472 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0493 | 98.6 | 64-141 | WG328472 |
| sec-Butylbenzene | mg/kg | .05 | 0.0489 | 97.9 | 66-133 | WG328472 |
| Styrene | mg/kg | .05 | 0.0518 | 104. | 68-126 | WG328472 |
| tert-Butylbenzene | mg/kg | .05 | 0.0476 | 95.1 | 64-136 | WG328472 |
| Tetrachloroethene | mg/kg | .05 | 0.0497 | 99.3 | 62-143 | WG328472 |
| Toluene | mg/kg | .05 | 0.0483 | 96.5 | 69-120 | WG328472 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0536 | 107. | 68-130 | WG328472 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0491 | 98.1 | 51-115 | WG328472 |
| Trichloroethene | mg/kg | .05 | 0.0497 | 99.4 | 70-124 | WG328472 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0417 | 83.4 | 46-131 | WG328472 |
| Vinyl chloride | mg/kg | .05 | 0.0549 | 110. | 49-133 | WG328472 |
| Xylenes, Total | mg/kg | .15 | 0.143 | 95.2 | 69-126 | WG328472 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0557 | 111. | 66-134 | WG328517 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0435 | 87.0 | 56-142 | WG328517 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0460 | 92.0 | 68-122 | WG328517 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0499 | 99.7 | 69-118 | WG328517 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0451 | 90.3 | 62-146 | WG328517 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0409 | 81.8 | 55-133 | WG328517 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0505 | 101. | 65-129 | WG328517 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0472 | 94.3 | 63-130 | WG328517 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0497 | 99.4 | 60-149 | WG328517 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0466 | 93.2 | 65-137 | WG328517 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0536 | 107. | 59-160 | WG328517 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0563 | 113. | 59-138 | WG328517 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0339 | 67.8 | 51-142 | WG328517 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0446 | 89.1 | 64-129 | WG328517 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0475 | 95.1 | 70-126 | WG328517 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0421 | 84.3 | 55-139 | WG328517 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0435 | 87.1 | 64-124 | WG328517 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0563 | 113. | 66-132 | WG328517 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0561 | 112. | 64-139 | WG328517 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0473 | 94.6 | 71-122 | WG328517 |
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0490 | 97.9 | 66-129 | WG328517 |
| 2,2-Dichloropropane | mg/kg | .05 | 0.0161 | 32.2 | 51-149 | WG328517 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.164 | 65.7 | 47-134 | WG328517 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.000477 | 0.191 | 44-142 | WG328517 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0541 | 108. | 64-137 | WG328517 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0526 | 105. | 69-133 | WG328517 |

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Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | |
|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.192 | 76.9 | 55-132 | WG328517 |

| Analyte | Units | Laboratory Control Sample Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| Acetone | mg/kg | .25 | 0.186 | 74.4 | 49-158 | WG328517 |
| Acrylonitrile | mg/kg | .25 | 0.200 | 80.1 | 44-126 | WG328517 |
| Benzene | mg/kg | .05 | 0.0482 | 96.5 | 65-123 | WG328517 |
| Bromobenzene | mg/kg | .05 | 0.0494 | 98.8 | 66-137 | WG328517 |
| Bromodichloromethane | mg/kg | .05 | 0.0441 | 88.3 | 67-126 | WG328517 |
| Bromoform | mg/kg | .05 | 0.0477 | 95.4 | 56-144 | WG328517 |
| Bromomethane | mg/kg | .05 | 0.0811 | 162. | 37-117 | WG328517 |
| Carbon tetrachloride | mg/kg | .05 | 0.0437 | 87.4 | 61-146 | WG328517 |
| Chlorobenzene | mg/kg | .05 | 0.0559 | 112. | 68-130 | WG328517 |
| Chlorodibromomethane | mg/kg | .05 | 0.0505 | 101. | 64-131 | WG328517 |
| Chloroethane | mg/kg | .05 | 0.0589 | 118. | 49-148 | WG328517 |
| Chloroform | mg/kg | .05 | 0.0457 | 91.4 | 63-125 | WG328517 |
| Chloromethane | mg/kg | .05 | 0.0488 | 97.6 | 41-147 | WG328517 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0513 | 103. | 68-121 | WG328517 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0442 | 88.4 | 69-120 | WG328517 |
| Di-isopropyl ether | mg/kg | .05 | 0.0473 | 94.5 | 58-124 | WG328517 |
| Dibromomethane | mg/kg | .05 | 0.0377 | 75.4 | 68-122 | WG328517 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0442 | 88.3 | 45-139 | WG328517 |
| Ethylbenzene | mg/kg | .05 | 0.0582 | 116. | 69-124 | WG328517 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0425 | 85.1 | 59-129 | WG328517 |
| Isopropylbenzene | mg/kg | .05 | 0.0564 | 113. | 69-133 | WG328517 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.00481 | 9.62 | 56-132 | WG328517 |
| Methylene Chloride | mg/kg | .05 | 0.0508 | 102. | 55-125 | WG328517 |
| n-Butylbenzene | mg/kg | .05 | 0.0510 | 102. | 61-136 | WG328517 |
| n-Propylbenzene | mg/kg | .05 | 0.0559 | 112. | 68-129 | WG328517 |
| Naphthalene | mg/kg | .05 | 0.0407 | 81.4 | 63-146 | WG328517 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0571 | 114. | 64-141 | WG328517 |
| sec-Butylbenzene | mg/kg | .05 | 0.0552 | 110. | 66-133 | WG328517 |
| Styrene | mg/kg | .05 | 0.0600 | 120. | 68-126 | WG328517 |
| tert-Butylbenzene | mg/kg | .05 | 0.0545 | 109. | 64-136 | WG328517 |
| Tetrachloroethene | mg/kg | .05 | 0.0552 | 110. | 62-143 | WG328517 |
| Toluene | mg/kg | .05 | 0.0474 | 94.9 | 69-120 | WG328517 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0518 | 104. | 68-130 | WG328517 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0395 | 79.0 | 51-115 | WG328517 |
| Trichloroethene | mg/kg | .05 | 0.0492 | 98.4 | 70-124 | WG328517 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0454 | 90.9 | 46-131 | WG328517 |
| Vinyl chloride | mg/kg | .05 | 0.0564 | 113. | 49-133 | WG328517 |
| Xylenes, Total | mg/kg | .15 | 0.175 | 117. | 69-126 | WG328517 |
| 1,1,1,2-Tetrachloroethane | mg/kg | .05 | 0.0534 | 107. | 66-134 | WG328522 |
| 1,1,1-Trichloroethane | mg/kg | .05 | 0.0382 | 76.5 | 56-142 | WG328522 |
| 1,1,2,2-Tetrachloroethane | mg/kg | .05 | 0.0536 | 107. | 68-122 | WG328522 |
| 1,1,2-Trichloroethane | mg/kg | .05 | 0.0505 | 101. | 69-118 | WG328522 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | .05 | 0.0360 | 72.1 | 62-146 | WG328522 |
| 1,1-Dichloroethane | mg/kg | .05 | 0.0408 | 81.7 | 55-133 | WG328522 |
| 1,1-Dichloroethene | mg/kg | .05 | 0.0398 | 79.6 | 65-129 | WG328522 |
| 1,1-Dichloropropene | mg/kg | .05 | 0.0403 | 80.7 | 63-130 | WG328522 |
| 1,2,3-Trichlorobenzene | mg/kg | .05 | 0.0458 | 91.7 | 60-149 | WG328522 |
| 1,2,3-Trichloropropane | mg/kg | .05 | 0.0484 | 96.9 | 65-137 | WG328522 |
| 1,2,4-Trichlorobenzene | mg/kg | .05 | 0.0426 | 85.2 | 59-160 | WG328522 |
| 1,2,4-Trimethylbenzene | mg/kg | .05 | 0.0463 | 92.5 | 59-138 | WG328522 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | .05 | 0.0550 | 110. | 51-142 | WG328522 |
| 1,2-Dibromoethane | mg/kg | .05 | 0.0531 | 106. | 64-129 | WG328522 |
| 1,2-Dichlorobenzene | mg/kg | .05 | 0.0472 | 94.4 | 70-126 | WG328522 |
| 1,2-Dichloroethane | mg/kg | .05 | 0.0388 | 77.6 | 55-139 | WG328522 |
| 1,2-Dichloropropane | mg/kg | .05 | 0.0425 | 85.1 | 64-124 | WG328522 |
| 1,3,5-Trimethylbenzene | mg/kg | .05 | 0.0486 | 97.2 | 66-132 | WG328522 |
| 1,3-Dichlorobenzene | mg/kg | .05 | 0.0504 | 101. | 64-139 | WG328522 |
| 1,3-Dichloropropane | mg/kg | .05 | 0.0481 | 96.2 | 71-122 | WG328522 |

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9001 Glenwood Ave

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Level II

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| | | | | | | |
|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | mg/kg | .05 | 0.0437 | 87.4 | 66-129 | WG328522 |

Laboratory Control Sample

| Analyte | Units | Known Val | Result | % Rec | Limit | Batch |
|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | mg/kg | .05 | 0.0351 | 70.3 | 51-149 | WG328522 |
| 2-Butanone (MEK) | mg/kg | .25 | 0.226 | 90.5 | 47-134 | WG328522 |
| 2-Chloroethyl vinyl ether | mg/kg | .25 | 0.406 | 162. | 44-142 | WG328522 |
| 2-Chlorotoluene | mg/kg | .05 | 0.0462 | 92.4 | 64-137 | WG328522 |
| 4-Chlorotoluene | mg/kg | .05 | 0.0456 | 91.1 | 69-133 | WG328522 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | .25 | 0.256 | 102. | 55-132 | WG328522 |
| Acetone | mg/kg | .25 | 0.210 | 83.9 | 49-158 | WG328522 |
| Acrylonitrile | mg/kg | .25 | 0.229 | 91.5 | 44-126 | WG328522 |
| Benzene | mg/kg | .05 | 0.0413 | 82.5 | 65-123 | WG328522 |
| Bromobenzene | mg/kg | .05 | 0.0457 | 91.5 | 66-137 | WG328522 |
| Bromodichloromethane | mg/kg | .05 | 0.0432 | 86.5 | 67-126 | WG328522 |
| Bromoform | mg/kg | .05 | 0.0587 | 117. | 56-144 | WG328522 |
| Bromomethane | mg/kg | .05 | 0.0428 | 85.6 | 37-117 | WG328522 |
| Carbon tetrachloride | mg/kg | .05 | 0.0385 | 77.0 | 61-146 | WG328522 |
| Chlorobenzene | mg/kg | .05 | 0.0503 | 101. | 68-130 | WG328522 |
| Chlorodibromomethane | mg/kg | .05 | 0.0525 | 105. | 64-131 | WG328522 |
| Chloroethane | mg/kg | .05 | 0.0450 | 90.0 | 49-148 | WG328522 |
| Chloroform | mg/kg | .05 | 0.0405 | 81.1 | 63-125 | WG328522 |
| Chloromethane | mg/kg | .05 | 0.0474 | 94.7 | 41-147 | WG328522 |
| cis-1,2-Dichloroethene | mg/kg | .05 | 0.0454 | 90.8 | 68-121 | WG328522 |
| cis-1,3-Dichloropropene | mg/kg | .05 | 0.0448 | 89.7 | 69-120 | WG328522 |
| Di-isopropyl ether | mg/kg | .05 | 0.0427 | 85.4 | 58-124 | WG328522 |
| Dibromomethane | mg/kg | .05 | 0.0472 | 94.3 | 68-122 | WG328522 |
| Dichlorodifluoromethane | mg/kg | .05 | 0.0584 | 117. | 45-139 | WG328522 |
| Ethylbenzene | mg/kg | .05 | 0.0504 | 101. | 69-124 | WG328522 |
| Hexachlorobutadiene | mg/kg | .05 | 0.0478 | 95.6 | 59-129 | WG328522 |
| Isopropylbenzene | mg/kg | .05 | 0.0496 | 99.3 | 69-133 | WG328522 |
| Methyl tert-butyl ether | mg/kg | .05 | 0.0448 | 89.6 | 56-132 | WG328522 |
| Methylene Chloride | mg/kg | .05 | 0.0380 | 76.0 | 55-125 | WG328522 |
| n-Butylbenzene | mg/kg | .05 | 0.0403 | 80.6 | 61-136 | WG328522 |
| n-Propylbenzene | mg/kg | .05 | 0.0459 | 91.8 | 68-129 | WG328522 |
| Naphthalene | mg/kg | .05 | 0.0509 | 102. | 63-146 | WG328522 |
| p-Isopropyltoluene | mg/kg | .05 | 0.0494 | 98.7 | 64-141 | WG328522 |
| sec-Butylbenzene | mg/kg | .05 | 0.0498 | 99.6 | 66-133 | WG328522 |
| Styrene | mg/kg | .05 | 0.0527 | 105. | 68-126 | WG328522 |
| tert-Butylbenzene | mg/kg | .05 | 0.0510 | 102. | 64-136 | WG328522 |
| Tetrachloroethene | mg/kg | .05 | 0.0501 | 100. | 62-143 | WG328522 |
| Toluene | mg/kg | .05 | 0.0447 | 89.4 | 69-120 | WG328522 |
| trans-1,2-Dichloroethene | mg/kg | .05 | 0.0430 | 86.0 | 68-130 | WG328522 |
| trans-1,3-Dichloropropene | mg/kg | .05 | 0.0440 | 88.0 | 51-115 | WG328522 |
| Trichloroethene | mg/kg | .05 | 0.0430 | 86.1 | 70-124 | WG328522 |
| Trichlorofluoromethane | mg/kg | .05 | 0.0421 | 84.3 | 46-131 | WG328522 |
| Vinyl chloride | mg/kg | .05 | 0.0453 | 90.7 | 49-133 | WG328522 |
| Xylenes, Total | mg/kg | .15 | 0.151 | 101. | 69-126 | WG328522 |
| Ethylbenzene | mg/kg | .05 | 0.0474 | 94.8 | 69-124 | WG328661 |
| Xylenes, Total | mg/kg | .15 | 0.150 | 99.8 | 69-126 | WG328661 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | mg/l | 0.0597 | 0.0586 | 1.90 | 17 | 119 | WG328208 |
| 1,1,1-Trichloroethane | mg/l | 0.0442 | 0.0450 | 1.71 | 17 | 88 | WG328208 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.0523 | 0.0516 | 1.35 | 16 | 105 | WG328208 |
| 1,1,2-Trichloroethane | mg/l | 0.0507 | 0.0496 | 2.37 | 16 | 101 | WG328208 |
| 1,1-Dichloroethane | mg/l | 0.0443 | 0.0459 | 3.37 | 22 | 89 | WG328208 |
| 1,1-Dichloroethene | mg/l | 0.0410 | 0.0417 | 1.55 | 17 | 82 | WG328208 |
| 1,1-Dichloropropene | mg/l | 0.0481 | 0.0490 | 1.83 | 17 | 96 | WG328208 |
| 1,2,3-Trichlorobenzene | mg/l | 0.0513 | 0.0479 | 6.87 | 19 | 103 | WG328208 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | mg/l | 0.0535 | 0.0522 | 2.33 | 18 | 107 | WG328208 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | mg/l | 0.0512 | 0.0503 | 1.82 | 20 | 102 | WG328208 |
| 1,2,4-Trimethylbenzene | mg/l | 0.0492 | 0.0483 | 1.78 | 18 | 98 | WG328208 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.0536 | 0.0538 | 0.376 | 19 | 107 | WG328208 |
| 1,2-Dibromoethane | mg/l | 0.0487 | 0.0497 | 2.03 | 16 | 97 | WG328208 |
| 1,2-Dichlorobenzene | mg/l | 0.0493 | 0.0491 | 0.302 | 16 | 99 | WG328208 |
| 1,2-Dichloroethane | mg/l | 0.0469 | 0.0484 | 3.16 | 15 | 94 | WG328208 |
| 1,2-Dichloropropane | mg/l | 0.0461 | 0.0466 | 1.03 | 18 | 92 | WG328208 |
| 1,3,5-Trimethylbenzene | mg/l | 0.0474 | 0.0464 | 2.17 | 17 | 95 | WG328208 |
| 1,3-Dichlorobenzene | mg/l | 0.0488 | 0.0479 | 1.79 | 17 | 98 | WG328208 |
| 1,3-Dichloropropane | mg/l | 0.0477 | 0.0464 | 2.73 | 15 | 95 | WG328208 |
| 1,4-Dichlorobenzene | mg/l | 0.0492 | 0.0490 | 0.574 | 17 | 98 | WG328208 |
| 2,2-Dichloropropane | mg/l | 0.0368 | 0.0386 | 4.79 | 21 | 74 | WG328208 |
| 2-Butanone (MEK) | mg/l | 0.230 | 0.238 | 3.18 | 21 | 92 | WG328208 |
| 2-Chloroethyl vinyl ether | mg/l | 0.237 | 0.244 | 3.03 | 28 | 95 | WG328208 |
| 2-Chlorotoluene | mg/l | 0.0478 | 0.0471 | 1.46 | 26 | 96 | WG328208 |
| 4-Chlorotoluene | mg/l | 0.0485 | 0.0480 | 1.22 | 17 | 97 | WG328208 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.256 | 0.267 | 4.17 | 21 | 102 | WG328208 |
| Acetone | mg/l | 0.226 | 0.219 | 3.05 | 20 | 90 | WG328208 |
| Acrolein | mg/l | 0.344 | 0.342 | 0.558 | 13 | 138 | WG328208 |
| Acrylonitrile | mg/l | 0.246 | 0.254 | 3.01 | 20 | 99 | WG328208 |
| Benzene | mg/l | 0.0443 | 0.0455 | 2.66 | 16 | 89 | WG328208 |
| Bromobenzene | mg/l | 0.0483 | 0.0469 | 2.84 | 16 | 97 | WG328208 |
| Bromodichloromethane | mg/l | 0.0469 | 0.0478 | 1.92 | 17 | 94 | WG328208 |
| Bromoform | mg/l | 0.0504 | 0.0502 | 0.356 | 15 | 101 | WG328208 |
| Bromomethane | mg/l | 0.0465 | 0.0456 | 1.85 | 21 | 93 | WG328208 |
| Carbon tetrachloride | mg/l | 0.0482 | 0.0499 | 3.54 | 17 | 96 | WG328208 |
| Chlorobenzene | mg/l | 0.0473 | 0.0463 | 2.32 | 16 | 95 | WG328208 |
| Chlorodibromomethane | mg/l | 0.0508 | 0.0501 | 1.49 | 15 | 102 | WG328208 |
| Chloroethane | mg/l | 0.0462 | 0.0468 | 1.34 | 24 | 92 | WG328208 |
| Chloroform | mg/l | 0.0458 | 0.0472 | 3.05 | 15 | 92 | WG328208 |
| Chloromethane | mg/l | 0.0479 | 0.0487 | 1.61 | 22 | 96 | WG328208 |
| cis-1,2-Dichloroethene | mg/l | 0.0451 | 0.0458 | 1.61 | 15 | 90 | WG328208 |
| cis-1,3-Dichloropropene | mg/l | 0.0549 | 0.0565 | 2.85 | 18 | 110 | WG328208 |
| Di-isopropyl ether | mg/l | 0.0431 | 0.0446 | 3.51 | 18 | 86 | WG328208 |
| Dibromomethane | mg/l | 0.0465 | 0.0475 | 2.22 | 16 | 93 | WG328208 |
| Dichlorodifluoromethane | mg/l | 0.0650 | 0.0658 | 1.35 | 22 | 130 | WG328208 |
| Ethylbenzene | mg/l | 0.0481 | 0.0464 | 3.62 | 17 | 96 | WG328208 |
| Hexachlorobutadiene | mg/l | 0.0524 | 0.0515 | 1.64 | 18 | 105 | WG328208 |
| Isopropylbenzene | mg/l | 0.0494 | 0.0490 | 0.849 | 17 | 99 | WG328208 |
| Methyl tert-butyl ether | mg/l | 0.0414 | 0.0438 | 5.45 | 18 | 83 | WG328208 |
| Methylene Chloride | mg/l | 0.0443 | 0.0457 | 3.08 | 17 | 89 | WG328208 |
| n-Butylbenzene | mg/l | 0.0514 | 0.0515 | 0.125 | 19 | 103 | WG328208 |
| n-Propylbenzene | mg/l | 0.0492 | 0.0486 | 1.24 | 17 | 98 | WG328208 |
| Naphthalene | mg/l | 0.0517 | 0.0494 | 4.58 | 17 | 103 | WG328208 |
| p-Isopropyltoluene | mg/l | 0.0506 | 0.0496 | 1.98 | 18 | 101 | WG328208 |
| sec-Butylbenzene | mg/l | 0.0509 | 0.0498 | 2.13 | 18 | 102 | WG328208 |
| Styrene | mg/l | 0.0484 | 0.0474 | 2.13 | 17 | 97 | WG328208 |
| tert-Butylbenzene | mg/l | 0.0504 | 0.0495 | 1.93 | 17 | 101 | WG328208 |
| Tetrachloroethene | mg/l | 0.0515 | 0.0501 | 2.60 | 18 | 103 | WG328208 |
| Toluene | mg/l | 0.0456 | 0.0469 | 2.88 | 18 | 91 | WG328208 |
| trans-1,2-Dichloroethene | mg/l | 0.0446 | 0.0465 | 4.03 | 22 | 89 | WG328208 |
| trans-1,3-Dichloropropene | mg/l | 0.0445 | 0.0451 | 1.46 | 18 | 89 | WG328208 |
| Trichloroethene | mg/l | 0.0475 | 0.0482 | 1.45 | 16 | 95 | WG328208 |
| Trichlorofluoromethane | mg/l | 0.0564 | 0.0575 | 1.96 | 19 | 113 | WG328208 |
| Vinyl chloride | mg/l | 0.0525 | 0.0545 | 3.70 | 17 | 105 | WG328208 |
| Xylenes, Total | mg/l | 0.148 | 0.145 | 2.17 | 17 | 99 | WG328208 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0524 | 0.0501 | 4.50 | 16 | 105 | WG328209 |
| 1,1,1-Trichloroethane | mg/kg | 0.0485 | 0.0461 | 5.10 | 16 | 97 | WG328209 |

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Level II

L317465

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0462 | 0.0436 | 5.83 | 16 | 92 | WG328209 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | mg/kg | 0.0497 | 0.0464 | 7.01 | 14 | 99 | WG328209 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0472 | 0.0450 | 4.78 | 17 | 94 | WG328209 |
| 1,1-Dichloroethane | mg/kg | 0.0477 | 0.0457 | 4.23 | 16 | 95 | WG328209 |
| 1,1-Dichloroethene | mg/kg | 0.0432 | 0.0421 | 2.48 | 19 | 86 | WG328209 |
| 1,1-Dichloropropene | mg/kg | 0.0501 | 0.0471 | 6.24 | 17 | 100 | WG328209 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0550 | 0.0534 | 2.88 | 21 | 110 | WG328209 |
| 1,2,3-Trichloropropane | mg/kg | 0.0490 | 0.0459 | 6.57 | 19 | 98 | WG328209 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0536 | 0.0523 | 2.39 | 20 | 107 | WG328209 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0527 | 0.0495 | 6.26 | 15 | 105 | WG328209 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0495 | 0.0459 | 7.56 | 20 | 99 | WG328209 |
| 1,2-Dibromoethane | mg/kg | 0.0498 | 0.0469 | 6.01 | 23 | 100 | WG328209 |
| 1,2-Dichlorobenzene | mg/kg | 0.0528 | 0.0504 | 4.57 | 15 | 106 | WG328209 |
| 1,2-Dichloroethane | mg/kg | 0.0468 | 0.0445 | 5.03 | 15 | 94 | WG328209 |
| 1,2-Dichloropropane | mg/kg | 0.0489 | 0.0464 | 5.25 | 16 | 98 | WG328209 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0541 | 0.0507 | 6.47 | 15 | 108 | WG328209 |
| 1,3-Dichlorobenzene | mg/kg | 0.0530 | 0.0498 | 6.31 | 18 | 106 | WG328209 |
| 1,3-Dichloropropane | mg/kg | 0.0498 | 0.0467 | 6.36 | 15 | 100 | WG328209 |
| 1,4-Dichlorobenzene | mg/kg | 0.0511 | 0.0483 | 5.58 | 17 | 102 | WG328209 |
| 2,2-Dichloropropane | mg/kg | 0.0471 | 0.0447 | 5.29 | 19 | 94 | WG328209 |
| 2-Butanone (MEK) | mg/kg | 0.187 | 0.171 | 9.13 | 21 | 75 | WG328209 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.235 | 0.223 | 5.10 | 14 | 94 | WG328209 |
| 2-Chlorotoluene | mg/kg | 0.0521 | 0.0493 | 5.57 | 19 | 104 | WG328209 |
| 4-Chlorotoluene | mg/kg | 0.0496 | 0.0470 | 5.32 | 16 | 99 | WG328209 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.210 | 0.198 | 5.73 | 19 | 84 | WG328209 |
| Acetone | mg/kg | 0.200 | 0.188 | 5.96 | 31 | 80 | WG328209 |
| Acrylonitrile | mg/kg | 0.192 | 0.179 | 7.31 | 18 | 77 | WG328209 |
| Benzene | mg/kg | 0.0470 | 0.0447 | 4.97 | 13 | 94 | WG328209 |
| Bromobenzene | mg/kg | 0.0495 | 0.0468 | 5.59 | 15 | 99 | WG328209 |
| Bromodichloromethane | mg/kg | 0.0474 | 0.0453 | 4.52 | 13 | 95 | WG328209 |
| Bromoform | mg/kg | 0.0516 | 0.0484 | 6.32 | 16 | 103 | WG328209 |
| Bromomethane | mg/kg | 0.0469 | 0.0463 | 1.44 | 20 | 94 | WG328209 |
| Carbon tetrachloride | mg/kg | 0.0496 | 0.0464 | 6.68 | 16 | 99 | WG328209 |
| Chlorobenzene | mg/kg | 0.0520 | 0.0494 | 5.14 | 16 | 104 | WG328209 |
| Chlorodibromomethane | mg/kg | 0.0510 | 0.0480 | 5.98 | 16 | 102 | WG328209 |
| Chloroethane | mg/kg | 0.0500 | 0.0482 | 3.60 | 16 | 100 | WG328209 |
| Chloroform | mg/kg | 0.0464 | 0.0441 | 5.24 | 14 | 93 | WG328209 |
| Chloromethane | mg/kg | 0.0439 | 0.0418 | 4.99 | 17 | 88 | WG328209 |
| cis-1,2-Dichloroethene | mg/kg | 0.0452 | 0.0430 | 4.89 | 15 | 90 | WG328209 |
| cis-1,3-Dichloropropene | mg/kg | 0.0474 | 0.0455 | 4.17 | 15 | 95 | WG328209 |
| Di-isopropyl ether | mg/kg | 0.0424 | 0.0404 | 4.90 | 15 | 85 | WG328209 |
| Dibromomethane | mg/kg | 0.0481 | 0.0457 | 5.19 | 14 | 96 | WG328209 |
| Dichlorodifluoromethane | mg/kg | 0.0478 | 0.0464 | 2.89 | 19 | 96 | WG328209 |
| Ethylbenzene | mg/kg | 0.0536 | 0.0509 | 5.15 | 15 | 107 | WG328209 |
| Hexachlorobutadiene | mg/kg | 0.0608 | 0.0568 | 6.68 | 16 | 122 | WG328209 |
| Isopropylbenzene | mg/kg | 0.0542 | 0.0512 | 5.60 | 16 | 108 | WG328209 |
| Methyl tert-butyl ether | mg/kg | 0.0439 | 0.0418 | 4.85 | 16 | 88 | WG328209 |
| Methylene Chloride | mg/kg | 0.0458 | 0.0437 | 4.74 | 15 | 92 | WG328209 |
| n-Butylbenzene | mg/kg | 0.0566 | 0.0528 | 6.98 | 18 | 113 | WG328209 |
| n-Propylbenzene | mg/kg | 0.0539 | 0.0509 | 5.64 | 16 | 108 | WG328209 |
| Naphthalene | mg/kg | 0.0508 | 0.0491 | 3.44 | 21 | 102 | WG328209 |
| p-Isopropyltoluene | mg/kg | 0.0557 | 0.0518 | 7.18 | 16 | 111 | WG328209 |
| sec-Butylbenzene | mg/kg | 0.0549 | 0.0508 | 7.85 | 15 | 110 | WG328209 |
| Styrene | mg/kg | 0.0520 | 0.0490 | 5.95 | 16 | 104 | WG328209 |
| tert-Butylbenzene | mg/kg | 0.0537 | 0.0500 | 7.17 | 16 | 107 | WG328209 |
| Tetrachloroethene | mg/kg | 0.0579 | 0.0539 | 7.18 | 18 | 116 | WG328209 |
| Toluene | mg/kg | 0.0482 | 0.0463 | 4.07 | 13 | 96 | WG328209 |
| trans-1,2-Dichloroethene | mg/kg | 0.0452 | 0.0432 | 4.50 | 17 | 90 | WG328209 |
| trans-1,3-Dichloropropene | mg/kg | 0.0458 | 0.0437 | 4.67 | 17 | 92 | WG328209 |
| Trichloroethene | mg/kg | 0.0509 | 0.0488 | 4.06 | 14 | 102 | WG328209 |

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Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | mg/kg | 0.0552 | 0.0531 | 3.90 | 15 | 110 | WG328209 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Vinyl chloride | mg/kg | 0.0520 | 0.0502 | 3.48 | 14 | 104 | WG328209 |
| Xylenes, Total | mg/kg | 0.160 | 0.152 | 4.87 | 14 | 107 | WG328209 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0403 | 0.0445 | 9.86 | 16 | 81 | WG328215 |
| 1,1,1-Trichloroethane | mg/kg | 0.0399 | 0.0420 | 5.05 | 16 | 80 | WG328215 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0454 | 0.0494 | 8.48 | 16 | 91 | WG328215 |
| 1,1,2-Trichloroethane | mg/kg | 0.0503 | 0.0543 | 7.62 | 14 | 101 | WG328215 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0478 | 0.0511 | 6.63 | 17 | 96 | WG328215 |
| 1,1-Dichloroethane | mg/kg | 0.0465 | 0.0507 | 8.64 | 16 | 93 | WG328215 |
| 1,1-Dichloroethene | mg/kg | 0.0573 | 0.0581 | 1.25 | 19 | 115 | WG328215 |
| 1,1-Dichloropropene | mg/kg | 0.0475 | 0.0492 | 3.56 | 17 | 95 | WG328215 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0596 | 0.0633 | 5.99 | 21 | 119 | WG328215 |
| 1,2,3-Trichloropropane | mg/kg | 0.0365 | 0.0396 | 8.15 | 19 | 73 | WG328215 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0674 | 0.0672 | 0.317 | 20 | 135 | WG328215 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0420 | 0.0430 | 2.31 | 15 | 84 | WG328215 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0464 | 0.0540 | 15.1 | 20 | 93 | WG328215 |
| 1,2-Dibromoethane | mg/kg | 0.0472 | 0.0502 | 6.15 | 23 | 94 | WG328215 |
| 1,2-Dichlorobenzene | mg/kg | 0.0495 | 0.0530 | 6.93 | 15 | 99 | WG328215 |
| 1,2-Dichloroethane | mg/kg | 0.0363 | 0.0393 | 7.89 | 15 | 73 | WG328215 |
| 1,2-Dichloropropane | mg/kg | 0.0518 | 0.0598 | 14.3 | 16 | 104 | WG328215 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0412 | 0.0425 | 3.23 | 15 | 82 | WG328215 |
| 1,3-Dichlorobenzene | mg/kg | 0.0447 | 0.0450 | 0.551 | 18 | 89 | WG328215 |
| 1,3-Dichloropropane | mg/kg | 0.0458 | 0.0483 | 5.25 | 15 | 92 | WG328215 |
| 1,4-Dichlorobenzene | mg/kg | 0.0488 | 0.0514 | 5.21 | 17 | 98 | WG328215 |
| 2,2-Dichloropropane | mg/kg | 0.0383 | 0.0402 | 4.87 | 19 | 77 | WG328215 |
| 2-Butanone (MEK) | mg/kg | 0.223 | 0.238 | 6.75 | 21 | 89 | WG328215 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.205 | 0.260 | 23.7 | 14 | 82 | WG328215 |
| 2-Chlorotoluene | mg/kg | 0.0422 | 0.0434 | 2.76 | 19 | 84 | WG328215 |
| 4-Chlorotoluene | mg/kg | 0.0429 | 0.0441 | 2.81 | 16 | 86 | WG328215 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.252 | 0.272 | 7.68 | 19 | 101 | WG328215 |
| Acetone | mg/kg | 0.233 | 0.256 | 9.23 | 31 | 93 | WG328215 |
| Acrylonitrile | mg/kg | 0.275 | 0.294 | 6.61 | 18 | 110 | WG328215 |
| Benzene | mg/kg | 0.0517 | 0.0548 | 5.86 | 13 | 103 | WG328215 |
| Bromobenzene | mg/kg | 0.0418 | 0.0435 | 3.98 | 15 | 84 | WG328215 |
| Bromodichloromethane | mg/kg | 0.0414 | 0.0448 | 7.91 | 13 | 83 | WG328215 |
| Bromoform | mg/kg | 0.0424 | 0.0457 | 7.40 | 16 | 85 | WG328215 |
| Bromomethane | mg/kg | 0.0618 | 0.0556 | 10.5 | 20 | 124 | WG328215 |
| Carbon tetrachloride | mg/kg | 0.0380 | 0.0396 | 4.13 | 16 | 76 | WG328215 |
| Chlorobenzene | mg/kg | 0.0482 | 0.0509 | 5.35 | 16 | 96 | WG328215 |
| Chlorodibromomethane | mg/kg | 0.0417 | 0.0442 | 5.68 | 16 | 83 | WG328215 |
| Chloroethane | mg/kg | 0.0624 | 0.0541 | 14.1 | 16 | 125 | WG328215 |
| Chloroform | mg/kg | 0.0426 | 0.0462 | 8.05 | 14 | 85 | WG328215 |
| Chloromethane | mg/kg | 0.0629 | 0.0568 | 10.2 | 17 | 126 | WG328215 |
| cis-1,2-Dichloroethene | mg/kg | 0.0499 | 0.0551 | 10.0 | 15 | 100 | WG328215 |
| cis-1,3-Dichloropropene | mg/kg | 0.0486 | 0.0527 | 8.21 | 15 | 97 | WG328215 |
| Di-isopropyl ether | mg/kg | 0.0535 | 0.0587 | 9.26 | 15 | 107 | WG328215 |
| Dibromomethane | mg/kg | 0.0420 | 0.0452 | 7.12 | 14 | 84 | WG328215 |
| Dichlorodifluoromethane | mg/kg | 0.0535 | 0.0464 | 14.2 | 19 | 107 | WG328215 |
| Ethylbenzene | mg/kg | 0.0449 | 0.0467 | 3.91 | 15 | 90 | WG328215 |
| Hexachlorobutadiene | mg/kg | 0.0537 | 0.0573 | 6.55 | 16 | 107 | WG328215 |
| Isopropylbenzene | mg/kg | 0.0440 | 0.0460 | 4.43 | 16 | 88 | WG328215 |
| Methyl tert-butyl ether | mg/kg | 0.0456 | 0.0512 | 11.5 | 16 | 91 | WG328215 |
| Methylene Chloride | mg/kg | 0.0625 | 0.0664 | 6.02 | 15 | 125 | WG328215 |
| n-Butylbenzene | mg/kg | 0.0537 | 0.0552 | 2.69 | 18 | 107 | WG328215 |
| n-Propylbenzene | mg/kg | 0.0435 | 0.0442 | 1.74 | 16 | 87 | WG328215 |
| Naphthalene | mg/kg | 0.0500 | 0.0545 | 8.65 | 21 | 100 | WG328215 |
| p-Isopropyltoluene | mg/kg | 0.0437 | 0.0436 | 0.268 | 16 | 87 | WG328215 |
| sec-Butylbenzene | mg/kg | 0.0434 | 0.0447 | 2.85 | 15 | 87 | WG328215 |
| Styrene | mg/kg | 0.0486 | 0.0508 | 4.31 | 16 | 97 | WG328215 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | mg/kg | 0.0414 | 0.0436 | 5.27 | 16 | 83 | WG328215 |

| Analyte | Units | Laboratory Control Sample Duplicate LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Tetrachloroethene | mg/kg | 0.0471 | 0.0485 | 2.88 | 18 | 94 | WG328215 |
| Toluene | mg/kg | 0.0445 | 0.0488 | 9.25 | 13 | 89 | WG328215 |
| trans-1,2-Dichloroethene | mg/kg | 0.0537 | 0.0574 | 6.76 | 17 | 107 | WG328215 |
| trans-1,3-Dichloropropene | mg/kg | 0.0435 | 0.0480 | 9.86 | 17 | 87 | WG328215 |
| Trichloroethene | mg/kg | 0.0457 | 0.0490 | 6.93 | 14 | 91 | WG328215 |
| Trichlorofluoromethane | mg/kg | 0.0450 | 0.0375 | 18.2 | 15 | 90 | WG328215 |
| Vinyl chloride | mg/kg | 0.0642 | 0.0573 | 11.2 | 14 | 128 | WG328215 |
| Xylenes, Total | mg/kg | 0.135 | 0.138 | 2.57 | 14 | 90 | WG328215 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0534 | 0.0546 | 2.18 | 16 | 107 | WG328221 |
| 1,1,1-Trichloroethane | mg/kg | 0.0467 | 0.0536 | 13.9 | 16 | 93 | WG328221 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0509 | 0.0527 | 3.46 | 16 | 102 | WG328221 |
| 1,1,2-Trichloroethane | mg/kg | 0.0522 | 0.0530 | 1.43 | 14 | 104 | WG328221 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0450 | 0.0553 | 20.6 | 17 | 90 | WG328221 |
| 1,1-Dichloroethane | mg/kg | 0.0471 | 0.0516 | 9.24 | 16 | 94 | WG328221 |
| 1,1-Dichloroethene | mg/kg | 0.0427 | 0.0499 | 15.7 | 19 | 85 | WG328221 |
| 1,1-Dichloropropene | mg/kg | 0.0489 | 0.0564 | 14.3 | 17 | 98 | WG328221 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0638 | 0.0651 | 2.13 | 21 | 128 | WG328221 |
| 1,2,3-Trichloropropane | mg/kg | 0.0541 | 0.0559 | 3.29 | 19 | 108 | WG328221 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0644 | 0.0656 | 1.93 | 20 | 129 | WG328221 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0548 | 0.0573 | 4.35 | 15 | 110 | WG328221 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0557 | 0.0590 | 5.72 | 20 | 111 | WG328221 |
| 1,2-Dibromoethane | mg/kg | 0.0534 | 0.0544 | 1.70 | 23 | 107 | WG328221 |
| 1,2-Dichlorobenzene | mg/kg | 0.0572 | 0.0575 | 0.522 | 15 | 114 | WG328221 |
| 1,2-Dichloroethane | mg/kg | 0.0491 | 0.0512 | 4.17 | 15 | 98 | WG328221 |
| 1,2-Dichloropropane | mg/kg | 0.0486 | 0.0510 | 4.99 | 16 | 97 | WG328221 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0552 | 0.0580 | 5.05 | 15 | 110 | WG328221 |
| 1,3-Dichlorobenzene | mg/kg | 0.0561 | 0.0576 | 2.62 | 18 | 112 | WG328221 |
| 1,3-Dichloropropane | mg/kg | 0.0528 | 0.0534 | 1.13 | 15 | 106 | WG328221 |
| 1,4-Dichlorobenzene | mg/kg | 0.0556 | 0.0565 | 1.71 | 17 | 111 | WG328221 |
| 2,2-Dichloropropane | mg/kg | 0.0457 | 0.0524 | 13.5 | 19 | 91 | WG328221 |
| 2-Butanone (MEK) | mg/kg | 0.202 | 0.234 | 14.9 | 21 | 81 | WG328221 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.251 | 0.267 | 6.18 | 14 | 100 | WG328221 |
| 2-Chlorotoluene | mg/kg | 0.0531 | 0.0558 | 5.01 | 19 | 106 | WG328221 |
| 4-Chlorotoluene | mg/kg | 0.0523 | 0.0542 | 3.48 | 16 | 105 | WG328221 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.228 | 0.257 | 12.1 | 19 | 91 | WG328221 |
| Acetone | mg/kg | 0.213 | 0.244 | 13.3 | 31 | 85 | WG328221 |
| Acrylonitrile | mg/kg | 0.212 | 0.231 | 8.84 | 18 | 85 | WG328221 |
| Benzene | mg/kg | 0.0464 | 0.0508 | 9.21 | 13 | 93 | WG328221 |
| Bromobenzene | mg/kg | 0.0519 | 0.0532 | 2.46 | 15 | 104 | WG328221 |
| Bromodichloromethane | mg/kg | 0.0480 | 0.0502 | 4.56 | 13 | 96 | WG328221 |
| Bromoform | mg/kg | 0.0564 | 0.0576 | 1.98 | 16 | 113 | WG328221 |
| Bromomethane | mg/kg | 0.0431 | 0.0622 | 36.2 | 20 | 86 | WG328221 |
| Carbon tetrachloride | mg/kg | 0.0475 | 0.0550 | 14.5 | 16 | 95 | WG328221 |
| Chlorobenzene | mg/kg | 0.0528 | 0.0552 | 4.47 | 16 | 106 | WG328221 |
| Chlorodibromomethane | mg/kg | 0.0538 | 0.0543 | 1.00 | 16 | 108 | WG328221 |
| Chloroethane | mg/kg | 0.0451 | 0.0670 | 39.1 | 16 | 90 | WG328221 |
| Chloroform | mg/kg | 0.0461 | 0.0491 | 6.33 | 14 | 92 | WG328221 |
| Chloromethane | mg/kg | 0.0412 | 0.0581 | 34.0 | 17 | 82 | WG328221 |
| cis-1,2-Dichloroethene | mg/kg | 0.0450 | 0.0488 | 7.99 | 15 | 90 | WG328221 |
| cis-1,3-Dichloropropene | mg/kg | 0.0490 | 0.0510 | 3.88 | 15 | 98 | WG328221 |
| Di-isopropyl ether | mg/kg | 0.0439 | 0.0458 | 4.25 | 15 | 88 | WG328221 |
| Dibromomethane | mg/kg | 0.0504 | 0.0532 | 5.46 | 14 | 101 | WG328221 |
| Dichlorodifluoromethane | mg/kg | 0.0596 | 0.0889 | 39.5 | 19 | 119 | WG328221 |
| Ethylbenzene | mg/kg | 0.0536 | 0.0576 | 7.19 | 15 | 107 | WG328221 |
| Hexachlorobutadiene | mg/kg | 0.0664 | 0.0681 | 2.56 | 16 | 133 | WG328221 |
| Isopropylbenzene | mg/kg | 0.0542 | 0.0582 | 7.02 | 16 | 108 | WG328221 |
| Methyl tert-butyl ether | mg/kg | 0.0469 | 0.0496 | 5.59 | 16 | 94 | WG328221 |
| Methylene Chloride | mg/kg | 0.0480 | 0.0512 | 6.42 | 15 | 96 | WG328221 |

ENVIRONMENTAL SCIENCE CORP.

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| n-Butylbenzene | mg/kg | 0.0610 | 0.0645 | 5.63 | 18 | 122 | WG328221 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| n-Propylbenzene | mg/kg | 0.0551 | 0.0594 | 7.46 | 16 | 110 | WG328221 |
| Naphthalene | mg/kg | 0.0579 | 0.0605 | 4.52 | 21 | 116 | WG328221 |
| p-Isopropyltoluene | mg/kg | 0.0578 | 0.0617 | 6.57 | 16 | 116 | WG328221 |
| sec-Butylbenzene | mg/kg | 0.0555 | 0.0595 | 6.94 | 15 | 111 | WG328221 |
| Styrene | mg/kg | 0.0536 | 0.0552 | 2.82 | 16 | 107 | WG328221 |
| tert-Butylbenzene | mg/kg | 0.0536 | 0.0569 | 5.97 | 16 | 107 | WG328221 |
| Tetrachloroethene | mg/kg | 0.0577 | 0.0626 | 8.15 | 18 | 115 | WG328221 |
| Toluene | mg/kg | 0.0474 | 0.0520 | 9.16 | 13 | 95 | WG328221 |
| trans-1,2-Dichloroethene | mg/kg | 0.0448 | 0.0513 | 13.5 | 17 | 90 | WG328221 |
| trans-1,3-Dichloropropene | mg/kg | 0.0486 | 0.0503 | 3.57 | 17 | 97 | WG328221 |
| Trichloroethene | mg/kg | 0.0493 | 0.0555 | 11.9 | 14 | 99 | WG328221 |
| Trichlorofluoromethane | mg/kg | 0.0517 | 0.0774 | 39.9 | 15 | 103 | WG328221 |
| Vinyl chloride | mg/kg | 0.0491 | 0.0732 | 39.4 | 14 | 98 | WG328221 |
| Xylenes, Total | mg/kg | 0.161 | 0.171 | 5.57 | 14 | 108 | WG328221 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0624 | 0.0630 | 0.992 | 16 | 125 | WG328307 |
| 1,1,1-Trichloroethane | mg/kg | 0.0571 | 0.0559 | 2.06 | 16 | 114 | WG328307 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0536 | 0.0549 | 2.41 | 16 | 107 | WG328307 |
| 1,1,2-Trichloroethane | mg/kg | 0.0559 | 0.0570 | 2.00 | 14 | 112 | WG328307 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0418 | 0.0398 | 4.90 | 17 | 84 | WG328307 |
| 1,1-Dichloroethane | mg/kg | 0.0519 | 0.0516 | 0.584 | 16 | 104 | WG328307 |
| 1,1-Dichloroethene | mg/kg | 0.0467 | 0.0444 | 5.02 | 19 | 93 | WG328307 |
| 1,1-Dichloropropene | mg/kg | 0.0500 | 0.0493 | 1.50 | 17 | 100 | WG328307 |
| 1,2,3-Trichloropropane | mg/kg | 0.0586 | 0.0588 | 0.359 | 19 | 117 | WG328307 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0605 | 0.0599 | 1.05 | 15 | 121 | WG328307 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0489 | 0.0519 | 5.97 | 20 | 98 | WG328307 |
| 1,2-Dibromoethane | mg/kg | 0.0572 | 0.0597 | 4.21 | 23 | 114 | WG328307 |
| 1,2-Dichlorobenzene | mg/kg | 0.0605 | 0.0594 | 1.87 | 15 | 121 | WG328307 |
| 1,2-Dichloroethane | mg/kg | 0.0605 | 0.0604 | 0.288 | 15 | 121 | WG328307 |
| 1,2-Dichloropropane | mg/kg | 0.0453 | 0.0450 | 0.672 | 16 | 91 | WG328307 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0620 | 0.0602 | 2.95 | 15 | 124 | WG328307 |
| 1,3-Dichlorobenzene | mg/kg | 0.0600 | 0.0574 | 4.49 | 18 | 120 | WG328307 |
| 1,3-Dichloropropane | mg/kg | 0.0549 | 0.0564 | 2.73 | 15 | 110 | WG328307 |
| 1,4-Dichlorobenzene | mg/kg | 0.0595 | 0.0594 | 0.0939 | 17 | 119 | WG328307 |
| 2,2-Dichloropropane | mg/kg | 0.0597 | 0.0600 | 0.642 | 19 | 119 | WG328307 |
| 2-Butanone (MEK) | mg/kg | 0.206 | 0.209 | 1.19 | 21 | 83 | WG328307 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.143 | 0.149 | 4.42 | 14 | 57 | WG328307 |
| 2-Chlorotoluene | mg/kg | 0.0604 | 0.0590 | 2.22 | 19 | 121 | WG328307 |
| 4-Chlorotoluene | mg/kg | 0.0617 | 0.0608 | 1.40 | 16 | 123 | WG328307 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.224 | 0.228 | 1.93 | 19 | 90 | WG328307 |
| Acetone | mg/kg | 0.222 | 0.229 | 2.93 | 31 | 89 | WG328307 |
| Acrylonitrile | mg/kg | 0.221 | 0.225 | 1.69 | 18 | 89 | WG328307 |
| Benzene | mg/kg | 0.0423 | 0.0421 | 0.481 | 13 | 85 | WG328307 |
| Bromobenzene | mg/kg | 0.0579 | 0.0582 | 0.519 | 15 | 116 | WG328307 |
| Bromodichloromethane | mg/kg | 0.0549 | 0.0549 | 0.0167 | 13 | 110 | WG328307 |
| Bromoform | mg/kg | 0.0532 | 0.0535 | 0.439 | 16 | 106 | WG328307 |
| Bromomethane | mg/kg | 0.0570 | 0.0573 | 0.561 | 20 | 114 | WG328307 |
| Carbon tetrachloride | mg/kg | 0.0544 | 0.0538 | 1.09 | 16 | 109 | WG328307 |
| Chlorobenzene | mg/kg | 0.0562 | 0.0565 | 0.514 | 16 | 112 | WG328307 |
| Chlorodibromomethane | mg/kg | 0.0637 | 0.0652 | 2.38 | 16 | 127 | WG328307 |
| Chloroethane | mg/kg | 0.0474 | 0.0482 | 1.64 | 16 | 95 | WG328307 |
| Chloroform | mg/kg | 0.0574 | 0.0566 | 1.38 | 14 | 115 | WG328307 |
| Chloromethane | mg/kg | 0.0418 | 0.0418 | 0.0102 | 17 | 84 | WG328307 |
| cis-1,2-Dichloroethene | mg/kg | 0.0506 | 0.0504 | 0.369 | 15 | 101 | WG328307 |
| cis-1,3-Dichloropropene | mg/kg | 0.0468 | 0.0475 | 1.49 | 15 | 94 | WG328307 |
| Di-isopropyl ether | mg/kg | 0.0544 | 0.0553 | 1.67 | 15 | 109 | WG328307 |
| Dibromomethane | mg/kg | 0.0406 | 0.0411 | 1.06 | 14 | 81 | WG328307 |
| Dichlorodifluoromethane | mg/kg | 0.0491 | 0.0491 | 0.0762 | 19 | 98 | WG328307 |
| Ethylbenzene | mg/kg | 0.0527 | 0.0531 | 0.693 | 15 | 105 | WG328307 |

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Level II

L317465

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| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Isopropylbenzene | mg/kg | 0.0581 | 0.0574 | 1.25 | 16 | 116 | WG328307 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | mg/kg | 0.0581 | 0.0590 | 1.51 | 16 | 116 | WG328307 |
| Methylene Chloride | mg/kg | 0.0466 | 0.0470 | 0.820 | 15 | 93 | WG328307 |
| n-Butylbenzene | mg/kg | 0.0609 | 0.0583 | 4.39 | 18 | 122 | WG328307 |
| n-Propylbenzene | mg/kg | 0.0592 | 0.0579 | 2.24 | 16 | 118 | WG328307 |
| Naphthalene | mg/kg | 0.0480 | 0.0459 | 4.58 | 21 | 96 | WG328307 |
| p-Isopropyltoluene | mg/kg | 0.0607 | 0.0582 | 4.13 | 16 | 121 | WG328307 |
| sec-Butylbenzene | mg/kg | 0.0594 | 0.0575 | 3.24 | 15 | 119 | WG328307 |
| tert-Butylbenzene | mg/kg | 0.0583 | 0.0569 | 2.43 | 16 | 117 | WG328307 |
| Tetrachloroethene | mg/kg | 0.0536 | 0.0541 | 0.937 | 18 | 107 | WG328307 |
| Toluene | mg/kg | 0.0414 | 0.0411 | 0.603 | 13 | 83 | WG328307 |
| trans-1,2-Dichloroethene | mg/kg | 0.0472 | 0.0461 | 2.42 | 17 | 94 | WG328307 |
| trans-1,3-Dichloropropene | mg/kg | 0.0478 | 0.0473 | 0.965 | 17 | 96 | WG328307 |
| Trichloroethene | mg/kg | 0.0461 | 0.0451 | 2.37 | 14 | 92 | WG328307 |
| Trichlorofluoromethane | mg/kg | 0.0507 | 0.0497 | 1.91 | 15 | 101 | WG328307 |
| Vinyl chloride | mg/kg | 0.0416 | 0.0422 | 1.56 | 14 | 83 | WG328307 |
| Xylenes, Total | mg/kg | 0.155 | 0.156 | 0.0889 | 14 | 104 | WG328307 |
| 2-Butanone (MEK) | mg/kg | 0.251 | 0.241 | 4.03 | 21 | 100 | WG328309 |
| Ethylbenzene | mg/kg | 0.0515 | 0.0486 | 5.93 | 15 | 103 | WG328309 |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.0605 | 0.0659 | 8.51 | 17 | 121 | WG328327 |
| 1,1,1-Trichloroethane | mg/l | 0.0450 | 0.0490 | 8.34 | 17 | 90 | WG328327 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.0530 | 0.0558 | 5.13 | 16 | 106 | WG328327 |
| 1,1,2-Trichloroethane | mg/l | 0.0506 | 0.0543 | 7.18 | 16 | 101 | WG328327 |
| 1,1-Dichloroethane | mg/l | 0.0448 | 0.0494 | 9.83 | 22 | 90 | WG328327 |
| 1,1-Dichloroethene | mg/l | 0.0382 | 0.0418 | 8.94 | 17 | 76 | WG328327 |
| 1,1-Dichloropropene | mg/l | 0.0484 | 0.0527 | 8.54 | 17 | 97 | WG328327 |
| 1,2,3-Trichlorobenzene | mg/l | 0.0493 | 0.0532 | 7.68 | 19 | 99 | WG328327 |
| 1,2,3-Trichloropropane | mg/l | 0.0528 | 0.0564 | 6.74 | 18 | 106 | WG328327 |
| 1,2,4-Trichlorobenzene | mg/l | 0.0506 | 0.0548 | 7.80 | 20 | 101 | WG328327 |
| 1,2,4-Trimethylbenzene | mg/l | 0.0489 | 0.0526 | 7.18 | 18 | 98 | WG328327 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.0519 | 0.0557 | 7.18 | 19 | 104 | WG328327 |
| 1,2-Dibromoethane | mg/l | 0.0500 | 0.0538 | 7.28 | 16 | 100 | WG328327 |
| 1,2-Dichlorobenzene | mg/l | 0.0491 | 0.0542 | 9.71 | 16 | 98 | WG328327 |
| 1,2-Dichloroethane | mg/l | 0.0476 | 0.0519 | 8.53 | 15 | 95 | WG328327 |
| 1,2-Dichloropropane | mg/l | 0.0462 | 0.0508 | 9.52 | 18 | 92 | WG328327 |
| 1,3,5-Trimethylbenzene | mg/l | 0.0473 | 0.0514 | 8.30 | 17 | 95 | WG328327 |
| 1,3-Dichlorobenzene | mg/l | 0.0486 | 0.0522 | 7.18 | 17 | 97 | WG328327 |
| 1,3-Dichloropropane | mg/l | 0.0470 | 0.0514 | 8.80 | 15 | 94 | WG328327 |
| 1,4-Dichlorobenzene | mg/l | 0.0490 | 0.0540 | 9.57 | 17 | 98 | WG328327 |
| 2,2-Dichloropropane | mg/l | 0.0386 | 0.0413 | 6.77 | 21 | 77 | WG328327 |
| 2-Butanone (MEK) | mg/l | 0.231 | 0.242 | 4.51 | 21 | 92 | WG328327 |
| 2-Chloroethyl vinyl ether | mg/l | 0.245 | 0.262 | 6.45 | 28 | 98 | WG328327 |
| 2-Chlorotoluene | mg/l | 0.0477 | 0.0515 | 7.66 | 26 | 95 | WG328327 |
| 4-Chlorotoluene | mg/l | 0.0488 | 0.0529 | 8.07 | 17 | 98 | WG328327 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.266 | 0.287 | 7.34 | 21 | 107 | WG328327 |
| Acetone | mg/l | 0.214 | 0.235 | 9.35 | 20 | 85 | WG328327 |
| Acrolein | mg/l | 0.332 | 0.374 | 11.8 | 13 | 133 | WG328327 |
| Acrylonitrile | mg/l | 0.253 | 0.270 | 6.62 | 20 | 101 | WG328327 |
| Benzene | mg/l | 0.0446 | 0.0487 | 8.79 | 16 | 89 | WG328327 |
| Bromobenzene | mg/l | 0.0485 | 0.0522 | 7.28 | 16 | 97 | WG328327 |
| Bromodichloromethane | mg/l | 0.0481 | 0.0532 | 10.0 | 17 | 96 | WG328327 |
| Bromoform | mg/l | 0.0516 | 0.0555 | 7.27 | 15 | 103 | WG328327 |
| Bromomethane | mg/l | 0.0460 | 0.0505 | 9.35 | 21 | 92 | WG328327 |
| Carbon tetrachloride | mg/l | 0.0510 | 0.0549 | 7.41 | 17 | 102 | WG328327 |
| Chlorobenzene | mg/l | 0.0474 | 0.0516 | 8.42 | 16 | 95 | WG328327 |
| Chlorodibromomethane | mg/l | 0.0518 | 0.0555 | 6.84 | 15 | 104 | WG328327 |
| Chloroethane | mg/l | 0.0475 | 0.0523 | 9.66 | 24 | 95 | WG328327 |
| Chloroform | mg/l | 0.0466 | 0.0510 | 9.07 | 15 | 93 | WG328327 |

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Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Chloromethane | mg/l | 0.0470 | 0.0502 | 6.50 | 22 | 94 | WG328327 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | mg/l | 0.0449 | 0.0495 | 9.58 | 15 | 90 | WG328327 |
| cis-1,3-Dichloropropene | mg/l | 0.0574 | 0.0619 | 7.49 | 18 | 115 | WG328327 |
| Di-isopropyl ether | mg/l | 0.0437 | 0.0472 | 7.85 | 18 | 87 | WG328327 |
| Dibromomethane | mg/l | 0.0466 | 0.0507 | 8.34 | 16 | 93 | WG328327 |
| Dichlorodifluoromethane | mg/l | 0.0627 | 0.0693 | 10.0 | 22 | 125 | WG328327 |
| Ethylbenzene | mg/l | 0.0473 | 0.0514 | 8.29 | 17 | 95 | WG328327 |
| Hexachlorobutadiene | mg/l | 0.0531 | 0.0556 | 4.49 | 18 | 106 | WG328327 |
| Isopropylbenzene | mg/l | 0.0492 | 0.0536 | 8.53 | 17 | 98 | WG328327 |
| Methyl tert-butyl ether | mg/l | 0.0436 | 0.0456 | 4.48 | 18 | 87 | WG328327 |
| Methylene Chloride | mg/l | 0.0442 | 0.0490 | 10.2 | 17 | 88 | WG328327 |
| n-Butylbenzene | mg/l | 0.0516 | 0.0558 | 7.81 | 19 | 103 | WG328327 |
| n-Propylbenzene | mg/l | 0.0491 | 0.0530 | 7.72 | 17 | 98 | WG328327 |
| Naphthalene | mg/l | 0.0493 | 0.0535 | 8.11 | 17 | 99 | WG328327 |
| p-Isopropyltoluene | mg/l | 0.0507 | 0.0538 | 5.89 | 18 | 101 | WG328327 |
| sec-Butylbenzene | mg/l | 0.0510 | 0.0542 | 6.26 | 18 | 102 | WG328327 |
| Styrene | mg/l | 0.0476 | 0.0521 | 9.02 | 17 | 95 | WG328327 |
| tert-Butylbenzene | mg/l | 0.0499 | 0.0539 | 7.72 | 17 | 100 | WG328327 |
| Tetrachloroethene | mg/l | 0.0497 | 0.0553 | 10.7 | 18 | 99 | WG328327 |
| Toluene | mg/l | 0.0455 | 0.0508 | 11.0 | 18 | 91 | WG328327 |
| trans-1,2-Dichloroethene | mg/l | 0.0437 | 0.0492 | 12.0 | 22 | 87 | WG328327 |
| trans-1,3-Dichloropropene | mg/l | 0.0466 | 0.0501 | 7.38 | 18 | 93 | WG328327 |
| Trichloroethene | mg/l | 0.0471 | 0.0517 | 9.30 | 16 | 94 | WG328327 |
| Trichlorofluoromethane | mg/l | 0.0574 | 0.0636 | 10.4 | 19 | 115 | WG328327 |
| Vinyl chloride | mg/l | 0.0510 | 0.0570 | 11.3 | 17 | 102 | WG328327 |
| Xylenes, Total | mg/l | 0.146 | 0.160 | 9.16 | 17 | 98 | WG328327 |
| 2-Butanone (MEK) | mg/kg | 0.262 | 0.274 | 4.53 | 21 | 105 | WG328435 |
| Acetone | mg/kg | 0.290 | 0.320 | 9.82 | 31 | 116 | WG328435 |
| Ethylbenzene | mg/kg | 0.0456 | 0.0461 | 1.12 | 15 | 91 | WG328435 |
| Xylenes, Total | mg/kg | 0.135 | 0.135 | 0.273 | 14 | 90 | WG328435 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0520 | 0.0478 | 8.56 | 16 | 104 | WG328455 |
| 1,1,1-Trichloroethane | mg/kg | 0.0432 | 0.0396 | 8.72 | 16 | 86 | WG328455 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0474 | 0.0504 | 6.22 | 16 | 95 | WG328455 |
| 1,1,2-Trichloroethane | mg/kg | 0.0495 | 0.0494 | 0.353 | 14 | 99 | WG328455 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0503 | 0.0446 | 12.1 | 17 | 101 | WG328455 |
| 1,1-Dichloroethane | mg/kg | 0.0421 | 0.0403 | 4.48 | 16 | 84 | WG328455 |
| 1,1-Dichloroethene | mg/kg | 0.0527 | 0.0473 | 10.8 | 19 | 105 | WG328455 |
| 1,1-Dichloropropene | mg/kg | 0.0467 | 0.0430 | 8.30 | 17 | 93 | WG328455 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0448 | 0.0465 | 3.74 | 21 | 90 | WG328455 |
| 1,2,3-Trichloropropane | mg/kg | 0.0466 | 0.0515 | 10.0 | 19 | 93 | WG328455 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0460 | 0.0468 | 1.69 | 20 | 92 | WG328455 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0513 | 0.0457 | 11.6 | 15 | 103 | WG328455 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0381 | 0.0464 | 19.6 | 20 | 76 | WG328455 |
| 1,2-Dibromoethane | mg/kg | 0.0449 | 0.0458 | 1.89 | 23 | 90 | WG328455 |
| 1,2-Dichlorobenzene | mg/kg | 0.0453 | 0.0445 | 1.62 | 15 | 91 | WG328455 |
| 1,2-Dichloroethane | mg/kg | 0.0416 | 0.0417 | 0.309 | 15 | 83 | WG328455 |
| 1,2-Dichloropropane | mg/kg | 0.0430 | 0.0412 | 4.12 | 16 | 86 | WG328455 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0511 | 0.0460 | 10.5 | 15 | 102 | WG328455 |
| 1,3-Dichlorobenzene | mg/kg | 0.0500 | 0.0457 | 9.07 | 18 | 100 | WG328455 |
| 1,3-Dichloropropane | mg/kg | 0.0436 | 0.0457 | 4.70 | 15 | 87 | WG328455 |
| 1,4-Dichlorobenzene | mg/kg | 0.0455 | 0.0446 | 1.96 | 17 | 91 | WG328455 |
| 2,2-Dichloropropane | mg/kg | 0.0178 | 0.0183 | 2.70 | 19 | 36 | WG328455 |
| 2-Butanone (MEK) | mg/kg | 0.186 | 0.229 | 20.7 | 21 | 75 | WG328455 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0004 | 0.0005 | 14.3 | 14 | 0 | WG328455 |
| 2-Chlorotoluene | mg/kg | 0.0487 | 0.0446 | 8.76 | 19 | 97 | WG328455 |
| 4-Chlorotoluene | mg/kg | 0.0484 | 0.0433 | 11.3 | 16 | 97 | WG328455 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.207 | 0.250 | 19.2 | 19 | 83 | WG328455 |
| Acetone | mg/kg | 0.207 | 0.249 | 18.4 | 31 | 83 | WG328455 |

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Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Acrylonitrile | mg/kg | 0.220 | 0.267 | 19.0 | 18 | 88 | WG328455 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| Benzene | mg/kg | 0.0471 | 0.0438 | 7.16 | 13 | 94 | WG328455 |
| Bromobenzene | mg/kg | 0.0459 | 0.0439 | 4.51 | 15 | 92 | WG328455 |
| Bromodichloromethane | mg/kg | 0.0431 | 0.0410 | 5.05 | 13 | 86 | WG328455 |
| Bromoform | mg/kg | 0.0472 | 0.0489 | 3.43 | 16 | 94 | WG328455 |
| Bromomethane | mg/kg | 0.0811 | 0.0790 | 2.59 | 20 | 162 | WG328455 |
| Carbon tetrachloride | mg/kg | 0.0438 | 0.0393 | 10.9 | 16 | 88 | WG328455 |
| Chlorobenzene | mg/kg | 0.0519 | 0.0470 | 9.76 | 16 | 104 | WG328455 |
| Chlorodibromomethane | mg/kg | 0.0491 | 0.0475 | 3.42 | 16 | 98 | WG328455 |
| Chloroethane | mg/kg | 0.0608 | 0.0612 | 0.723 | 16 | 122 | WG328455 |
| Chloroform | mg/kg | 0.0445 | 0.0422 | 5.45 | 14 | 89 | WG328455 |
| Chloromethane | mg/kg | 0.0492 | 0.0510 | 3.67 | 17 | 98 | WG328455 |
| cis-1,2-Dichloroethene | mg/kg | 0.0503 | 0.0468 | 7.12 | 15 | 101 | WG328455 |
| cis-1,3-Dichloropropene | mg/kg | 0.0432 | 0.0418 | 3.32 | 15 | 86 | WG328455 |
| Di-isopropyl ether | mg/kg | 0.0458 | 0.0448 | 2.30 | 15 | 92 | WG328455 |
| Dibromomethane | mg/kg | 0.0386 | 0.0385 | 0.128 | 14 | 77 | WG328455 |
| Dichlorodifluoromethane | mg/kg | 0.0472 | 0.0476 | 0.959 | 19 | 94 | WG328455 |
| Ethylbenzene | mg/kg | 0.0542 | 0.0483 | 11.5 | 15 | 108 | WG328455 |
| Hexachlorobutadiene | mg/kg | 0.0389 | 0.0365 | 6.51 | 16 | 78 | WG328455 |
| Isopropylbenzene | mg/kg | 0.0520 | 0.0465 | 11.1 | 16 | 104 | WG328455 |
| Methyl tert-butyl ether | mg/kg | 0.0061 | 0.0070 | 12.7 | 16 | 12 | WG328455 |
| Methylene Chloride | mg/kg | 0.0473 | 0.0458 | 3.31 | 15 | 95 | WG328455 |
| n-Butylbenzene | mg/kg | 0.0465 | 0.0455 | 2.34 | 18 | 93 | WG328455 |
| n-Propylbenzene | mg/kg | 0.0508 | 0.0455 | 10.9 | 16 | 102 | WG328455 |
| Naphthalene | mg/kg | 0.0400 | 0.0445 | 10.6 | 21 | 80 | WG328455 |
| p-Isopropyltoluene | mg/kg | 0.0509 | 0.0458 | 10.5 | 16 | 102 | WG328455 |
| sec-Butylbenzene | mg/kg | 0.0499 | 0.0454 | 9.41 | 15 | 100 | WG328455 |
| Styrene | mg/kg | 0.0553 | 0.0503 | 9.49 | 16 | 111 | WG328455 |
| tert-Butylbenzene | mg/kg | 0.0493 | 0.0448 | 9.65 | 16 | 99 | WG328455 |
| Tetrachloroethene | mg/kg | 0.0527 | 0.0458 | 14.0 | 18 | 105 | WG328455 |
| Toluene | mg/kg | 0.0458 | 0.0419 | 8.91 | 13 | 92 | WG328455 |
| trans-1,2-Dichloroethene | mg/kg | 0.0520 | 0.0476 | 8.98 | 17 | 104 | WG328455 |
| trans-1,3-Dichloropropene | mg/kg | 0.0393 | 0.0394 | 0.159 | 17 | 79 | WG328455 |
| Trichloroethene | mg/kg | 0.0481 | 0.0438 | 9.33 | 14 | 96 | WG328455 |
| Trichlorofluoromethane | mg/kg | 0.0469 | 0.0467 | 0.460 | 15 | 94 | WG328455 |
| Vinyl chloride | mg/kg | 0.0573 | 0.0585 | 2.06 | 14 | 115 | WG328455 |
| Xylenes, Total | mg/kg | 0.162 | 0.146 | 10.5 | 14 | 108 | WG328455 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0461 | 0.0446 | 3.21 | 16 | 92 | WG328472 |
| 1,1,1-Trichloroethane | mg/kg | 0.0443 | 0.0447 | 0.971 | 16 | 89 | WG328472 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0470 | 0.0496 | 5.23 | 16 | 94 | WG328472 |
| 1,1,2-Trichloroethane | mg/kg | 0.0525 | 0.0540 | 2.78 | 14 | 105 | WG328472 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0523 | 0.0534 | 1.96 | 17 | 105 | WG328472 |
| 1,1-Dichloroethane | mg/kg | 0.0478 | 0.0485 | 1.35 | 16 | 96 | WG328472 |
| 1,1-Dichloroethene | mg/kg | 0.0554 | 0.0553 | 0.114 | 19 | 111 | WG328472 |
| 1,1-Dichloropropene | mg/kg | 0.0491 | 0.0501 | 1.97 | 17 | 98 | WG328472 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0601 | 0.0655 | 8.70 | 21 | 120 | WG328472 |
| 1,2,3-Trichloropropane | mg/kg | 0.0403 | 0.0436 | 7.97 | 19 | 81 | WG328472 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0669 | 0.0701 | 4.73 | 20 | 134 | WG328472 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0485 | 0.0474 | 2.32 | 15 | 97 | WG328472 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0490 | 0.0531 | 7.88 | 20 | 98 | WG328472 |
| 1,2-Dibromoethane | mg/kg | 0.0479 | 0.0505 | 5.11 | 23 | 96 | WG328472 |
| 1,2-Dichlorobenzene | mg/kg | 0.0553 | 0.0541 | 2.09 | 15 | 111 | WG328472 |
| 1,2-Dichloroethane | mg/kg | 0.0386 | 0.0411 | 6.29 | 15 | 77 | WG328472 |
| 1,2-Dichloropropane | mg/kg | 0.0534 | 0.0553 | 3.48 | 16 | 107 | WG328472 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0472 | 0.0467 | 0.924 | 15 | 94 | WG328472 |
| 1,3-Dichlorobenzene | mg/kg | 0.0506 | 0.0489 | 3.42 | 18 | 101 | WG328472 |
| 1,3-Dichloropropane | mg/kg | 0.0473 | 0.0490 | 3.44 | 15 | 95 | WG328472 |
| 1,4-Dichlorobenzene | mg/kg | 0.0529 | 0.0517 | 2.30 | 17 | 106 | WG328472 |
| 2,2-Dichloropropane | mg/kg | 0.0413 | 0.0424 | 2.70 | 19 | 83 | WG328472 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | mg/kg | 0.218 | 0.243 | 10.9 | 21 | 87 | WG328472 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| 2-Chloroethyl vinyl ether | mg/kg | 0.289 | 0.328 | 12.5 | 14 | 116 | WG328472 |
| 2-Chlorotoluene | mg/kg | 0.0476 | 0.0475 | 0.335 | 19 | 95 | WG328472 |
| 4-Chlorotoluene | mg/kg | 0.0487 | 0.0482 | 1.00 | 16 | 97 | WG328472 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.246 | 0.274 | 10.9 | 19 | 98 | WG328472 |
| Acetone | mg/kg | 0.231 | 0.273 | 16.7 | 31 | 92 | WG328472 |
| Acrylonitrile | mg/kg | 0.235 | 0.273 | 14.9 | 18 | 94 | WG328472 |
| Benzene | mg/kg | 0.0510 | 0.0520 | 2.04 | 13 | 102 | WG328472 |
| Bromobenzene | mg/kg | 0.0458 | 0.0464 | 1.23 | 15 | 92 | WG328472 |
| Bromodichloromethane | mg/kg | 0.0443 | 0.0459 | 3.65 | 13 | 89 | WG328472 |
| Bromoform | mg/kg | 0.0442 | 0.0468 | 5.60 | 16 | 88 | WG328472 |
| Bromomethane | mg/kg | 0.0362 | 0.0351 | 3.28 | 20 | 72 | WG328472 |
| Carbon tetrachloride | mg/kg | 0.0418 | 0.0434 | 3.73 | 16 | 84 | WG328472 |
| Chlorobenzene | mg/kg | 0.0526 | 0.0503 | 4.60 | 16 | 105 | WG328472 |
| Chlorodibromomethane | mg/kg | 0.0446 | 0.0458 | 2.59 | 16 | 89 | WG328472 |
| Chloroethane | mg/kg | 0.0486 | 0.0511 | 5.03 | 16 | 97 | WG328472 |
| Chloroform | mg/kg | 0.0452 | 0.0465 | 2.75 | 14 | 90 | WG328472 |
| Chloromethane | mg/kg | 0.0523 | 0.0528 | 0.999 | 17 | 105 | WG328472 |
| cis-1,2-Dichloroethene | mg/kg | 0.0511 | 0.0511 | 0.0588 | 15 | 102 | WG328472 |
| cis-1,3-Dichloropropene | mg/kg | 0.0502 | 0.0520 | 3.62 | 15 | 100 | WG328472 |
| Di-isopropyl ether | mg/kg | 0.0533 | 0.0527 | 1.13 | 15 | 107 | WG328472 |
| Dibromomethane | mg/kg | 0.0426 | 0.0463 | 8.15 | 14 | 85 | WG328472 |
| Dichlorodifluoromethane | mg/kg | 0.0324 | 0.0334 | 3.12 | 19 | 65 | WG328472 |
| Ethylbenzene | mg/kg | 0.0488 | 0.0479 | 1.98 | 15 | 98 | WG328472 |
| Hexachlorobutadiene | mg/kg | 0.0586 | 0.0598 | 1.96 | 16 | 117 | WG328472 |
| Isopropylbenzene | mg/kg | 0.0495 | 0.0498 | 0.591 | 16 | 99 | WG328472 |
| Methyl tert-butyl ether | mg/kg | 0.0474 | 0.0490 | 3.50 | 16 | 95 | WG328472 |
| Methylene Chloride | mg/kg | 0.0587 | 0.0599 | 1.94 | 15 | 117 | WG328472 |
| n-Butylbenzene | mg/kg | 0.0583 | 0.0583 | 0.0315 | 18 | 117 | WG328472 |
| n-Propylbenzene | mg/kg | 0.0484 | 0.0474 | 1.97 | 16 | 97 | WG328472 |
| Naphthalene | mg/kg | 0.0499 | 0.0566 | 12.5 | 21 | 100 | WG328472 |
| p-Isopropyltoluene | mg/kg | 0.0498 | 0.0493 | 0.928 | 16 | 100 | WG328472 |
| sec-Butylbenzene | mg/kg | 0.0499 | 0.0489 | 1.91 | 15 | 100 | WG328472 |
| Styrene | mg/kg | 0.0532 | 0.0518 | 2.66 | 16 | 106 | WG328472 |
| tert-Butylbenzene | mg/kg | 0.0479 | 0.0476 | 0.662 | 16 | 96 | WG328472 |
| Tetrachloroethene | mg/kg | 0.0507 | 0.0497 | 1.98 | 18 | 101 | WG328472 |
| Toluene | mg/kg | 0.0470 | 0.0483 | 2.56 | 13 | 94 | WG328472 |
| trans-1,2-Dichloroethene | mg/kg | 0.0532 | 0.0536 | 0.687 | 17 | 106 | WG328472 |
| trans-1,3-Dichloropropene | mg/kg | 0.0463 | 0.0491 | 5.74 | 17 | 93 | WG328472 |
| Trichloroethene | mg/kg | 0.0488 | 0.0497 | 1.83 | 14 | 98 | WG328472 |
| Trichlorofluoromethane | mg/kg | 0.0409 | 0.0417 | 1.95 | 15 | 82 | WG328472 |
| Vinyl chloride | mg/kg | 0.0531 | 0.0549 | 3.42 | 14 | 106 | WG328472 |
| Xylenes, Total | mg/kg | 0.145 | 0.143 | 1.41 | 14 | 97 | WG328472 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0526 | 0.0557 | 5.74 | 16 | 105 | WG328517 |
| 1,1,1-Trichloroethane | mg/kg | 0.0395 | 0.0435 | 9.59 | 16 | 79 | WG328517 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0439 | 0.0460 | 4.74 | 16 | 88 | WG328517 |
| 1,1,2-Trichloroethane | mg/kg | 0.0476 | 0.0499 | 4.64 | 14 | 95 | WG328517 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0416 | 0.0451 | 8.05 | 17 | 83 | WG328517 |
| 1,1-Dichloroethane | mg/kg | 0.0362 | 0.0409 | 12.2 | 16 | 72 | WG328517 |
| 1,1-Dichloroethene | mg/kg | 0.0488 | 0.0505 | 3.34 | 19 | 98 | WG328517 |
| 1,1-Dichloropropene | mg/kg | 0.0441 | 0.0472 | 6.82 | 17 | 88 | WG328517 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0491 | 0.0497 | 1.16 | 21 | 98 | WG328517 |
| 1,2,3-Trichloropropane | mg/kg | 0.0438 | 0.0466 | 6.22 | 19 | 88 | WG328517 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0513 | 0.0536 | 4.43 | 20 | 103 | WG328517 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0516 | 0.0563 | 8.80 | 15 | 103 | WG328517 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0334 | 0.0339 | 1.34 | 20 | 67 | WG328517 |
| 1,2-Dibromoethane | mg/kg | 0.0419 | 0.0446 | 6.18 | 23 | 84 | WG328517 |
| 1,2-Dichlorobenzene | mg/kg | 0.0469 | 0.0475 | 1.44 | 15 | 94 | WG328517 |
| 1,2-Dichloroethane | mg/kg | 0.0403 | 0.0421 | 4.40 | 15 | 81 | WG328517 |

ENVIRONMENTAL
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12065 Lebanon Rd.
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Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

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|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | mg/kg | 0.0424 | 0.0435 | 2.53 | 16 | 85 | WG328517 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| 1,3,5-Trimethylbenzene | mg/kg | 0.0525 | 0.0563 | 6.86 | 15 | 105 | WG328517 |
| 1,3-Dichlorobenzene | mg/kg | 0.0525 | 0.0561 | 6.69 | 18 | 105 | WG328517 |
| 1,3-Dichloropropane | mg/kg | 0.0445 | 0.0473 | 5.98 | 15 | 89 | WG328517 |
| 1,4-Dichlorobenzene | mg/kg | 0.0474 | 0.0490 | 3.23 | 17 | 95 | WG328517 |
| 2,2-Dichloropropane | mg/kg | 0.0119 | 0.0161 | 30.0 | 19 | 24 | WG328517 |
| 2-Butanone (MEK) | mg/kg | 0.155 | 0.164 | 5.65 | 21 | 62 | WG328517 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0013 | 0.0004 | 93.6 | 14 | 1 | WG328517 |
| 2-Chlorotoluene | mg/kg | 0.0504 | 0.0541 | 7.14 | 19 | 101 | WG328517 |
| 4-Chlorotoluene | mg/kg | 0.0491 | 0.0526 | 6.93 | 16 | 98 | WG328517 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.188 | 0.192 | 2.39 | 19 | 75 | WG328517 |
| Acetone | mg/kg | 0.176 | 0.186 | 5.75 | 31 | 70 | WG328517 |
| Acrylonitrile | mg/kg | 0.191 | 0.200 | 4.76 | 18 | 76 | WG328517 |
| Benzene | mg/kg | 0.0448 | 0.0482 | 7.35 | 13 | 90 | WG328517 |
| Bromobenzene | mg/kg | 0.0464 | 0.0494 | 6.22 | 15 | 93 | WG328517 |
| Bromodichloromethane | mg/kg | 0.0426 | 0.0441 | 3.64 | 13 | 85 | WG328517 |
| Bromoform | mg/kg | 0.0453 | 0.0477 | 5.03 | 16 | 91 | WG328517 |
| Bromomethane | mg/kg | 0.0815 | 0.0811 | 0.562 | 20 | 163 | WG328517 |
| Carbon tetrachloride | mg/kg | 0.0404 | 0.0437 | 7.79 | 16 | 81 | WG328517 |
| Chlorobenzene | mg/kg | 0.0522 | 0.0559 | 6.76 | 16 | 104 | WG328517 |
| Chlorodibromomethane | mg/kg | 0.0477 | 0.0505 | 5.66 | 16 | 95 | WG328517 |
| Chloroethane | mg/kg | 0.0596 | 0.0589 | 1.17 | 16 | 119 | WG328517 |
| Chloroform | mg/kg | 0.0433 | 0.0457 | 5.45 | 14 | 87 | WG328517 |
| Chloromethane | mg/kg | 0.0465 | 0.0488 | 4.83 | 17 | 93 | WG328517 |
| cis-1,2-Dichloroethene | mg/kg | 0.0490 | 0.0513 | 4.59 | 15 | 98 | WG328517 |
| cis-1,3-Dichloropropene | mg/kg | 0.0431 | 0.0442 | 2.55 | 15 | 86 | WG328517 |
| Di-isopropyl ether | mg/kg | 0.0445 | 0.0473 | 6.01 | 15 | 89 | WG328517 |
| Dibromomethane | mg/kg | 0.0368 | 0.0377 | 2.48 | 14 | 74 | WG328517 |
| Dichlorodifluoromethane | mg/kg | 0.0451 | 0.0442 | 2.01 | 19 | 90 | WG328517 |
| Ethylbenzene | mg/kg | 0.0534 | 0.0582 | 8.63 | 15 | 107 | WG328517 |
| Hexachlorobutadiene | mg/kg | 0.0420 | 0.0425 | 1.30 | 16 | 84 | WG328517 |
| Isopropylbenzene | mg/kg | 0.0523 | 0.0564 | 7.48 | 16 | 105 | WG328517 |
| Methyl tert-butyl ether | mg/kg | 0.0039 | 0.0048 | 19.8 | 16 | 8 | WG328517 |
| Methylene Chloride | mg/kg | 0.0504 | 0.0508 | 0.645 | 15 | 101 | WG328517 |
| n-Butylbenzene | mg/kg | 0.0499 | 0.0510 | 2.21 | 18 | 100 | WG328517 |
| n-Propylbenzene | mg/kg | 0.0519 | 0.0559 | 7.48 | 16 | 104 | WG328517 |
| Naphthalene | mg/kg | 0.0401 | 0.0407 | 1.50 | 21 | 80 | WG328517 |
| p-Isopropyltoluene | mg/kg | 0.0531 | 0.0571 | 7.32 | 16 | 106 | WG328517 |
| sec-Butylbenzene | mg/kg | 0.0514 | 0.0552 | 7.12 | 15 | 103 | WG328517 |
| Styrene | mg/kg | 0.0564 | 0.0600 | 6.28 | 16 | 113 | WG328517 |
| tert-Butylbenzene | mg/kg | 0.0506 | 0.0545 | 7.40 | 16 | 101 | WG328517 |
| Tetrachloroethene | mg/kg | 0.0509 | 0.0552 | 8.00 | 18 | 102 | WG328517 |
| Toluene | mg/kg | 0.0459 | 0.0474 | 3.38 | 13 | 92 | WG328517 |
| trans-1,2-Dichloroethene | mg/kg | 0.0469 | 0.0518 | 9.78 | 17 | 94 | WG328517 |
| trans-1,3-Dichloropropene | mg/kg | 0.0382 | 0.0395 | 3.36 | 17 | 76 | WG328517 |
| Trichloroethene | mg/kg | 0.0475 | 0.0492 | 3.48 | 14 | 95 | WG328517 |
| Trichlorofluoromethane | mg/kg | 0.0469 | 0.0454 | 3.21 | 15 | 94 | WG328517 |
| Vinyl chloride | mg/kg | 0.0558 | 0.0564 | 1.06 | 14 | 112 | WG328517 |
| Xylenes, Total | mg/kg | 0.165 | 0.175 | 6.04 | 14 | 110 | WG328517 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0492 | 0.0534 | 8.24 | 16 | 98 | WG328522 |
| 1,1,1-Trichloroethane | mg/kg | 0.0350 | 0.0382 | 8.95 | 16 | 70 | WG328522 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0489 | 0.0536 | 9.21 | 16 | 98 | WG328522 |
| 1,1,2-Trichloroethane | mg/kg | 0.0453 | 0.0505 | 10.9 | 14 | 91 | WG328522 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0328 | 0.0360 | 9.37 | 17 | 66 | WG328522 |
| 1,1-Dichloroethane | mg/kg | 0.0375 | 0.0408 | 8.47 | 16 | 75 | WG328522 |
| 1,1-Dichloroethene | mg/kg | 0.0358 | 0.0398 | 10.5 | 19 | 72 | WG328522 |
| 1,1-Dichloropropene | mg/kg | 0.0370 | 0.0403 | 8.74 | 17 | 74 | WG328522 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0430 | 0.0458 | 6.34 | 21 | 86 | WG328522 |
| 1,2,3-Trichloropropane | mg/kg | 0.0452 | 0.0484 | 6.92 | 19 | 90 | WG328522 |

ENVIRONMENTAL
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Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | mg/kg | 0.0395 | 0.0426 | 7.66 | 20 | 79 | WG328522 |

Laboratory Control Sample Duplicate

| Analyte | Units | LCSD Res | Ref Res | RPD | Limit | %Rec | Batch |
|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | mg/kg | 0.0423 | 0.0463 | 8.86 | 15 | 85 | WG328522 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0520 | 0.0550 | 5.51 | 20 | 104 | WG328522 |
| 1,2-Dibromoethane | mg/kg | 0.0485 | 0.0531 | 9.06 | 23 | 97 | WG328522 |
| 1,2-Dichlorobenzene | mg/kg | 0.0434 | 0.0472 | 8.40 | 15 | 87 | WG328522 |
| 1,2-Dichloroethane | mg/kg | 0.0366 | 0.0388 | 5.78 | 15 | 73 | WG328522 |
| 1,2-Dichloropropane | mg/kg | 0.0400 | 0.0425 | 6.26 | 16 | 80 | WG328522 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0436 | 0.0486 | 10.9 | 15 | 87 | WG328522 |
| 1,3-Dichlorobenzene | mg/kg | 0.0461 | 0.0504 | 8.80 | 18 | 92 | WG328522 |
| 1,3-Dichloropropane | mg/kg | 0.0447 | 0.0481 | 7.47 | 15 | 89 | WG328522 |
| 1,4-Dichlorobenzene | mg/kg | 0.0405 | 0.0437 | 7.51 | 17 | 81 | WG328522 |
| 2,2-Dichloropropane | mg/kg | 0.0323 | 0.0351 | 8.45 | 19 | 65 | WG328522 |
| 2-Butanone (MEK) | mg/kg | 0.205 | 0.226 | 9.92 | 21 | 82 | WG328522 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.383 | 0.406 | 5.64 | 14 | 153 | WG328522 |
| 2-Chlorotoluene | mg/kg | 0.0420 | 0.0462 | 9.62 | 19 | 84 | WG328522 |
| 4-Chlorotoluene | mg/kg | 0.0411 | 0.0456 | 10.3 | 16 | 82 | WG328522 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.236 | 0.256 | 7.88 | 19 | 95 | WG328522 |
| Acetone | mg/kg | 0.195 | 0.210 | 7.42 | 31 | 78 | WG328522 |
| Acrylonitrile | mg/kg | 0.212 | 0.229 | 7.42 | 18 | 85 | WG328522 |
| Benzene | mg/kg | 0.0378 | 0.0413 | 8.65 | 13 | 76 | WG328522 |
| Bromobenzene | mg/kg | 0.0420 | 0.0457 | 8.43 | 15 | 84 | WG328522 |
| Bromodichloromethane | mg/kg | 0.0408 | 0.0432 | 5.89 | 13 | 82 | WG328522 |
| Bromoform | mg/kg | 0.0527 | 0.0587 | 10.8 | 16 | 105 | WG328522 |
| Bromomethane | mg/kg | 0.0456 | 0.0428 | 6.28 | 20 | 91 | WG328522 |
| Carbon tetrachloride | mg/kg | 0.0351 | 0.0385 | 9.11 | 16 | 70 | WG328522 |
| Chlorobenzene | mg/kg | 0.0458 | 0.0503 | 9.33 | 16 | 92 | WG328522 |
| Chlorodibromomethane | mg/kg | 0.0496 | 0.0525 | 5.63 | 16 | 99 | WG328522 |
| Chloroethane | mg/kg | 0.0460 | 0.0450 | 2.19 | 16 | 92 | WG328522 |
| Chloroform | mg/kg | 0.0378 | 0.0405 | 7.10 | 14 | 76 | WG328522 |
| Chloromethane | mg/kg | 0.0499 | 0.0474 | 5.19 | 17 | 100 | WG328522 |
| cis-1,2-Dichloroethene | mg/kg | 0.0423 | 0.0454 | 7.00 | 15 | 85 | WG328522 |
| cis-1,3-Dichloropropene | mg/kg | 0.0414 | 0.0448 | 8.09 | 15 | 83 | WG328522 |
| Di-isopropyl ether | mg/kg | 0.0398 | 0.0427 | 7.08 | 15 | 80 | WG328522 |
| Dibromomethane | mg/kg | 0.0440 | 0.0472 | 6.96 | 14 | 88 | WG328522 |
| Dichlorodifluoromethane | mg/kg | 0.0606 | 0.0584 | 3.75 | 19 | 121 | WG328522 |
| Ethylbenzene | mg/kg | 0.0447 | 0.0504 | 12.1 | 15 | 89 | WG328522 |
| Hexachlorobutadiene | mg/kg | 0.0406 | 0.0478 | 16.3 | 16 | 81 | WG328522 |
| Isopropylbenzene | mg/kg | 0.0444 | 0.0496 | 11.2 | 16 | 89 | WG328522 |
| Methyl tert-butyl ether | mg/kg | 0.0415 | 0.0448 | 7.58 | 16 | 83 | WG328522 |
| Methylene Chloride | mg/kg | 0.0351 | 0.0380 | 7.83 | 15 | 70 | WG328522 |
| n-Butylbenzene | mg/kg | 0.0354 | 0.0403 | 12.9 | 18 | 71 | WG328522 |
| n-Propylbenzene | mg/kg | 0.0413 | 0.0459 | 10.5 | 16 | 83 | WG328522 |
| Naphthalene | mg/kg | 0.0484 | 0.0509 | 5.02 | 21 | 97 | WG328522 |
| p-Isopropyltoluene | mg/kg | 0.0438 | 0.0494 | 11.8 | 16 | 88 | WG328522 |
| sec-Butylbenzene | mg/kg | 0.0441 | 0.0498 | 12.1 | 15 | 88 | WG328522 |
| Styrene | mg/kg | 0.0478 | 0.0527 | 9.90 | 16 | 96 | WG328522 |
| tert-Butylbenzene | mg/kg | 0.0458 | 0.0510 | 10.8 | 16 | 92 | WG328522 |
| Tetrachloroethene | mg/kg | 0.0443 | 0.0501 | 12.3 | 18 | 89 | WG328522 |
| Toluene | mg/kg | 0.0408 | 0.0447 | 9.28 | 13 | 82 | WG328522 |
| trans-1,2-Dichloroethene | mg/kg | 0.0385 | 0.0430 | 11.1 | 17 | 77 | WG328522 |
| trans-1,3-Dichloropropene | mg/kg | 0.0417 | 0.0440 | 5.39 | 17 | 83 | WG328522 |
| Trichloroethene | mg/kg | 0.0391 | 0.0430 | 9.63 | 14 | 78 | WG328522 |
| Trichlorofluoromethane | mg/kg | 0.0427 | 0.0421 | 1.22 | 15 | 85 | WG328522 |
| Vinyl chloride | mg/kg | 0.0465 | 0.0453 | 2.58 | 14 | 93 | WG328522 |
| Xylenes, Total | mg/kg | 0.136 | 0.151 | 10.3 | 14 | 91 | WG328522 |
| Ethylbenzene | mg/kg | 0.0434 | 0.0474 | 8.80 | 15 | 87 | WG328661 |
| Xylenes, Total | mg/kg | 0.141 | 0.150 | 5.92 | 14 | 94 | WG328661 |

Matrix Spike

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | mg/l | 0.877 | 0.00 | .05 | 87.7 | 57-133 | L317465-35 | WG328208 |
| 1,1,1-Trichloroethane | mg/l | 0.337 | 0.00 | .05 | 33.7 | 54-143 | L317465-35 | WG328208 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.972 | 0.00 | .05 | 97.2 | 58-134 | L317465-35 | WG328208 |
| 1,1,2-Trichloroethane | mg/l | 0.887 | 0.00 | .05 | 88.7 | 58-125 | L317465-35 | WG328208 |
| 1,1-Dichloroethane | mg/l | 0.475 | 0.00 | .05 | 47.5 | 53-136 | L317465-35 | WG328208 |
| 1,1-Dichloroethene | mg/l | 0.248 | 0.00 | .05 | 24.8 | 58-145 | L317465-35 | WG328208 |
| 1,1-Dichloropropene | mg/l | 0.293 | 0.00 | .05 | 29.3 | 58-126 | L317465-35 | WG328208 |
| 1,2,3-Trichlorobenzene | mg/l | 0.734 | 0.00 | .05 | 73.4 | 48-127 | L317465-35 | WG328208 |
| 1,2,3-Trichloropropane | mg/l | 1.00 | 0.00 | .05 | 100. | 57-145 | L317465-35 | WG328208 |
| 1,2,4-Trichlorobenzene | mg/l | 0.746 | 0.00 | .05 | 74.6 | 41-127 | L317465-35 | WG328208 |
| 1,2,4-Trimethylbenzene | mg/l | 0.608 | 0.00 | .05 | 60.8 | 52-125 | L317465-35 | WG328208 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.914 | 0.00 | .05 | 91.4 | 44-138 | L317465-35 | WG328208 |
| 1,2-Dibromoethane | mg/l | 0.888 | 0.00 | .05 | 88.8 | 64-126 | L317465-35 | WG328208 |
| 1,2-Dichlorobenzene | mg/l | 0.782 | 0.00 | .05 | 78.2 | 50-127 | L317465-35 | WG328208 |
| 1,2-Dichloroethane | mg/l | 0.772 | 0.00 | .05 | 77.2 | 54-145 | L317465-35 | WG328208 |
| 1,2-Dichloropropane | mg/l | 0.654 | 0.00 | .05 | 65.4 | 55-135 | L317465-35 | WG328208 |
| 1,3,5-Trimethylbenzene | mg/l | 0.536 | 0.00 | .05 | 53.6 | 54-125 | L317465-35 | WG328208 |
| 1,3-Dichlorobenzene | mg/l | 0.687 | 0.00 | .05 | 68.7 | 47-128 | L317465-35 | WG328208 |
| 1,3-Dichloropropane | mg/l | 0.810 | 0.00 | .05 | 81.0 | 64-125 | L317465-35 | WG328208 |
| 1,4-Dichlorobenzene | mg/l | 0.732 | 0.00 | .05 | 73.2 | 47-123 | L317465-35 | WG328208 |
| 2,2-Dichloropropane | mg/l | 0.296 | 0.00 | .05 | 29.6 | 44-143 | L317465-35 | WG328208 |
| 2-Butanone (MEK) | mg/l | 3.96 | 0.00 | .25 | 79.2 | 47-133 | L317465-35 | WG328208 |
| 2-Chloroethyl vinyl ether | mg/l | 0.0292 | 0.00 | .25 | 0.5 | 28-148 | L317465-35 | WG328208 |
| 2-Chlorotoluene | mg/l | 0.608 | 0.00 | .05 | 60.8 | 51-135 | L317465-35 | WG328208 |
| 4-Chlorotoluene | mg/l | 0.647 | 0.00 | .05 | 64.7 | 57-123 | L317465-35 | WG328208 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 4.90 | 0.00 | .25 | 98.1 | 45-144 | L317465-35 | WG328208 |
| Acetone | mg/l | 5.91 | 0.00 | .25 | 118. | 25-158 | L317465-35 | WG328208 |
| Acrolein | mg/l | 4.08 | 0.00 | .25 | 81.6 | 25-128 | L317465-35 | WG328208 |
| Acrylonitrile | mg/l | 4.62 | 0.00 | .25 | 92.3 | 39-136 | L317465-35 | WG328208 |
| Benzene | mg/l | 0.524 | 0.00 | .05 | 52.4 | 51-134 | L317465-35 | WG328208 |
| Bromobenzene | mg/l | 0.728 | 0.00 | .05 | 72.8 | 60-131 | L317465-35 | WG328208 |
| Bromodichloromethane | mg/l | 0.733 | 0.00 | .05 | 73.3 | 54-139 | L317465-35 | WG328208 |
| Bromoform | mg/l | 0.893 | 0.00 | .05 | 89.3 | 52-144 | L317465-35 | WG328208 |
| Bromomethane | mg/l | 0.424 | 0.00 | .05 | 42.4 | 21-131 | L317465-35 | WG328208 |
| Carbon tetrachloride | mg/l | 0.363 | 0.00 | .05 | 36.3 | 51-147 | L317465-35 | WG328208 |
| Chlorobenzene | mg/l | 0.634 | 0.00 | .05 | 63.4 | 59-125 | L317465-35 | WG328208 |
| Chlorodibromomethane | mg/l | 0.853 | 0.00 | .05 | 85.3 | 57-133 | L317465-35 | WG328208 |
| Chloroethane | mg/l | 0.316 | 0.00 | .05 | 31.6 | 38-153 | L317465-35 | WG328208 |
| Chloroform | mg/l | 0.593 | 0.00 | .05 | 59.3 | 55-133 | L317465-35 | WG328208 |
| Chloromethane | mg/l | 0.299 | 0.00 | .05 | 29.9 | 39-135 | L317465-35 | WG328208 |
| cis-1,2-Dichloroethene | mg/l | 0.553 | 0.00 | .05 | 55.3 | 64-126 | L317465-35 | WG328208 |
| cis-1,3-Dichloropropene | mg/l | 0.760 | 0.00 | .05 | 76.0 | 54-122 | L317465-35 | WG328208 |
| Di-isopropyl ether | mg/l | 0.674 | 0.00 | .05 | 67.4 | 53-132 | L317465-35 | WG328208 |
| Dibromomethane | mg/l | 0.798 | 0.00 | .05 | 79.8 | 61-132 | L317465-35 | WG328208 |
| Dichlorodifluoromethane | mg/l | 0.0853 | 0.00 | .05 | 8.5 | 26-153 | L317465-35 | WG328208 |
| Ethylbenzene | mg/l | 0.504 | 0.00 | .05 | 50.4 | 55-125 | L317465-35 | WG328208 |
| Hexachlorobutadiene | mg/l | 0.450 | 0.00 | .05 | 45.0 | 51-109 | L317465-35 | WG328208 |
| Isopropylbenzene | mg/l | 0.493 | 0.00 | .05 | 49.3 | 59-127 | L317465-35 | WG328208 |
| Methyl tert-butyl ether | mg/l | 0.742 | 0.00 | .05 | 74.2 | 50-137 | L317465-35 | WG328208 |
| Methylene Chloride | mg/l | 0.569 | 0.00 | .05 | 56.9 | 44-143 | L317465-35 | WG328208 |
| n-Butylbenzene | mg/l | 0.483 | 0.00 | .05 | 48.3 | 47-124 | L317465-35 | WG328208 |
| n-Propylbenzene | mg/l | 0.489 | 0.00 | .05 | 48.9 | 53-124 | L317465-35 | WG328208 |
| Naphthalene | mg/l | 0.789 | 0.00 | .05 | 78.9 | 45-141 | L317465-35 | WG328208 |
| p-Isopropyltoluene | mg/l | 0.505 | 0.00 | .05 | 50.5 | 52-126 | L317465-35 | WG328208 |
| sec-Butylbenzene | mg/l | 0.465 | 0.00 | .05 | 46.5 | 54-127 | L317465-35 | WG328208 |
| Styrene | mg/l | 0.680 | 0.00 | .05 | 68.0 | 55-121 | L317465-35 | WG328208 |
| tert-Butylbenzene | mg/l | 0.509 | 0.00 | .05 | 50.9 | 57-128 | L317465-35 | WG328208 |
| Tetrachloroethene | mg/l | 0.361 | 0.00 | .05 | 36.1 | 53-128 | L317465-35 | WG328208 |
| Toluene | mg/l | 0.495 | 0.00 | .05 | 49.5 | 57-126 | L317465-35 | WG328208 |
| trans-1,2-Dichloroethene | mg/l | 0.346 | 0.00 | .05 | 34.6 | 52-139 | L317465-35 | WG328208 |
| trans-1,3-Dichloropropene | mg/l | 0.699 | 0.00 | .05 | 69.9 | 48-113 | L317465-35 | WG328208 |
| Trichloroethene | mg/l | 0.429 | 0.00 | .05 | 42.9 | 57-135 | L317465-35 | WG328208 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | mg/l | 0.168 | 0.00 | .05 | 16.8 | 42-134 | L317465-35 | WG328208 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | mg/l | 0.218 | 0.00 | .05 | 21.8 | 44-132 | L317465-35 | WG328208 |
| Xylenes, Total | mg/l | 1.69 | 0.00 | .15 | 56.3 | 54-129 | L317465-35 | WG328208 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.211 | 0.00 | .05 | 9.4 | 56-123 | L317465-05 | WG328209 |
| 1,1,1-Trichloroethane | mg/kg | 1.25 | 0.00 | .05 | 55.6 | 53-139 | L317465-05 | WG328209 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 1.82 | 0.00 | .05 | 80.9 | 37-133 | L317465-05 | WG328209 |
| 1,1,2-Trichloroethane | mg/kg | 1.56 | 0.00 | .05 | 69.4 | 61-113 | L317465-05 | WG328209 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 1.20 | 0.00 | .05 | 53.3 | 56-115 | L317465-05 | WG328209 |
| 1,1-Dichloroethane | mg/kg | 1.38 | 0.00 | .05 | 61.1 | 64-127 | L317465-05 | WG328209 |
| 1,1-Dichloroethene | mg/kg | 1.14 | 0.00 | .05 | 50.5 | 64-126 | L317465-05 | WG328209 |
| 1,1-Dichloropropene | mg/kg | 1.18 | 0.00 | .05 | 52.5 | 55-108 | L317465-05 | WG328209 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0832 | 0.00 | .05 | 3.7 | 30-113 | L317465-05 | WG328209 |
| 1,2,3-Trichloropropane | mg/kg | 2.05 | 0.00 | .05 | 91.0 | 47-138 | L317465-05 | WG328209 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.308 | 0.00 | .05 | 13.7 | 30-104 | L317465-05 | WG328209 |
| 1,2,4-Trimethylbenzene | mg/kg | 1.91 | 0.410 | .05 | 66.7 | 38-108 | L317465-05 | WG328209 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 1.24 | 0.00 | .05 | 55.3 | 39-135 | L317465-05 | WG328209 |
| 1,2-Dibromoethane | mg/kg | 1.52 | 0.00 | .05 | 67.8 | 57-120 | L317465-05 | WG328209 |
| 1,2-Dichlorobenzene | mg/kg | 1.56 | 0.00 | .05 | 69.4 | 36-110 | L317465-05 | WG328209 |
| 1,2-Dichloroethane | mg/kg | 1.36 | 0.00 | .05 | 60.4 | 46-147 | L317465-05 | WG328209 |
| 1,2-Dichloropropane | mg/kg | 1.40 | 0.00 | .05 | 62.4 | 63-124 | L317465-05 | WG328209 |
| 1,3,5-Trimethylbenzene | mg/kg | 2.04 | 0.00 | .05 | 90.7 | 39-106 | L317465-05 | WG328209 |
| 1,3-Dichlorobenzene | mg/kg | 1.58 | 0.00 | .05 | 70.2 | 31-109 | L317465-05 | WG328209 |
| 1,3-Dichloropropane | mg/kg | 1.52 | 0.00 | .05 | 67.4 | 65-116 | L317465-05 | WG328209 |
| 1,4-Dichlorobenzene | mg/kg | 1.47 | 0.00 | .05 | 65.2 | 32-102 | L317465-05 | WG328209 |
| 2,2-Dichloropropane | mg/kg | 1.19 | 0.00 | .05 | 52.9 | 49-138 | L317465-05 | WG328209 |
| 2-Butanone (MEK) | mg/kg | 6.09 | 0.00 | .25 | 54.2 | 43-137 | L317465-05 | WG328209 |
| 2-Chloroethyl vinyl ether | mg/kg | 6.96 | 0.00 | .25 | 61.8 | 40-138 | L317465-05 | WG328209 |
| 2-Chlorotoluene | mg/kg | 1.54 | 0.00 | .05 | 68.5 | 45-111 | L317465-05 | WG328209 |
| 4-Chlorotoluene | mg/kg | 1.48 | 0.00 | .05 | 65.7 | 38-106 | L317465-05 | WG328209 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 6.50 | 0.00 | .25 | 57.8 | 47-133 | L317465-05 | WG328209 |
| Acetone | mg/kg | 7.08 | 0.00 | .25 | 62.9 | 33-148 | L317465-05 | WG328209 |
| Acrylonitrile | mg/kg | 6.50 | 0.00 | .25 | 57.8 | 40-126 | L317465-05 | WG328209 |
| Benzene | mg/kg | 1.29 | 0.00 | .05 | 57.5 | 54-119 | L317465-05 | WG328209 |
| Bromobenzene | mg/kg | 2.94 | 0.00 | .05 | 131. | 45-116 | L317465-05 | WG328209 |
| Bromodichloromethane | mg/kg | 1.35 | 0.00 | .05 | 60.0 | 51-125 | L317465-05 | WG328209 |
| Bromoform | mg/kg | 1.42 | 0.00 | .05 | 63.2 | 44-135 | L317465-05 | WG328209 |
| Bromomethane | mg/kg | 0.350 | 0.00 | .05 | 15.6 | 30-113 | L317465-05 | WG328209 |
| Carbon tetrachloride | mg/kg | 1.20 | 0.00 | .05 | 53.5 | 47-133 | L317465-05 | WG328209 |
| Chlorobenzene | mg/kg | 0.449 | 0.00 | .05 | 19.9 | 53-110 | L317465-05 | WG328209 |
| Chlorodibromomethane | mg/kg | 1.56 | 0.00 | .05 | 69.2 | 53-125 | L317465-05 | WG328209 |
| Chloroethane | mg/kg | 0.511 | 0.00 | .05 | 22.7 | 42-149 | L317465-05 | WG328209 |
| Chloroform | mg/kg | 1.37 | 0.00 | .05 | 60.7 | 61-127 | L317465-05 | WG328209 |
| Chloromethane | mg/kg | 1.11 | 0.00 | .05 | 49.4 | 35-140 | L317465-05 | WG328209 |
| cis-1,2-Dichloroethene | mg/kg | 1.34 | 0.00 | .05 | 59.6 | 67-120 | L317465-05 | WG328209 |
| cis-1,3-Dichloropropene | mg/kg | 1.34 | 0.00 | .05 | 59.3 | 53-113 | L317465-05 | WG328209 |
| Di-isopropyl ether | mg/kg | 1.37 | 0.00 | .05 | 60.9 | 53-132 | L317465-05 | WG328209 |
| Dibromomethane | mg/kg | 1.43 | 0.00 | .05 | 63.6 | 57-126 | L317465-05 | WG328209 |
| Dichlorodifluoromethane | mg/kg | 1.23 | 0.00 | .05 | 54.5 | 34-140 | L317465-05 | WG328209 |
| Ethylbenzene | mg/kg | 64.3 | 68.0 | .05 | 0.0 | 47-111 | L317465-05 | WG328209 |
| Hexachlorobutadiene | mg/kg | 0.0877 | 0.00 | .05 | 3.9 | 30-91 | L317465-05 | WG328209 |
| Isopropylbenzene | mg/kg | 6.56 | 5.30 | .05 | 56.0 | 49-110 | L317465-05 | WG328209 |
| Methyl tert-butyl ether | mg/kg | 1.46 | 0.00 | .05 | 65.0 | 63-131 | L317465-05 | WG328209 |
| Methylene Chloride | mg/kg | 1.33 | 0.00 | .05 | 59.1 | 54-123 | L317465-05 | WG328209 |
| n-Butylbenzene | mg/kg | 1.42 | 0.00 | .05 | 63.3 | 36-94 | L317465-05 | WG328209 |
| n-Propylbenzene | mg/kg | 5.14 | 4.00 | .05 | 50.5 | 43-101 | L317465-05 | WG328209 |
| Naphthalene | mg/kg | 0.248 | 0.00 | .05 | 11.0 | 33-125 | L317465-05 | WG328209 |
| p-Isopropyltoluene | mg/kg | 1.75 | 0.00 | .05 | 77.6 | 34-105 | L317465-05 | WG328209 |
| sec-Butylbenzene | mg/kg | 1.59 | 0.130 | .05 | 64.7 | 37-105 | L317465-05 | WG328209 |
| Styrene | mg/kg | 3.55 | 0.00 | .05 | 158. | 43-107 | L317465-05 | WG328209 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | mg/kg | 1.54 | 0.00 | .05 | 68.4 | 45-112 | L317465-05 | WG328209 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | mg/kg | 1.39 | 0.00 | .05 | 61.8 | 40-114 | L317465-05 | WG328209 |
| Toluene | mg/kg | 1.32 | 0.00 | .05 | 58.5 | 54-109 | L317465-05 | WG328209 |
| trans-1,2-Dichloroethene | mg/kg | 1.16 | 0.00 | .05 | 51.4 | 58-118 | L317465-05 | WG328209 |
| trans-1,3-Dichloropropene | mg/kg | 1.30 | 0.00 | .05 | 57.7 | 41-107 | L317465-05 | WG328209 |
| Trichloroethene | mg/kg | 1.30 | 0.00 | .05 | 57.9 | 56-119 | L317465-05 | WG328209 |
| Trichlorofluoromethane | mg/kg | 1.10 | 0.00 | .05 | 49.0 | 39-126 | L317465-05 | WG328209 |
| Vinyl chloride | mg/kg | 1.27 | 0.00 | .05 | 56.3 | 39-127 | L317465-05 | WG328209 |
| Xylenes, Total | mg/kg | 153. | 380. | .15 | 0.0 | 51-107 | L317465-05 | WG328209 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 1.87 | 0.00 | .05 | 85.2 | 56-123 | L317465-22 | WG328221 |
| 1,1,1-Trichloroethane | mg/kg | 1.46 | 0.00 | .05 | 66.2 | 53-139 | L317465-22 | WG328221 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 1.82 | 0.00 | .05 | 82.7 | 37-133 | L317465-22 | WG328221 |
| 1,1,2-Trichloroethane | mg/kg | 1.85 | 0.00 | .05 | 83.9 | 61-113 | L317465-22 | WG328221 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 1.33 | 0.00 | .05 | 60.4 | 56-115 | L317465-22 | WG328221 |
| 1,1-Dichloroethane | mg/kg | 1.61 | 0.00 | .05 | 73.2 | 64-127 | L317465-22 | WG328221 |
| 1,1-Dichloroethene | mg/kg | 1.21 | 0.00 | .05 | 55.1 | 64-126 | L317465-22 | WG328221 |
| 1,1-Dichloropropene | mg/kg | 1.32 | 0.00 | .05 | 59.9 | 55-108 | L317465-22 | WG328221 |
| 1,2,3-Trichlorobenzene | mg/kg | 2.12 | 0.00 | .05 | 96.4 | 30-113 | L317465-22 | WG328221 |
| 1,2,3-Trichloropropane | mg/kg | 1.92 | 0.00 | .05 | 87.1 | 47-138 | L317465-22 | WG328221 |
| 1,2,4-Trichlorobenzene | mg/kg | 1.84 | 0.00 | .05 | 83.5 | 30-104 | L317465-22 | WG328221 |
| 1,2,4-Trimethylbenzene | mg/kg | 1.64 | 0.00 | .05 | 74.5 | 38-108 | L317465-22 | WG328221 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 2.03 | 0.00 | .05 | 92.2 | 39-135 | L317465-22 | WG328221 |
| 1,2-Dibromoethane | mg/kg | 1.84 | 0.00 | .05 | 83.6 | 57-120 | L317465-22 | WG328221 |
| 1,2-Dichlorobenzene | mg/kg | 1.87 | 0.00 | .05 | 85.1 | 36-110 | L317465-22 | WG328221 |
| 1,2-Dichloroethane | mg/kg | 1.70 | 0.00 | .05 | 77.4 | 46-147 | L317465-22 | WG328221 |
| 1,2-Dichloropropane | mg/kg | 1.70 | 0.00 | .05 | 77.1 | 63-124 | L317465-22 | WG328221 |
| 1,3,5-Trimethylbenzene | mg/kg | 1.61 | 0.00 | .05 | 73.2 | 39-106 | L317465-22 | WG328221 |
| 1,3-Dichlorobenzene | mg/kg | 1.74 | 0.00 | .05 | 79.3 | 31-109 | L317465-22 | WG328221 |
| 1,3-Dichloropropane | mg/kg | 1.78 | 0.00 | .05 | 81.0 | 65-116 | L317465-22 | WG328221 |
| 1,4-Dichlorobenzene | mg/kg | 1.70 | 0.00 | .05 | 77.1 | 32-102 | L317465-22 | WG328221 |
| 2,2-Dichloropropane | mg/kg | 1.41 | 0.00 | .05 | 64.0 | 49-138 | L317465-22 | WG328221 |
| 2-Butanone (MEK) | mg/kg | 8.07 | 0.00 | .25 | 73.4 | 43-137 | L317465-22 | WG328221 |
| 2-Chloroethyl vinyl ether | mg/kg | 8.78 | 0.00 | .25 | 79.9 | 40-138 | L317465-22 | WG328221 |
| 2-Chlorotoluene | mg/kg | 1.60 | 0.00 | .05 | 72.9 | 45-111 | L317465-22 | WG328221 |
| 4-Chlorotoluene | mg/kg | 1.56 | 0.00 | .05 | 70.8 | 38-106 | L317465-22 | WG328221 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 8.72 | 0.00 | .25 | 79.3 | 47-133 | L317465-22 | WG328221 |
| Acetone | mg/kg | 11.0 | 0.00 | .25 | 99.8 | 33-148 | L317465-22 | WG328221 |
| Acrylonitrile | mg/kg | 8.26 | 0.00 | .25 | 75.1 | 40-126 | L317465-22 | WG328221 |
| Benzene | mg/kg | 1.52 | 0.00 | .05 | 69.3 | 54-119 | L317465-22 | WG328221 |
| Bromobenzene | mg/kg | 1.68 | 0.00 | .05 | 76.3 | 45-116 | L317465-22 | WG328221 |
| Bromodichloromethane | mg/kg | 1.69 | 0.00 | .05 | 77.0 | 51-125 | L317465-22 | WG328221 |
| Bromoform | mg/kg | 1.94 | 0.00 | .05 | 88.2 | 44-135 | L317465-22 | WG328221 |
| Bromomethane | mg/kg | 0.408 | 0.00 | .05 | 18.5 | 30-113 | L317465-22 | WG328221 |
| Carbon tetrachloride | mg/kg | 1.38 | 0.00 | .05 | 62.6 | 47-133 | L317465-22 | WG328221 |
| Chlorobenzene | mg/kg | 1.67 | 0.00 | .05 | 76.0 | 53-110 | L317465-22 | WG328221 |
| Chlorodibromomethane | mg/kg | 1.89 | 0.00 | .05 | 85.9 | 53-125 | L317465-22 | WG328221 |
| Chloroethane | mg/kg | 0.520 | 0.00 | .05 | 23.6 | 42-149 | L317465-22 | WG328221 |
| Chloroform | mg/kg | 1.61 | 0.00 | .05 | 73.4 | 61-127 | L317465-22 | WG328221 |
| Chloromethane | mg/kg | 1.26 | 0.00 | .05 | 57.3 | 35-140 | L317465-22 | WG328221 |
| cis-1,2-Dichloroethene | mg/kg | 1.58 | 0.00 | .05 | 71.6 | 67-120 | L317465-22 | WG328221 |
| cis-1,3-Dichloropropene | mg/kg | 1.66 | 0.00 | .05 | 75.6 | 53-113 | L317465-22 | WG328221 |
| Di-isopropyl ether | mg/kg | 1.66 | 0.00 | .05 | 75.5 | 53-132 | L317465-22 | WG328221 |
| Dibromomethane | mg/kg | 1.74 | 0.00 | .05 | 79.2 | 57-126 | L317465-22 | WG328221 |
| Dichlorodifluoromethane | mg/kg | 1.28 | 0.00 | .05 | 58.3 | 34-140 | L317465-22 | WG328221 |
| Ethylbenzene | mg/kg | 4.61 | 1.00 | .05 | 164. | 47-111 | L317465-22 | WG328221 |
| Hexachlorobutadiene | mg/kg | 1.81 | 0.00 | .05 | 82.3 | 30-91 | L317465-22 | WG328221 |
| Isopropylbenzene | mg/kg | 1.60 | 0.00 | .05 | 72.6 | 49-110 | L317465-22 | WG328221 |
| Methyl tert-butyl ether | mg/kg | 1.80 | 0.00 | .05 | 81.6 | 63-131 | L317465-22 | WG328221 |
| Methylene Chloride | mg/kg | 1.54 | 0.00 | .05 | 70.1 | 54-123 | L317465-22 | WG328221 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n-Butylbenzene | mg/kg | 1.43 | 0.00 | .05 | 64.9 | 36-94 | L317465-22 | WG328221 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| n-Propylbenzene | mg/kg | 1.53 | 0.00 | .05 | 69.4 | 43-101 | L317465-22 | WG328221 |
| Naphthalene | mg/kg | 2.08 | 0.00 | .05 | 94.8 | 33-125 | L317465-22 | WG328221 |
| p-Isopropyltoluene | mg/kg | 1.62 | 0.00 | .05 | 73.5 | 34-105 | L317465-22 | WG328221 |
| sec-Butylbenzene | mg/kg | 1.56 | 0.00 | .05 | 70.7 | 37-105 | L317465-22 | WG328221 |
| Styrene | mg/kg | 1.81 | 0.00 | .05 | 82.4 | 43-107 | L317465-22 | WG328221 |
| tert-Butylbenzene | mg/kg | 1.64 | 0.00 | .05 | 74.7 | 45-112 | L317465-22 | WG328221 |
| Tetrachloroethene | mg/kg | 1.47 | 0.00 | .05 | 66.7 | 40-114 | L317465-22 | WG328221 |
| Toluene | mg/kg | 1.52 | 0.00 | .05 | 68.9 | 54-109 | L317465-22 | WG328221 |
| trans-1,2-Dichloroethene | mg/kg | 1.30 | 0.00 | .05 | 59.3 | 58-118 | L317465-22 | WG328221 |
| trans-1,3-Dichloropropene | mg/kg | 1.65 | 0.00 | .05 | 74.8 | 41-107 | L317465-22 | WG328221 |
| Trichloroethene | mg/kg | 1.52 | 0.00 | .05 | 69.2 | 56-119 | L317465-22 | WG328221 |
| Trichlorofluoromethane | mg/kg | 1.16 | 0.00 | .05 | 52.7 | 39-126 | L317465-22 | WG328221 |
| Vinyl chloride | mg/kg | 1.39 | 0.00 | .05 | 63.2 | 39-127 | L317465-22 | WG328221 |
| Xylenes, Total | mg/kg | 20.0 | 8.00 | .15 | 182. | 51-107 | L317465-22 | WG328221 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0524 | 0.00 | .05 | 105. | 56-123 | L317465-49 | WG328307 |
| 1,1,1-Trichloroethane | mg/kg | 0.0551 | 0.00 | .05 | 110. | 53-139 | L317465-49 | WG328307 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0444 | 0.00 | .05 | 88.7 | 37-133 | L317465-49 | WG328307 |
| 1,1,2-Trichloroethane | mg/kg | 0.0485 | 0.00 | .05 | 97.0 | 61-113 | L317465-49 | WG328307 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0439 | 0.00 | .05 | 87.8 | 56-115 | L317465-49 | WG328307 |
| 1,1-Dichloroethane | mg/kg | 0.0497 | 0.00 | .05 | 99.5 | 64-127 | L317465-49 | WG328307 |
| 1,1-Dichloroethene | mg/kg | 0.0434 | 0.00 | .05 | 86.7 | 64-126 | L317465-49 | WG328307 |
| 1,1-Dichloropropene | mg/kg | 0.0421 | 0.00 | .05 | 84.1 | 55-108 | L317465-49 | WG328307 |
| 1,2,3-Trichloropropane | mg/kg | 0.0485 | 0.00 | .05 | 96.9 | 47-138 | L317465-49 | WG328307 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0262 | 0.00 | .05 | 52.5 | 38-108 | L317465-49 | WG328307 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0389 | 0.00 | .05 | 77.9 | 39-135 | L317465-49 | WG328307 |
| 1,2-Dibromoethane | mg/kg | 0.0468 | 0.00 | .05 | 93.7 | 57-120 | L317465-49 | WG328307 |
| 1,2-Dichlorobenzene | mg/kg | 0.0343 | 0.00 | .05 | 68.7 | 36-110 | L317465-49 | WG328307 |
| 1,2-Dichloroethane | mg/kg | 0.0538 | 0.00 | .05 | 108. | 46-147 | L317465-49 | WG328307 |
| 1,2-Dichloropropane | mg/kg | 0.0382 | 0.00 | .05 | 76.3 | 63-124 | L317465-49 | WG328307 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0332 | 0.00 | .05 | 66.5 | 39-106 | L317465-49 | WG328307 |
| 1,3-Dichlorobenzene | mg/kg | 0.0313 | 0.00 | .05 | 62.7 | 31-109 | L317465-49 | WG328307 |
| 1,3-Dichloropropane | mg/kg | 0.0472 | 0.00 | .05 | 94.3 | 65-116 | L317465-49 | WG328307 |
| 1,4-Dichlorobenzene | mg/kg | 0.0318 | 0.00 | .05 | 63.5 | 32-102 | L317465-49 | WG328307 |
| 2,2-Dichloropropane | mg/kg | 0.0542 | 0.00 | .05 | 108. | 49-138 | L317465-49 | WG328307 |
| 2-Butanone (MEK) | mg/kg | 0.149 | 0.00 | .25 | 59.6 | 43-137 | L317465-49 | WG328307 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0604 | 0.00 | .25 | 24.2 | 40-138 | L317465-49 | WG328307 |
| 2-Chlorotoluene | mg/kg | 0.0348 | 0.00 | .05 | 69.5 | 45-111 | L317465-49 | WG328307 |
| 4-Chlorotoluene | mg/kg | 0.0296 | 0.00 | .05 | 59.2 | 38-106 | L317465-49 | WG328307 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.171 | 0.00 | .25 | 68.2 | 47-133 | L317465-49 | WG328307 |
| Acetone | mg/kg | 0.191 | 0.00 | .25 | 76.3 | 33-148 | L317465-49 | WG328307 |
| Acrylonitrile | mg/kg | 0.170 | 0.00 | .25 | 67.8 | 40-126 | L317465-49 | WG328307 |
| Benzene | mg/kg | 0.0355 | 0.00 | .05 | 71.1 | 54-119 | L317465-49 | WG328307 |
| Bromobenzene | mg/kg | 0.0354 | 0.00 | .05 | 70.8 | 45-116 | L317465-49 | WG328307 |
| Bromodichloromethane | mg/kg | 0.0478 | 0.00 | .05 | 95.5 | 51-125 | L317465-49 | WG328307 |
| Bromoform | mg/kg | 0.0436 | 0.00 | .05 | 87.2 | 44-135 | L317465-49 | WG328307 |
| Bromomethane | mg/kg | 0.0484 | 0.00 | .05 | 96.7 | 30-113 | L317465-49 | WG328307 |
| Carbon tetrachloride | mg/kg | 0.0510 | 0.00 | .05 | 102. | 47-133 | L317465-49 | WG328307 |
| Chlorobenzene | mg/kg | 0.0386 | 0.00 | .05 | 77.3 | 53-110 | L317465-49 | WG328307 |
| Chlorodibromomethane | mg/kg | 0.0559 | 0.00 | .05 | 112. | 53-125 | L317465-49 | WG328307 |
| Chloroethane | mg/kg | 0.0466 | 0.00 | .05 | 93.2 | 42-149 | L317465-49 | WG328307 |
| Chloroform | mg/kg | 0.0543 | 0.00 | .05 | 109. | 61-127 | L317465-49 | WG328307 |
| Chloromethane | mg/kg | 0.0377 | 0.00 | .05 | 75.3 | 35-140 | L317465-49 | WG328307 |
| cis-1,2-Dichloroethene | mg/kg | 0.0454 | 0.00 | .05 | 90.8 | 67-120 | L317465-49 | WG328307 |
| cis-1,3-Dichloropropene | mg/kg | 0.0357 | 0.00 | .05 | 71.5 | 53-113 | L317465-49 | WG328307 |
| Di-isopropyl ether | mg/kg | 0.0488 | 0.00 | .05 | 97.7 | 53-132 | L317465-49 | WG328307 |
| Dibromomethane | mg/kg | 0.0342 | 0.00 | .05 | 68.5 | 57-126 | L317465-49 | WG328307 |
| Dichlorodifluoromethane | mg/kg | 0.0510 | 0.00 | .05 | 102. | 34-140 | L317465-49 | WG328307 |
| Ethylbenzene | mg/kg | 0.0309 | 0.00 | .05 | 61.9 | 47-111 | L317465-49 | WG328307 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | mg/kg | 0.0331 | 0.00 | .05 | 66.2 | 49-110 | L317465-49 | WG328307 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | mg/kg | 0.0510 | 0.00 | .05 | 102. | 63-131 | L317465-49 | WG328307 |
| Methylene Chloride | mg/kg | 0.0434 | 0.00 | .05 | 86.8 | 54-123 | L317465-49 | WG328307 |
| n-Butylbenzene | mg/kg | 0.0205 | 0.00 | .05 | 41.0 | 36-94 | L317465-49 | WG328307 |
| n-Propylbenzene | mg/kg | 0.0265 | 0.00 | .05 | 53.1 | 43-101 | L317465-49 | WG328307 |
| Naphthalene | mg/kg | 0.0264 | 0.00 | .05 | 52.8 | 33-125 | L317465-49 | WG328307 |
| p-Isopropyltoluene | mg/kg | 0.0241 | 0.00 | .05 | 48.3 | 34-105 | L317465-49 | WG328307 |
| sec-Butylbenzene | mg/kg | 0.0279 | 0.00 | .05 | 55.8 | 37-105 | L317465-49 | WG328307 |
| tert-Butylbenzene | mg/kg | 0.0333 | 0.00 | .05 | 66.5 | 45-112 | L317465-49 | WG328307 |
| Tetrachloroethene | mg/kg | 0.0381 | 0.00 | .05 | 76.1 | 40-114 | L317465-49 | WG328307 |
| Toluene | mg/kg | 0.0286 | 0.00 | .05 | 57.2 | 54-109 | L317465-49 | WG328307 |
| trans-1,2-Dichloroethene | mg/kg | 0.0437 | 0.00 | .05 | 87.4 | 58-118 | L317465-49 | WG328307 |
| trans-1,3-Dichloropropene | mg/kg | 0.0359 | 0.00 | .05 | 71.7 | 41-107 | L317465-49 | WG328307 |
| Trichloroethene | mg/kg | 0.0378 | 0.00 | .05 | 75.7 | 56-119 | L317465-49 | WG328307 |
| Trichlorofluoromethane | mg/kg | 0.0520 | 0.00 | .05 | 104. | 39-126 | L317465-49 | WG328307 |
| Vinyl chloride | mg/kg | 0.0403 | 0.00 | .05 | 80.7 | 39-127 | L317465-49 | WG328307 |
| Xylenes, Total | mg/kg | 0.103 | 0.0100 | .15 | 62.0 | 51-107 | L317465-49 | WG328307 |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.527 | 0.00 | .05 | 105. | 57-133 | L317369-05 | WG328327 |
| 1,1,1-Trichloroethane | mg/l | 0.326 | 0.00 | .05 | 65.1 | 54-143 | L317369-05 | WG328327 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.582 | 0.00 | .05 | 116. | 58-134 | L317369-05 | WG328327 |
| 1,1,2-Trichloroethane | mg/l | 0.616 | 0.00 | .05 | 123. | 58-125 | L317369-05 | WG328327 |
| 1,1-Dichloroethane | mg/l | 0.367 | 0.00 | .05 | 73.5 | 53-136 | L317369-05 | WG328327 |
| 1,1-Dichloroethene | mg/l | 0.269 | 0.00 | .05 | 53.8 | 58-145 | L317369-05 | WG328327 |
| 1,1-Dichloropropene | mg/l | 0.305 | 0.00 | .05 | 60.9 | 58-126 | L317369-05 | WG328327 |
| 1,2,3-Trichlorobenzene | mg/l | 0.349 | 0.00 | .05 | 69.8 | 48-127 | L317369-05 | WG328327 |
| 1,2,3-Trichloropropane | mg/l | 0.551 | 0.00 | .05 | 110. | 57-145 | L317369-05 | WG328327 |
| 1,2,4-Trichlorobenzene | mg/l | 0.412 | 0.00 | .05 | 82.5 | 41-127 | L317369-05 | WG328327 |
| 1,2,4-Trimethylbenzene | mg/l | 4.35 | 5.80 | .05 | 0.0 | 52-125 | L317369-05 | WG328327 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.517 | 0.00 | .05 | 103. | 44-138 | L317369-05 | WG328327 |
| 1,2-Dibromoethane | mg/l | 0.463 | 0.00 | .05 | 92.7 | 64-126 | L317369-05 | WG328327 |
| 1,2-Dichlorobenzene | mg/l | 0.438 | 0.00 | .05 | 87.6 | 50-127 | L317369-05 | WG328327 |
| 1,2-Dichloroethane | mg/l | 0.385 | 0.00 | .05 | 76.9 | 54-145 | L317369-05 | WG328327 |
| 1,2-Dichloropropane | mg/l | 0.724 | 0.00 | .05 | 145. | 55-135 | L317369-05 | WG328327 |
| 1,3,5-Trimethylbenzene | mg/l | 1.97 | 3.40 | .05 | 0.0 | 54-125 | L317369-05 | WG328327 |
| 1,3-Dichlorobenzene | mg/l | 0.425 | 0.00 | .05 | 84.9 | 47-128 | L317369-05 | WG328327 |
| 1,3-Dichloropropane | mg/l | 0.415 | 0.00 | .05 | 83.0 | 64-125 | L317369-05 | WG328327 |
| 1,4-Dichlorobenzene | mg/l | 0.426 | 0.00 | .05 | 85.2 | 47-123 | L317369-05 | WG328327 |
| 2,2-Dichloropropane | mg/l | 0.289 | 0.00 | .05 | 57.8 | 44-143 | L317369-05 | WG328327 |
| 2-Butanone (MEK) | mg/l | 2.10 | 0.00 | .25 | 83.8 | 47-133 | L317369-05 | WG328327 |
| 2-Chloroethyl vinyl ether | mg/l | 1.93 | 0.00 | .25 | 77.3 | 28-148 | L317369-05 | WG328327 |
| 2-Chlorotoluene | mg/l | 0.585 | 0.00 | .05 | 117. | 51-135 | L317369-05 | WG328327 |
| 4-Chlorotoluene | mg/l | 0.409 | 0.00 | .05 | 81.7 | 57-123 | L317369-05 | WG328327 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 2.53 | 0.00 | .25 | 101. | 45-144 | L317369-05 | WG328327 |
| Acetone | mg/l | 4.35 | 0.00 | .25 | 174. | 25-158 | L317369-05 | WG328327 |
| Acrolein | mg/l | 15.4 | 0.00 | .25 | 615. | 25-128 | L317369-05 | WG328327 |
| Acrylonitrile | mg/l | 2.91 | 0.00 | .25 | 117. | 39-136 | L317369-05 | WG328327 |
| Benzene | mg/l | 0.408 | 0.110 | .05 | 59.6 | 51-134 | L317369-05 | WG328327 |
| Bromobenzene | mg/l | 0.400 | 0.00 | .05 | 79.9 | 60-131 | L317369-05 | WG328327 |
| Bromodichloromethane | mg/l | 0.365 | 0.00 | .05 | 73.1 | 54-139 | L317369-05 | WG328327 |
| Bromoform | mg/l | 0.485 | 0.00 | .05 | 97.0 | 52-144 | L317369-05 | WG328327 |
| Bromomethane | mg/l | 0.273 | 0.00 | .05 | 54.6 | 21-131 | L317369-05 | WG328327 |
| Carbon tetrachloride | mg/l | 0.368 | 0.00 | .05 | 73.6 | 51-147 | L317369-05 | WG328327 |
| Chlorobenzene | mg/l | 0.398 | 0.00 | .05 | 79.7 | 59-125 | L317369-05 | WG328327 |
| Chlorodibromomethane | mg/l | 0.459 | 0.00 | .05 | 91.9 | 57-133 | L317369-05 | WG328327 |
| Chloroethane | mg/l | 0.312 | 0.00 | .05 | 62.4 | 38-153 | L317369-05 | WG328327 |
| Chloroform | mg/l | 0.443 | 0.00 | .05 | 88.5 | 55-133 | L317369-05 | WG328327 |
| Chloromethane | mg/l | 0.280 | 0.00 | .05 | 56.0 | 39-135 | L317369-05 | WG328327 |
| cis-1,2-Dichloroethene | mg/l | 0.366 | 0.00 | .05 | 73.1 | 64-126 | L317369-05 | WG328327 |
| cis-1,3-Dichloropropene | mg/l | 0.405 | 0.00 | .05 | 81.0 | 54-122 | L317369-05 | WG328327 |

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Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

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|---|---|---|---|---|---|---|---|---|
| Di-isopropyl ether | mg/l | 0.363 | 0.00 | .05 | 72.6 | 53-132 | L317369-05 | WG328327 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Dibromomethane | mg/l | 0.403 | 0.00 | .05 | 80.6 | 61-132 | L317369-05 | WG328327 |
| Dichlorodifluoromethane | mg/l | 0.396 | 0.00 | .05 | 79.1 | 26-153 | L317369-05 | WG328327 |
| Ethylbenzene | mg/l | 1.26 | 1.50 | .05 | 0.0 | 55-125 | L317369-05 | WG328327 |
| Hexachlorobutadiene | mg/l | 0.387 | 0.00 | .05 | 77.5 | 51-109 | L317369-05 | WG328327 |
| Isopropylbenzene | mg/l | 0.684 | 0.570 | .05 | 22.8 | 59-127 | L317369-05 | WG328327 |
| Methyl tert-butyl ether | mg/l | 0.358 | 0.00 | .05 | 71.6 | 50-137 | L317369-05 | WG328327 |
| Methylene Chloride | mg/l | 0.302 | 0.00 | .05 | 60.4 | 44-143 | L317369-05 | WG328327 |
| n-Butylbenzene | mg/l | 1.10 | 0.00 | .05 | 220. | 47-124 | L317369-05 | WG328327 |
| n-Propylbenzene | mg/l | 1.46 | 2.30 | .05 | 0.0 | 53-124 | L317369-05 | WG328327 |
| Naphthalene | mg/l | 0.721 | 0.420 | .05 | 60.2 | 45-141 | L317369-05 | WG328327 |
| p-Isopropyltoluene | mg/l | 0.684 | 0.450 | .05 | 46.8 | 52-126 | L317369-05 | WG328327 |
| sec-Butylbenzene | mg/l | 0.557 | 0.330 | .05 | 45.4 | 54-127 | L317369-05 | WG328327 |
| Styrene | mg/l | 0.407 | 0.00 | .05 | 81.4 | 55-121 | L317369-05 | WG328327 |
| tert-Butylbenzene | mg/l | 0.416 | 0.00 | .05 | 83.3 | 57-128 | L317369-05 | WG328327 |
| Tetrachloroethene | mg/l | 0.353 | 0.00 | .05 | 70.6 | 53-128 | L317369-05 | WG328327 |
| Toluene | mg/l | 0.385 | 0.0820 | .05 | 60.7 | 57-126 | L317369-05 | WG328327 |
| trans-1,2-Dichloroethene | mg/l | 0.276 | 0.00 | .05 | 55.3 | 52-139 | L317369-05 | WG328327 |
| trans-1,3-Dichloropropene | mg/l | 0.352 | 0.00 | .05 | 70.4 | 48-113 | L317369-05 | WG328327 |
| Trichloroethene | mg/l | 0.328 | 0.00 | .05 | 65.6 | 57-135 | L317369-05 | WG328327 |
| Trichlorofluoromethane | mg/l | 0.379 | 0.00 | .05 | 75.9 | 42-134 | L317369-05 | WG328327 |
| Vinyl chloride | mg/l | 0.302 | 0.00 | .05 | 60.3 | 44-132 | L317369-05 | WG328327 |
| Xylenes, Total | mg/l | 1.88 | 1.20 | .15 | 45.5 | 54-129 | L317369-05 | WG328327 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.488 | 0.00 | .05 | 9.9 | 56-123 | L317465-39 | WG328455 |
| 1,1,1-Trichloroethane | mg/kg | 0.426 | 0.00 | .05 | 8.7 | 53-139 | L317465-39 | WG328455 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.428 | 0.00 | .05 | 8.7 | 37-133 | L317465-39 | WG328455 |
| 1,1,2-Trichloroethane | mg/kg | 0.483 | 0.00 | .05 | 9.8 | 61-113 | L317465-39 | WG328455 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.463 | 0.00 | .05 | 9.4 | 56-115 | L317465-39 | WG328455 |
| 1,1-Dichloroethane | mg/kg | 0.425 | 0.00 | .05 | 8.6 | 64-127 | L317465-39 | WG328455 |
| 1,1-Dichloroethene | mg/kg | 0.482 | 0.00 | .05 | 9.8 | 64-126 | L317465-39 | WG328455 |
| 1,1-Dichloropropene | mg/kg | 0.471 | 0.00 | .05 | 9.6 | 55-108 | L317465-39 | WG328455 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.368 | 0.00 | .05 | 7.5 | 30-113 | L317465-39 | WG328455 |
| 1,2,3-Trichloropropane | mg/kg | 0.413 | 0.00 | .05 | 8.4 | 47-138 | L317465-39 | WG328455 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.394 | 0.00 | .05 | 8.0 | 30-104 | L317465-39 | WG328455 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.529 | 0.00 | .05 | 10.8 | 38-108 | L317465-39 | WG328455 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.282 | 0.00 | .05 | 5.7 | 39-135 | L317465-39 | WG328455 |
| 1,2-Dibromoethane | mg/kg | 0.403 | 0.00 | .05 | 8.2 | 57-120 | L317465-39 | WG328455 |
| 1,2-Dichlorobenzene | mg/kg | 0.433 | 0.00 | .05 | 8.8 | 36-110 | L317465-39 | WG328455 |
| 1,2-Dichloroethane | mg/kg | 0.413 | 0.00 | .05 | 8.4 | 46-147 | L317465-39 | WG328455 |
| 1,2-Dichloropropane | mg/kg | 0.454 | 0.00 | .05 | 9.2 | 63-124 | L317465-39 | WG328455 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.517 | 0.250 | .05 | 5.4 | 39-106 | L317465-39 | WG328455 |
| 1,3-Dichlorobenzene | mg/kg | 0.516 | 0.00 | .05 | 10.5 | 31-109 | L317465-39 | WG328455 |
| 1,3-Dichloropropane | mg/kg | 0.439 | 0.00 | .05 | 8.9 | 65-116 | L317465-39 | WG328455 |
| 1,4-Dichlorobenzene | mg/kg | 0.475 | 0.00 | .05 | 9.7 | 32-102 | L317465-39 | WG328455 |
| 2,2-Dichloropropane | mg/kg | 0.275 | 0.00 | .05 | 5.6 | 49-138 | L317465-39 | WG328455 |
| 2-Butanone (MEK) | mg/kg | 1.65 | 0.00 | .25 | 6.7 | 43-137 | L317465-39 | WG328455 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.00 | 0.00 | .25 | 0.0 | 40-138 | L317465-39 | WG328455 |
| 2-Chlorotoluene | mg/kg | 0.503 | 0.00 | .05 | 10.3 | 45-111 | L317465-39 | WG328455 |
| 4-Chlorotoluene | mg/kg | 0.499 | 0.00 | .05 | 10.2 | 38-106 | L317465-39 | WG328455 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 1.72 | 0.00 | .25 | 7.0 | 47-133 | L317465-39 | WG328455 |
| Acetone | mg/kg | 3.90 | 0.00 | .25 | 15.9 | 33-148 | L317465-39 | WG328455 |
| Acrylonitrile | mg/kg | 1.98 | 0.00 | .25 | 8.1 | 40-126 | L317465-39 | WG328455 |
| Benzene | mg/kg | 0.471 | 0.00 | .05 | 9.6 | 54-119 | L317465-39 | WG328455 |
| Bromobenzene | mg/kg | 0.491 | 0.00 | .05 | 10.0 | 45-116 | L317465-39 | WG328455 |
| Bromodichloromethane | mg/kg | 0.421 | 0.00 | .05 | 8.5 | 51-125 | L317465-39 | WG328455 |
| Bromoform | mg/kg | 0.377 | 0.00 | .05 | 7.6 | 44-135 | L317465-39 | WG328455 |
| Bromomethane | mg/kg | 0.578 | 0.00 | .05 | 11.8 | 30-113 | L317465-39 | WG328455 |
| Carbon tetrachloride | mg/kg | 0.403 | 0.00 | .05 | 8.2 | 47-133 | L317465-39 | WG328455 |
| Chlorobenzene | mg/kg | 0.531 | 0.00 | .05 | 10.8 | 53-110 | L317465-39 | WG328455 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Chlorodibromomethane | mg/kg | 0.428 | 0.00 | .05 | 8.7 | 53-125 | L317465-39 | WG328455 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Chloroethane | mg/kg | 0.493 | 0.00 | .05 | 10.1 | 42-149 | L317465-39 | WG328455 |
| Chloroform | mg/kg | 0.456 | 0.00 | .05 | 9.3 | 61-127 | L317465-39 | WG328455 |
| Chloromethane | mg/kg | 0.00 | 0.00 | .05 | 0.0 | 35-140 | L317465-39 | WG328455 |
| cis-1,2-Dichloroethene | mg/kg | 0.493 | 0.00 | .05 | 10.1 | 67-120 | L317465-39 | WG328455 |
| cis-1,3-Dichloropropene | mg/kg | 0.401 | 0.00 | .05 | 8.1 | 53-113 | L317465-39 | WG328455 |
| Di-isopropyl ether | mg/kg | 0.473 | 0.00 | .05 | 9.6 | 53-132 | L317465-39 | WG328455 |
| Dibromomethane | mg/kg | 0.420 | 0.00 | .05 | 8.5 | 57-126 | L317465-39 | WG328455 |
| Dichlorodifluoromethane | mg/kg | 0.330 | 0.00 | .05 | 6.7 | 34-140 | L317465-39 | WG328455 |
| Ethylbenzene | mg/kg | 84.0 | 68.0 | .05 | 326. | 47-111 | L317465-39 | WG328455 |
| Hexachlorobutadiene | mg/kg | 0.338 | 0.00 | .05 | 6.9 | 30-91 | L317465-39 | WG328455 |
| Isopropylbenzene | mg/kg | 0.780 | 0.210 | .05 | 11.6 | 49-110 | L317465-39 | WG328455 |
| Methyl tert-butyl ether | mg/kg | 0.110 | 0.00 | .05 | 2.2 | 63-131 | L317465-39 | WG328455 |
| Methylene Chloride | mg/kg | 0.528 | 0.00 | .05 | 10.8 | 54-123 | L317465-39 | WG328455 |
| n-Butylbenzene | mg/kg | 0.449 | 0.00 | .05 | 9.1 | 36-94 | L317465-39 | WG328455 |
| n-Propylbenzene | mg/kg | 0.626 | 0.00 | .05 | 12.8 | 43-101 | L317465-39 | WG328455 |
| Naphthalene | mg/kg | 0.508 | 0.00 | .05 | 10.4 | 33-125 | L317465-39 | WG328455 |
| p-Isopropyltoluene | mg/kg | 0.493 | 0.00 | .05 | 10.1 | 34-105 | L317465-39 | WG328455 |
| sec-Butylbenzene | mg/kg | 0.483 | 0.00 | .05 | 9.8 | 37-105 | L317465-39 | WG328455 |
| Styrene | mg/kg | 2.22 | 0.00 | .05 | 45.4 | 43-107 | L317465-39 | WG328455 |
| tert-Butylbenzene | mg/kg | 0.495 | 0.00 | .05 | 10.1 | 45-112 | L317465-39 | WG328455 |
| Tetrachloroethene | mg/kg | 0.508 | 0.00 | .05 | 10.4 | 40-114 | L317465-39 | WG328455 |
| Toluene | mg/kg | 0.454 | 0.00 | .05 | 9.2 | 54-109 | L317465-39 | WG328455 |
| trans-1,2-Dichloroethene | mg/kg | 0.503 | 0.00 | .05 | 10.3 | 58-118 | L317465-39 | WG328455 |
| trans-1,3-Dichloropropene | mg/kg | 0.349 | 0.00 | .05 | 7.1 | 41-107 | L317465-39 | WG328455 |
| Trichloroethene | mg/kg | 0.439 | 0.00 | .05 | 8.9 | 56-119 | L317465-39 | WG328455 |
| Trichlorofluoromethane | mg/kg | 0.370 | 0.00 | .05 | 7.5 | 39-126 | L317465-39 | WG328455 |
| Vinyl chloride | mg/kg | 0.468 | 0.00 | .05 | 9.5 | 39-127 | L317465-39 | WG328455 |
| Xylenes, Total | mg/kg | 250. | 210. | .15 | 269. | 51-107 | L317465-39 | WG328455 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0197 | 0.00 | .05 | 39.5 | 56-123 | L317331-01 | WG328472 |
| 1,1,1-Trichloroethane | mg/kg | 0.0198 | 0.00 | .05 | 39.5 | 53-139 | L317331-01 | WG328472 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0290 | 0.00 | .05 | 58.1 | 37-133 | L317331-01 | WG328472 |
| 1,1,2-Trichloroethane | mg/kg | 0.0264 | 0.00 | .05 | 52.8 | 61-113 | L317331-01 | WG328472 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0181 | 0.00 | .05 | 36.2 | 56-115 | L317331-01 | WG328472 |
| 1,1-Dichloroethane | mg/kg | 0.0209 | 0.00 | .05 | 41.8 | 64-127 | L317331-01 | WG328472 |
| 1,1-Dichloroethene | mg/kg | 0.0183 | 0.00 | .05 | 36.7 | 64-126 | L317331-01 | WG328472 |
| 1,1-Dichloropropene | mg/kg | 0.0192 | 0.00 | .05 | 38.4 | 55-108 | L317331-01 | WG328472 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0093 | 0.00 | .05 | 18.6 | 30-113 | L317331-01 | WG328472 |
| 1,2,3-Trichloropropane | mg/kg | 0.0270 | 0.00 | .05 | 54.0 | 47-138 | L317331-01 | WG328472 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0085 | 0.00 | .05 | 17.2 | 30-104 | L317331-01 | WG328472 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0180 | 0.0037 | .05 | 28.6 | 38-108 | L317331-01 | WG328472 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0279 | 0.00 | .05 | 55.7 | 39-135 | L317331-01 | WG328472 |
| 1,2-Dibromoethane | mg/kg | 0.0250 | 0.00 | .05 | 50.0 | 57-120 | L317331-01 | WG328472 |
| 1,2-Dichlorobenzene | mg/kg | 0.0140 | 0.00 | .05 | 28.0 | 36-110 | L317331-01 | WG328472 |
| 1,2-Dichloroethane | mg/kg | 0.0246 | 0.00 | .05 | 49.3 | 46-147 | L317331-01 | WG328472 |
| 1,2-Dichloropropane | mg/kg | 0.0252 | 0.0009 | .05 | 48.5 | 63-124 | L317331-01 | WG328472 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0142 | 0.0010 | .05 | 26.4 | 39-106 | L317331-01 | WG328472 |
| 1,3-Dichlorobenzene | mg/kg | 0.0137 | 0.00 | .05 | 27.4 | 31-109 | L317331-01 | WG328472 |
| 1,3-Dichloropropane | mg/kg | 0.0259 | 0.00 | .05 | 51.8 | 65-116 | L317331-01 | WG328472 |
| 1,4-Dichlorobenzene | mg/kg | 0.0137 | 0.00 | .05 | 27.5 | 32-102 | L317331-01 | WG328472 |
| 2,2-Dichloropropane | mg/kg | 0.0173 | 0.00 | .05 | 34.6 | 49-138 | L317331-01 | WG328472 |
| 2-Butanone (MEK) | mg/kg | 0.197 | 0.00 | .25 | 78.7 | 43-137 | L317331-01 | WG328472 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0683 | 0.00 | .25 | 27.3 | 40-138 | L317331-01 | WG328472 |
| 2-Chlorotoluene | mg/kg | 0.0143 | 0.00 | .05 | 28.7 | 45-111 | L317331-01 | WG328472 |
| 4-Chlorotoluene | mg/kg | 0.0138 | 0.00 | .05 | 27.5 | 38-106 | L317331-01 | WG328472 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.215 | 0.00 | .25 | 85.9 | 47-133 | L317331-01 | WG328472 |
| Acetone | mg/kg | 0.192 | 0.0040 | .25 | 75.2 | 33-148 | L317331-01 | WG328472 |
| Acrylonitrile | mg/kg | 0.178 | 0.0040 | .25 | 69.6 | 40-126 | L317331-01 | WG328472 |
| Benzene | mg/kg | 0.0286 | 0.0053 | .05 | 46.6 | 54-119 | L317331-01 | WG328472 |

ENVIRONMENTAL
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Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Bromobenzene | mg/kg | 0.0182 | 0.00 | .05 | 36.3 | 45-116 | L317331-01 | WG328472 |
| Bromodichloromethane | mg/kg | 0.0216 | 0.00 | .05 | 43.3 | 51-125 | L317331-01 | WG328472 |
| Bromoform | mg/kg | 0.0216 | 0.00 | .05 | 43.3 | 44-135 | L317331-01 | WG328472 |
| Bromomethane | mg/kg | 0.0152 | 0.00 | .05 | 30.4 | 30-113 | L317331-01 | WG328472 |
| Carbon tetrachloride | mg/kg | 0.0177 | 0.00 | .05 | 35.3 | 47-133 | L317331-01 | WG328472 |
| Chlorobenzene | mg/kg | 0.0174 | 0.00 | .05 | 34.8 | 53-110 | L317331-01 | WG328472 |
| Chlorodibromomethane | mg/kg | 0.0200 | 0.00 | .05 | 40.0 | 53-125 | L317331-01 | WG328472 |
| Chloroethane | mg/kg | 0.0187 | 0.00 | .05 | 37.4 | 42-149 | L317331-01 | WG328472 |
| Chloroform | mg/kg | 0.0234 | 0.00 | .05 | 46.9 | 61-127 | L317331-01 | WG328472 |
| Chloromethane | mg/kg | 0.0123 | 0.0009 | .05 | 22.8 | 35-140 | L317331-01 | WG328472 |
| cis-1,2-Dichloroethene | mg/kg | 0.0247 | 0.00 | .05 | 49.4 | 67-120 | L317331-01 | WG328472 |
| cis-1,3-Dichloropropene | mg/kg | 0.0222 | 0.00 | .05 | 44.4 | 53-113 | L317331-01 | WG328472 |
| Di-isopropyl ether | mg/kg | 0.0253 | 0.00 | .05 | 50.5 | 53-132 | L317331-01 | WG328472 |
| Dibromomethane | mg/kg | 0.0256 | 0.00 | .05 | 51.3 | 57-126 | L317331-01 | WG328472 |
| Dichlorodifluoromethane | mg/kg | 0.0139 | 0.00 | .05 | 27.9 | 34-140 | L317331-01 | WG328472 |
| Ethylbenzene | mg/kg | 0.0199 | 0.0055 | .05 | 28.7 | 47-111 | L317331-01 | WG328472 |
| Hexachlorobutadiene | mg/kg | 0.0066 | 0.00 | .05 | 13.3 | 30-91 | L317331-01 | WG328472 |
| Isopropylbenzene | mg/kg | 0.0164 | 0.0006 | .05 | 31.7 | 49-110 | L317331-01 | WG328472 |
| Methyl tert-butyl ether | mg/kg | 0.0259 | 0.00 | .05 | 51.8 | 63-131 | L317331-01 | WG328472 |
| Methylene Chloride | mg/kg | 0.0230 | 0.0003 | .05 | 45.3 | 54-123 | L317331-01 | WG328472 |
| n-Butylbenzene | mg/kg | 0.0105 | 0.0003 | .05 | 20.3 | 36-94 | L317331-01 | WG328472 |
| n-Propylbenzene | mg/kg | 0.0146 | 0.0011 | .05 | 26.9 | 43-101 | L317331-01 | WG328472 |
| Naphthalene | mg/kg | 0.0160 | 0.0007 | .05 | 30.7 | 33-125 | L317331-01 | WG328472 |
| p-Isopropyltoluene | mg/kg | 0.0125 | 0.00 | .05 | 25.0 | 34-105 | L317331-01 | WG328472 |
| sec-Butylbenzene | mg/kg | 0.0132 | 0.00 | .05 | 26.4 | 37-105 | L317331-01 | WG328472 |
| Styrene | mg/kg | 0.0185 | 0.00 | .05 | 37.0 | 43-107 | L317331-01 | WG328472 |
| tert-Butylbenzene | mg/kg | 0.0145 | 0.0004 | .05 | 28.2 | 45-112 | L317331-01 | WG328472 |
| Tetrachloroethene | mg/kg | 0.0143 | 0.00 | .05 | 28.6 | 40-114 | L317331-01 | WG328472 |
| Toluene | mg/kg | 0.0334 | 0.0150 | .05 | 36.8 | 54-109 | L317331-01 | WG328472 |
| trans-1,2-Dichloroethene | mg/kg | 0.0158 | 0.00 | .05 | 31.6 | 58-118 | L317331-01 | WG328472 |
| trans-1,3-Dichloropropene | mg/kg | 0.0215 | 0.00 | .05 | 43.1 | 41-107 | L317331-01 | WG328472 |
| Trichloroethene | mg/kg | 0.0183 | 0.00 | .05 | 36.6 | 56-119 | L317331-01 | WG328472 |
| Trichlorofluoromethane | mg/kg | 0.0156 | 0.00 | .05 | 31.3 | 39-126 | L317331-01 | WG328472 |
| Vinyl chloride | mg/kg | 0.0136 | 0.00 | .05 | 27.3 | 39-127 | L317331-01 | WG328472 |
| Xylenes, Total | mg/kg | 0.0578 | 0.0110 | .15 | 31.2 | 51-107 | L317331-01 | WG328472 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.236 | 0.00 | .05 | 94.2 | 56-123 | L317046-26 | WG328517 |
| 1,1,1-Trichloroethane | mg/kg | 0.266 | 0.0560 | .05 | 83.9 | 53-139 | L317046-26 | WG328517 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.213 | 0.00 | .05 | 85.1 | 37-133 | L317046-26 | WG328517 |
| 1,1,2-Trichloroethane | mg/kg | 0.232 | 0.00 | .05 | 92.7 | 61-113 | L317046-26 | WG328517 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.233 | 0.0140 | .05 | 87.6 | 56-115 | L317046-26 | WG328517 |
| 1,1-Dichloroethane | mg/kg | 0.191 | 0.00 | .05 | 76.3 | 64-127 | L317046-26 | WG328517 |
| 1,1-Dichloroethene | mg/kg | 0.241 | 0.0140 | .05 | 91.0 | 64-126 | L317046-26 | WG328517 |
| 1,1-Dichloropropene | mg/kg | 0.191 | 0.00 | .05 | 76.2 | 55-108 | L317046-26 | WG328517 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0760 | 0.00 | .05 | 30.4 | 30-113 | L317046-26 | WG328517 |
| 1,2,3-Trichloropropane | mg/kg | 0.211 | 0.00 | .05 | 84.3 | 47-138 | L317046-26 | WG328517 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0715 | 0.00 | .05 | 28.6 | 30-104 | L317046-26 | WG328517 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.174 | 0.00 | .05 | 69.5 | 38-108 | L317046-26 | WG328517 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.146 | 0.00 | .05 | 58.5 | 39-135 | L317046-26 | WG328517 |
| 1,2-Dibromoethane | mg/kg | 0.210 | 0.00 | .05 | 84.1 | 57-120 | L317046-26 | WG328517 |
| 1,2-Dichlorobenzene | mg/kg | 0.131 | 0.00 | .05 | 52.4 | 36-110 | L317046-26 | WG328517 |
| 1,2-Dichloroethane | mg/kg | 0.189 | 0.00 | .05 | 75.7 | 46-147 | L317046-26 | WG328517 |
| 1,2-Dichloropropane | mg/kg | 0.201 | 0.00 | .05 | 80.5 | 63-124 | L317046-26 | WG328517 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.183 | 0.00 | .05 | 73.1 | 39-106 | L317046-26 | WG328517 |
| 1,3-Dichlorobenzene | mg/kg | 0.143 | 0.00 | .05 | 57.0 | 31-109 | L317046-26 | WG328517 |
| 1,3-Dichloropropane | mg/kg | 0.217 | 0.00 | .05 | 86.8 | 65-116 | L317046-26 | WG328517 |
| 1,4-Dichlorobenzene | mg/kg | 0.125 | 0.00 | .05 | 49.8 | 32-102 | L317046-26 | WG328517 |
| 2,2-Dichloropropane | mg/kg | 0.0662 | 0.00 | .05 | 26.5 | 49-138 | L317046-26 | WG328517 |
| 2-Butanone (MEK) | mg/kg | 0.813 | 0.00 | .25 | 65.0 | 43-137 | L317046-26 | WG328517 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0015 | 0.00 | .25 | 0.1 | 40-138 | L317046-26 | WG328517 |

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Est. 1970

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2-Chlorotoluene | mg/kg | 0.176 | 0.00 | .05 | 70.3 | 45-111 | L317046-26 | WG328517 |

| Analyte | Units | Matrix Spike MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 4-Chlorotoluene | mg/kg | 0.153 | 0.00 | .05 | 61.1 | 38-106 | L317046-26 | WG328517 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.938 | 0.00 | .25 | 75.0 | 47-133 | L317046-26 | WG328517 |
| Acetone | mg/kg | 0.970 | 0.00 | .25 | 77.6 | 33-148 | L317046-26 | WG328517 |
| Acrylonitrile | mg/kg | 0.917 | 0.00 | .25 | 73.4 | 40-126 | L317046-26 | WG328517 |
| Benzene | mg/kg | 0.202 | 0.00 | .05 | 81.0 | 54-119 | L317046-26 | WG328517 |
| Bromobenzene | mg/kg | 0.178 | 0.00 | .05 | 71.1 | 45-116 | L317046-26 | WG328517 |
| Bromodichloromethane | mg/kg | 0.198 | 0.00 | .05 | 79.0 | 51-125 | L317046-26 | WG328517 |
| Bromoform | mg/kg | 0.212 | 0.00 | .05 | 84.9 | 44-135 | L317046-26 | WG328517 |
| Bromomethane | mg/kg | 0.294 | 0.00 | .05 | 117. | 30-113 | L317046-26 | WG328517 |
| Carbon tetrachloride | mg/kg | 0.193 | 0.00 | .05 | 77.0 | 47-133 | L317046-26 | WG328517 |
| Chlorobenzene | mg/kg | 0.205 | 0.00 | .05 | 82.1 | 53-110 | L317046-26 | WG328517 |
| Chlorodibromomethane | mg/kg | 0.227 | 0.00 | .05 | 90.7 | 53-125 | L317046-26 | WG328517 |
| Chloroethane | mg/kg | 0.243 | 0.00 | .05 | 97.2 | 42-149 | L317046-26 | WG328517 |
| Chloroform | mg/kg | 0.202 | 0.00 | .05 | 80.8 | 61-127 | L317046-26 | WG328517 |
| Chloromethane | mg/kg | 0.182 | 0.00 | .05 | 73.0 | 35-140 | L317046-26 | WG328517 |
| cis-1,2-Dichloroethene | mg/kg | 0.220 | 0.00 | .05 | 88.0 | 67-120 | L317046-26 | WG328517 |
| cis-1,3-Dichloropropene | mg/kg | 0.175 | 0.00 | .05 | 69.9 | 53-113 | L317046-26 | WG328517 |
| Di-isopropyl ether | mg/kg | 0.203 | 0.00 | .05 | 81.1 | 53-132 | L317046-26 | WG328517 |
| Dibromomethane | mg/kg | 0.178 | 0.00 | .05 | 71.2 | 57-126 | L317046-26 | WG328517 |
| Dichlorodifluoromethane | mg/kg | 0.160 | 0.00 | .05 | 64.0 | 34-140 | L317046-26 | WG328517 |
| Ethylbenzene | mg/kg | 0.226 | 0.00 | .05 | 90.3 | 47-111 | L317046-26 | WG328517 |
| Hexachlorobutadiene | mg/kg | 0.0857 | 0.00 | .05 | 34.3 | 30-91 | L317046-26 | WG328517 |
| Isopropylbenzene | mg/kg | 0.209 | 0.00 | .05 | 83.6 | 49-110 | L317046-26 | WG328517 |
| Methyl tert-butyl ether | mg/kg | 0.0288 | 0.00 | .05 | 11.5 | 63-131 | L317046-26 | WG328517 |
| Methylene Chloride | mg/kg | 0.214 | 0.00 | .05 | 85.4 | 54-123 | L317046-26 | WG328517 |
| n-Butylbenzene | mg/kg | 0.122 | 0.00 | .05 | 48.6 | 36-94 | L317046-26 | WG328517 |
| n-Propylbenzene | mg/kg | 0.182 | 0.00 | .05 | 72.7 | 43-101 | L317046-26 | WG328517 |
| Naphthalene | mg/kg | 0.0975 | 0.00 | .05 | 39.0 | 33-125 | L317046-26 | WG328517 |
| p-Isopropyltoluene | mg/kg | 0.161 | 0.00 | .05 | 64.5 | 34-105 | L317046-26 | WG328517 |
| sec-Butylbenzene | mg/kg | 0.180 | 0.00 | .05 | 72.1 | 37-105 | L317046-26 | WG328517 |
| Styrene | mg/kg | 0.200 | 0.00 | .05 | 79.9 | 43-107 | L317046-26 | WG328517 |
| tert-Butylbenzene | mg/kg | 0.199 | 0.00 | .05 | 79.7 | 45-112 | L317046-26 | WG328517 |
| Tetrachloroethene | mg/kg | 0.906 | 0.440 | .05 | 186. | 40-114 | L317046-26 | WG328517 |
| Toluene | mg/kg | 0.196 | 0.00 | .05 | 78.5 | 54-109 | L317046-26 | WG328517 |
| trans-1,2-Dichloroethene | mg/kg | 0.203 | 0.00 | .05 | 81.4 | 58-118 | L317046-26 | WG328517 |
| trans-1,3-Dichloropropene | mg/kg | 0.155 | 0.00 | .05 | 62.0 | 41-107 | L317046-26 | WG328517 |
| Trichloroethene | mg/kg | 0.210 | 0.0140 | .05 | 78.4 | 56-119 | L317046-26 | WG328517 |
| Trichlorofluoromethane | mg/kg | 0.190 | 0.00 | .05 | 76.1 | 39-126 | L317046-26 | WG328517 |
| Vinyl chloride | mg/kg | 0.219 | 0.00 | .05 | 87.7 | 39-127 | L317046-26 | WG328517 |
| Xylenes, Total | mg/kg | 0.666 | 0.00 | .15 | 88.8 | 51-107 | L317046-26 | WG328517 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0333 | 0.00 | .05 | 66.6 | 56-123 | L317447-03 | WG328522 |
| 1,1,1-Trichloroethane | mg/kg | 0.0273 | 0.00 | .05 | 54.6 | 53-139 | L317447-03 | WG328522 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0342 | 0.00 | .05 | 68.5 | 37-133 | L317447-03 | WG328522 |
| 1,1,2-Trichloroethane | mg/kg | 0.0319 | 0.00 | .05 | 63.8 | 61-113 | L317447-03 | WG328522 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0256 | 0.00 | .05 | 51.1 | 56-115 | L317447-03 | WG328522 |
| 1,1-Dichloroethane | mg/kg | 0.0296 | 0.00 | .05 | 59.2 | 64-127 | L317447-03 | WG328522 |
| 1,1-Dichloroethene | mg/kg | 0.0281 | 0.00 | .05 | 56.2 | 64-126 | L317447-03 | WG328522 |
| 1,1-Dichloropropene | mg/kg | 0.0284 | 0.00 | .05 | 56.8 | 55-108 | L317447-03 | WG328522 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0111 | 0.00 | .05 | 22.3 | 30-113 | L317447-03 | WG328522 |
| 1,2,3-Trichloropropane | mg/kg | 0.0316 | 0.00 | .05 | 63.3 | 47-138 | L317447-03 | WG328522 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0115 | 0.00 | .05 | 23.0 | 30-104 | L317447-03 | WG328522 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0244 | 0.00 | .05 | 48.8 | 38-108 | L317447-03 | WG328522 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0320 | 0.00 | .05 | 64.0 | 39-135 | L317447-03 | WG328522 |
| 1,2-Dibromoethane | mg/kg | 0.0327 | 0.00 | .05 | 65.5 | 57-120 | L317447-03 | WG328522 |
| 1,2-Dichlorobenzene | mg/kg | 0.0207 | 0.00 | .05 | 41.4 | 36-110 | L317447-03 | WG328522 |
| 1,2-Dichloroethane | mg/kg | 0.0276 | 0.00 | .05 | 55.2 | 46-147 | L317447-03 | WG328522 |
| 1,2-Dichloropropane | mg/kg | 0.0298 | 0.00 | .05 | 59.5 | 63-124 | L317447-03 | WG328522 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0271 | 0.00 | .05 | 54.2 | 39-106 | L317447-03 | WG328522 |

ENVIRONMENTAL
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12065 Lebanon Rd.
Mt. Juliet, TN 37122
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Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | mg/kg | 0.0212 | 0.00 | .05 | 42.4 | 31-109 | L317447-03 | WG328522 |

Matrix Spike

| Analyte | Units | MS Res | Ref Res | TV | % Rec | Limit | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichloropropane | mg/kg | 0.0307 | 0.00 | .05 | 61.3 | 65-116 | L317447-03 | WG328522 |
| 1,4-Dichlorobenzene | mg/kg | 0.0188 | 0.00 | .05 | 37.6 | 32-102 | L317447-03 | WG328522 |
| 2,2-Dichloropropane | mg/kg | 0.0251 | 0.00 | .05 | 50.2 | 49-138 | L317447-03 | WG328522 |
| 2-Butanone (MEK) | mg/kg | 0.178 | 0.0019 | .25 | 70.3 | 43-137 | L317447-03 | WG328522 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.00 | 0.00 | .25 | 0.0 | 40-138 | L317447-03 | WG328522 |
| 2-Chlorotoluene | mg/kg | 0.0249 | 0.00 | .05 | 49.8 | 45-111 | L317447-03 | WG328522 |
| 4-Chlorotoluene | mg/kg | 0.0227 | 0.00 | .05 | 45.5 | 38-106 | L317447-03 | WG328522 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.210 | 0.00 | .25 | 83.8 | 47-133 | L317447-03 | WG328522 |
| Acetone | mg/kg | 0.173 | 0.0187 | .25 | 61.7 | 33-148 | L317447-03 | WG328522 |
| Acrylonitrile | mg/kg | 0.167 | 0.00 | .25 | 66.8 | 40-126 | L317447-03 | WG328522 |
| Benzene | mg/kg | 0.0282 | 0.00 | .05 | 56.4 | 54-119 | L317447-03 | WG328522 |
| Bromobenzene | mg/kg | 0.0241 | 0.00 | .05 | 48.2 | 45-116 | L317447-03 | WG328522 |
| Bromodichloromethane | mg/kg | 0.0298 | 0.00 | .05 | 59.7 | 51-125 | L317447-03 | WG328522 |
| Bromoform | mg/kg | 0.0350 | 0.00 | .05 | 70.1 | 44-135 | L317447-03 | WG328522 |
| Bromomethane | mg/kg | 0.0273 | 0.00 | .05 | 54.5 | 30-113 | L317447-03 | WG328522 |
| Carbon tetrachloride | mg/kg | 0.0281 | 0.00 | .05 | 56.2 | 47-133 | L317447-03 | WG328522 |
| Chlorobenzene | mg/kg | 0.0281 | 0.00 | .05 | 56.2 | 53-110 | L317447-03 | WG328522 |
| Chlorodibromomethane | mg/kg | 0.0331 | 0.00 | .05 | 66.1 | 53-125 | L317447-03 | WG328522 |
| Chloroethane | mg/kg | 0.0306 | 0.00 | .05 | 61.2 | 42-149 | L317447-03 | WG328522 |
| Chloroform | mg/kg | 0.0285 | 0.00 | .05 | 57.1 | 61-127 | L317447-03 | WG328522 |
| Chloromethane | mg/kg | 0.0327 | 0.0013 | .05 | 62.8 | 35-140 | L317447-03 | WG328522 |
| cis-1,2-Dichloroethene | mg/kg | 0.0304 | 0.00 | .05 | 60.8 | 67-120 | L317447-03 | WG328522 |
| cis-1,3-Dichloropropene | mg/kg | 0.0275 | 0.00 | .05 | 55.1 | 53-113 | L317447-03 | WG328522 |
| Di-isopropyl ether | mg/kg | 0.0311 | 0.00 | .05 | 62.2 | 53-132 | L317447-03 | WG328522 |
| Dibromomethane | mg/kg | 0.0327 | 0.00 | .05 | 65.5 | 57-126 | L317447-03 | WG328522 |
| Dichlorodifluoromethane | mg/kg | 0.0405 | 0.00 | .05 | 81.0 | 34-140 | L317447-03 | WG328522 |
| Ethylbenzene | mg/kg | 0.0305 | 0.00 | .05 | 60.9 | 47-111 | L317447-03 | WG328522 |
| Hexachlorobutadiene | mg/kg | 0.0208 | 0.00 | .05 | 41.7 | 30-91 | L317447-03 | WG328522 |
| Isopropylbenzene | mg/kg | 0.0299 | 0.00 | .05 | 59.9 | 49-110 | L317447-03 | WG328522 |
| Methyl tert-butyl ether | mg/kg | 0.0325 | 0.00 | .05 | 65.1 | 63-131 | L317447-03 | WG328522 |
| Methylene Chloride | mg/kg | 0.0264 | 0.0003 | .05 | 52.0 | 54-123 | L317447-03 | WG328522 |
| n-Butylbenzene | mg/kg | 0.0213 | 0.00 | .05 | 42.7 | 36-94 | L317447-03 | WG328522 |
| n-Propylbenzene | mg/kg | 0.0263 | 0.00 | .05 | 52.7 | 43-101 | L317447-03 | WG328522 |
| Naphthalene | mg/kg | 0.0120 | 0.0003 | .05 | 23.4 | 33-125 | L317447-03 | WG328522 |
| p-Isopropyltoluene | mg/kg | 0.0267 | 0.00 | .05 | 53.5 | 34-105 | L317447-03 | WG328522 |
| sec-Butylbenzene | mg/kg | 0.0279 | 0.00 | .05 | 55.9 | 37-105 | L317447-03 | WG328522 |
| Styrene | mg/kg | 0.0202 | 0.00 | .05 | 40.5 | 43-107 | L317447-03 | WG328522 |
| tert-Butylbenzene | mg/kg | 0.0303 | 0.00 | .05 | 60.5 | 45-112 | L317447-03 | WG328522 |
| Tetrachloroethene | mg/kg | 0.0306 | 0.00 | .05 | 61.2 | 40-114 | L317447-03 | WG328522 |
| Toluene | mg/kg | 0.0294 | 0.00 | .05 | 58.7 | 54-109 | L317447-03 | WG328522 |
| trans-1,2-Dichloroethene | mg/kg | 0.0280 | 0.00 | .05 | 56.0 | 58-118 | L317447-03 | WG328522 |
| trans-1,3-Dichloropropene | mg/kg | 0.0256 | 0.00 | .05 | 51.2 | 41-107 | L317447-03 | WG328522 |
| Trichloroethene | mg/kg | 0.0269 | 0.00 | .05 | 53.9 | 56-119 | L317447-03 | WG328522 |
| Trichlorofluoromethane | mg/kg | 0.0291 | 0.00 | .05 | 58.2 | 39-126 | L317447-03 | WG328522 |
| Vinyl chloride | mg/kg | 0.0305 | 0.00 | .05 | 61.0 | 39-127 | L317447-03 | WG328522 |
| Xylenes, Total | mg/kg | 0.0887 | 0.00 | .15 | 59.1 | 51-107 | L317447-03 | WG328522 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | mg/l | 0.875 | 0.877 | 0.252 | 21 | 87.5 | L317465-35 | WG328208 |
| 1,1,1-Trichloroethane | mg/l | 0.337 | 0.337 | 0.0039 | 22 | 33.7 | L317465-35 | WG328208 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.969 | 0.972 | 0.252 | 27 | 96.9 | L317465-35 | WG328208 |
| 1,1,2-Trichloroethane | mg/l | 0.854 | 0.887 | 3.79 | 19 | 85.4 | L317465-35 | WG328208 |
| 1,1-Dichloroethane | mg/l | 0.479 | 0.475 | 0.952 | 22 | 47.9 | L317465-35 | WG328208 |
| 1,1-Dichloroethene | mg/l | 0.240 | 0.248 | 3.00 | 22 | 24.0 | L317465-35 | WG328208 |
| 1,1-Dichloropropene | mg/l | 0.290 | 0.293 | 1.01 | 20 | 29.0 | L317465-35 | WG328208 |
| 1,2,3-Trichlorobenzene | mg/l | 0.793 | 0.734 | 7.72 | 26 | 79.3 | L317465-35 | WG328208 |
| 1,2,3-Trichloropropane | mg/l | 0.953 | 1.00 | 4.85 | 24 | 95.3 | L317465-35 | WG328208 |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | mg/l | 0.769 | 0.746 | 2.97 | 26 | 76.9 | L317465-35 | WG328208 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | mg/l | 0.602 | 0.608 | 1.03 | 26 | 60.2 | L317465-35 | WG328208 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.958 | 0.914 | 4.61 | 27 | 95.8 | L317465-35 | WG328208 |
| 1,2-Dibromoethane | mg/l | 0.871 | 0.888 | 1.94 | 19 | 87.1 | L317465-35 | WG328208 |
| 1,2-Dichlorobenzene | mg/l | 0.792 | 0.782 | 1.27 | 19 | 79.2 | L317465-35 | WG328208 |
| 1,2-Dichloroethane | mg/l | 0.758 | 0.772 | 1.88 | 21 | 75.8 | L317465-35 | WG328208 |
| 1,2-Dichloropropane | mg/l | 0.644 | 0.654 | 1.59 | 20 | 64.4 | L317465-35 | WG328208 |
| 1,3,5-Trimethylbenzene | mg/l | 0.535 | 0.536 | 0.166 | 27 | 53.5 | L317465-35 | WG328208 |
| 1,3-Dichlorobenzene | mg/l | 0.681 | 0.687 | 0.892 | 25 | 68.1 | L317465-35 | WG328208 |
| 1,3-Dichloropropane | mg/l | 0.805 | 0.810 | 0.605 | 19 | 80.5 | L317465-35 | WG328208 |
| 1,4-Dichlorobenzene | mg/l | 0.732 | 0.732 | 0.0067 | 18 | 73.2 | L317465-35 | WG328208 |
| 2,2-Dichloropropane | mg/l | 0.288 | 0.296 | 2.80 | 19 | 28.8 | L317465-35 | WG328208 |
| 2-Butanone (MEK) | mg/l | 3.81 | 3.96 | 3.88 | 22 | 76.2 | L317465-35 | WG328208 |
| 2-Chloroethyl vinyl ether | mg/l | 0.0250 | 0.0292 | 15.7 | 18 | 0.499 | L317465-35 | WG328208 |
| 2-Chlorotoluene | mg/l | 0.604 | 0.608 | 0.585 | 28 | 60.4 | L317465-35 | WG328208 |
| 4-Chlorotoluene | mg/l | 0.642 | 0.647 | 0.829 | 25 | 64.2 | L317465-35 | WG328208 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 4.75 | 4.90 | 3.21 | 25 | 95.0 | L317465-35 | WG328208 |
| Acetone | mg/l | 5.86 | 5.91 | 0.955 | 33 | 117. | L317465-35 | WG328208 |
| Acrolein | mg/l | 3.83 | 4.08 | 6.39 | 15 | 76.5 | L317465-35 | WG328208 |
| Acrylonitrile | mg/l | 4.56 | 4.62 | 1.14 | 25 | 91.3 | L317465-35 | WG328208 |
| Benzene | mg/l | 0.517 | 0.524 | 1.41 | 18 | 51.7 | L317465-35 | WG328208 |
| Bromobenzene | mg/l | 0.721 | 0.728 | 0.916 | 22 | 72.1 | L317465-35 | WG328208 |
| Bromodichloromethane | mg/l | 0.718 | 0.733 | 2.00 | 19 | 71.8 | L317465-35 | WG328208 |
| Bromoform | mg/l | 0.881 | 0.893 | 1.32 | 21 | 88.1 | L317465-35 | WG328208 |
| Bromomethane | mg/l | 0.420 | 0.424 | 0.966 | 24 | 42.0 | L317465-35 | WG328208 |
| Carbon tetrachloride | mg/l | 0.368 | 0.363 | 1.19 | 23 | 36.8 | L317465-35 | WG328208 |
| Chlorobenzene | mg/l | 0.629 | 0.634 | 0.848 | 22 | 62.9 | L317465-35 | WG328208 |
| Chlorodibromomethane | mg/l | 0.843 | 0.853 | 1.16 | 19 | 84.3 | L317465-35 | WG328208 |
| Chloroethane | mg/l | 0.304 | 0.316 | 3.82 | 25 | 30.4 | L317465-35 | WG328208 |
| Chloroform | mg/l | 0.590 | 0.593 | 0.403 | 20 | 59.0 | L317465-35 | WG328208 |
| Chloromethane | mg/l | 0.296 | 0.299 | 1.03 | 23 | 29.6 | L317465-35 | WG328208 |
| cis-1,2-Dichloroethene | mg/l | 0.535 | 0.553 | 3.26 | 18 | 53.5 | L317465-35 | WG328208 |
| cis-1,3-Dichloropropene | mg/l | 0.785 | 0.760 | 3.14 | 22 | 78.5 | L317465-35 | WG328208 |
| Di-isopropyl ether | mg/l | 0.659 | 0.674 | 2.28 | 20 | 65.9 | L317465-35 | WG328208 |
| Dibromomethane | mg/l | 0.777 | 0.798 | 2.59 | 19 | 77.7 | L317465-35 | WG328208 |
| Dichlorodifluoromethane | mg/l | 0.0831 | 0.0853 | 2.65 | 25 | 8.31 | L317465-35 | WG328208 |
| Ethylbenzene | mg/l | 0.503 | 0.504 | 0.220 | 20 | 50.3 | L317465-35 | WG328208 |
| Hexachlorobutadiene | mg/l | 0.496 | 0.450 | 9.56 | 22 | 49.6 | L317465-35 | WG328208 |
| Isopropylbenzene | mg/l | 0.497 | 0.493 | 0.895 | 26 | 49.7 | L317465-35 | WG328208 |
| Methyl tert-butyl ether | mg/l | 0.726 | 0.742 | 2.17 | 21 | 72.6 | L317465-35 | WG328208 |
| Methylene Chloride | mg/l | 0.574 | 0.569 | 0.948 | 22 | 57.4 | L317465-35 | WG328208 |
| n-Butylbenzene | mg/l | 0.497 | 0.483 | 2.83 | 20 | 49.7 | L317465-35 | WG328208 |
| n-Propylbenzene | mg/l | 0.483 | 0.489 | 1.31 | 26 | 48.3 | L317465-35 | WG328208 |
| Naphthalene | mg/l | 0.824 | 0.789 | 4.23 | 25 | 82.4 | L317465-35 | WG328208 |
| p-Isopropyltoluene | mg/l | 0.504 | 0.505 | 0.256 | 20 | 50.4 | L317465-35 | WG328208 |
| sec-Butylbenzene | mg/l | 0.471 | 0.465 | 1.20 | 20 | 47.1 | L317465-35 | WG328208 |
| Styrene | mg/l | 0.670 | 0.680 | 1.48 | 27 | 67.0 | L317465-35 | WG328208 |
| tert-Butylbenzene | mg/l | 0.507 | 0.509 | 0.316 | 26 | 50.7 | L317465-35 | WG328208 |
| Tetrachloroethene | mg/l | 0.367 | 0.361 | 1.62 | 24 | 36.7 | L317465-35 | WG328208 |
| Toluene | mg/l | 0.494 | 0.495 | 0.161 | 26 | 49.4 | L317465-35 | WG328208 |
| trans-1,2-Dichloroethene | mg/l | 0.345 | 0.346 | 0.290 | 24 | 34.5 | L317465-35 | WG328208 |
| trans-1,3-Dichloropropene | mg/l | 0.707 | 0.699 | 1.20 | 22 | 70.7 | L317465-35 | WG328208 |
| Trichloroethene | mg/l | 0.420 | 0.429 | 2.13 | 23 | 42.0 | L317465-35 | WG328208 |
| Trichlorofluoromethane | mg/l | 0.166 | 0.168 | 1.36 | 21 | 16.6 | L317465-35 | WG328208 |
| Vinyl chloride | mg/l | 0.217 | 0.218 | 0.780 | 24 | 21.7 | L317465-35 | WG328208 |
| Xylenes, Total | mg/l | 1.66 | 1.69 | 1.83 | 24 | 55.3 | L317465-35 | WG328208 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.260 | 0.211 | 20.7 | 18 | 11.6 | L317465-05 | WG328209 |
| 1,1,1-Trichloroethane | mg/kg | 1.38 | 1.25 | 9.82 | 17 | 61.4 | L317465-05 | WG328209 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 1.89 | 1.82 | 3.64 | 14 | 83.9 | L317465-05 | WG328209 |

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Quality Assurance Report
Level II

L317465

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| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | mg/kg | 1.70 | 1.56 | 8.69 | 19 | 75.7 | L317465-05 | WG328209 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 1.32 | 1.20 | 9.75 | 20 | 58.7 | L317465-05 | WG328209 |
| 1,1-Dichloroethane | mg/kg | 1.55 | 1.38 | 11.7 | 16 | 68.7 | L317465-05 | WG328209 |
| 1,1-Dichloroethene | mg/kg | 1.24 | 1.14 | 8.71 | 20 | 55.1 | L317465-05 | WG328209 |
| 1,1-Dichloropropene | mg/kg | 1.22 | 1.18 | 3.50 | 21 | 54.3 | L317465-05 | WG328209 |
| 1,2,3-Trichlorobenzene | mg/kg | 1.29 | 0.0832 | 176. | 23 | 57.1 | L317465-05 | WG328209 |
| 1,2,3-Trichloropropane | mg/kg | 2.22 | 2.05 | 7.94 | 16 | 98.5 | L317465-05 | WG328209 |
| 1,2,4-Trichlorobenzene | mg/kg | 1.46 | 0.308 | 130. | 24 | 64.7 | L317465-05 | WG328209 |
| 1,2,4-Trimethylbenzene | mg/kg | 1.73 | 1.91 | 9.70 | 23 | 58.9 | L317465-05 | WG328209 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 1.69 | 1.24 | 30.5 | 24 | 75.2 | L317465-05 | WG328209 |
| 1,2-Dibromoethane | mg/kg | 1.68 | 1.52 | 9.56 | 16 | 74.6 | L317465-05 | WG328209 |
| 1,2-Dichlorobenzene | mg/kg | 1.67 | 1.56 | 6.75 | 19 | 74.3 | L317465-05 | WG328209 |
| 1,2-Dichloroethane | mg/kg | 1.57 | 1.36 | 14.1 | 14 | 69.6 | L317465-05 | WG328209 |
| 1,2-Dichloropropane | mg/kg | 1.60 | 1.40 | 13.1 | 16 | 71.1 | L317465-05 | WG328209 |
| 1,3,5-Trimethylbenzene | mg/kg | 1.95 | 2.04 | 4.84 | 19 | 86.5 | L317465-05 | WG328209 |
| 1,3-Dichlorobenzene | mg/kg | 1.55 | 1.58 | 2.16 | 18 | 68.7 | L317465-05 | WG328209 |
| 1,3-Dichloropropane | mg/kg | 1.66 | 1.52 | 9.02 | 16 | 73.8 | L317465-05 | WG328209 |
| 1,4-Dichlorobenzene | mg/kg | 1.51 | 1.47 | 2.87 | 18 | 67.1 | L317465-05 | WG328209 |
| 2,2-Dichloropropane | mg/kg | 1.35 | 1.19 | 12.5 | 18 | 60.0 | L317465-05 | WG328209 |
| 2-Butanone (MEK) | mg/kg | 7.18 | 6.09 | 16.4 | 21 | 63.8 | L317465-05 | WG328209 |
| 2-Chloroethyl vinyl ether | mg/kg | 8.11 | 6.96 | 15.3 | 13 | 72.1 | L317465-05 | WG328209 |
| 2-Chlorotoluene | mg/kg | 1.43 | 1.54 | 7.60 | 20 | 63.5 | L317465-05 | WG328209 |
| 4-Chlorotoluene | mg/kg | 1.37 | 1.48 | 7.84 | 19 | 60.8 | L317465-05 | WG328209 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 7.81 | 6.50 | 18.2 | 20 | 69.4 | L317465-05 | WG328209 |
| Acetone | mg/kg | 8.26 | 7.08 | 15.3 | 23 | 73.4 | L317465-05 | WG328209 |
| Acrylonitrile | mg/kg | 7.69 | 6.50 | 16.8 | 20 | 68.4 | L317465-05 | WG328209 |
| Benzene | mg/kg | 1.40 | 1.29 | 8.17 | 15 | 62.4 | L317465-05 | WG328209 |
| Bromobenzene | mg/kg | 2.68 | 2.94 | 9.28 | 19 | 119. | L317465-05 | WG328209 |
| Bromodichloromethane | mg/kg | 1.53 | 1.35 | 12.8 | 15 | 68.2 | L317465-05 | WG328209 |
| Bromoform | mg/kg | 1.62 | 1.42 | 13.0 | 21 | 72.0 | L317465-05 | WG328209 |
| Bromomethane | mg/kg | 0.419 | 0.350 | 17.8 | 30 | 18.6 | L317465-05 | WG328209 |
| Carbon tetrachloride | mg/kg | 1.30 | 1.20 | 7.93 | 22 | 58.0 | L317465-05 | WG328209 |
| Chlorobenzene | mg/kg | 0.482 | 0.449 | 7.08 | 22 | 21.4 | L317465-05 | WG328209 |
| Chlorodibromomethane | mg/kg | 1.73 | 1.56 | 10.5 | 17 | 76.8 | L317465-05 | WG328209 |
| Chloroethane | mg/kg | 0.603 | 0.511 | 16.4 | 28 | 26.8 | L317465-05 | WG328209 |
| Chloroform | mg/kg | 1.52 | 1.37 | 10.9 | 14 | 67.7 | L317465-05 | WG328209 |
| Chloromethane | mg/kg | 1.28 | 1.11 | 13.8 | 19 | 56.7 | L317465-05 | WG328209 |
| cis-1,2-Dichloroethene | mg/kg | 1.50 | 1.34 | 11.1 | 12 | 66.5 | L317465-05 | WG328209 |
| cis-1,3-Dichloropropene | mg/kg | 1.49 | 1.34 | 10.9 | 16 | 66.2 | L317465-05 | WG328209 |
| Di-isopropyl ether | mg/kg | 1.58 | 1.37 | 14.2 | 20 | 70.3 | L317465-05 | WG328209 |
| Dibromomethane | mg/kg | 1.60 | 1.43 | 11.3 | 16 | 71.3 | L317465-05 | WG328209 |
| Dichlorodifluoromethane | mg/kg | 1.34 | 1.23 | 9.17 | 22 | 59.7 | L317465-05 | WG328209 |
| Ethylbenzene | mg/kg | 60.5 | 64.3 | 5.96 | 20 | 0.00 | L317465-05 | WG328209 |
| Hexachlorobutadiene | mg/kg | 1.04 | 0.0877 | 169. | 22 | 46.1 | L317465-05 | WG328209 |
| Isopropylbenzene | mg/kg | 5.18 | 6.56 | 23.6 | 20 | 0.00 | L317465-05 | WG328209 |
| Methyl tert-butyl ether | mg/kg | 1.70 | 1.46 | 15.1 | 13 | 75.7 | L317465-05 | WG328209 |
| Methylene Chloride | mg/kg | 1.50 | 1.33 | 12.2 | 16 | 66.8 | L317465-05 | WG328209 |
| n-Butylbenzene | mg/kg | 1.32 | 1.42 | 7.50 | 22 | 58.7 | L317465-05 | WG328209 |
| n-Propylbenzene | mg/kg | 4.06 | 5.14 | 23.3 | 19 | 2.87 | L317465-05 | WG328209 |
| Naphthalene | mg/kg | 1.54 | 0.248 | 144. | 22 | 68.2 | L317465-05 | WG328209 |
| p-Isopropyltoluene | mg/kg | 1.52 | 1.75 | 13.6 | 21 | 67.7 | L317465-05 | WG328209 |
| sec-Butylbenzene | mg/kg | 1.38 | 1.59 | 14.3 | 21 | 55.3 | L317465-05 | WG328209 |
| Styrene | mg/kg | 2.99 | 3.55 | 17.2 | 23 | 133. | L317465-05 | WG328209 |
| tert-Butylbenzene | mg/kg | 1.41 | 1.54 | 8.62 | 21 | 62.7 | L317465-05 | WG328209 |
| Tetrachloroethene | mg/kg | 1.31 | 1.39 | 5.94 | 21 | 58.2 | L317465-05 | WG328209 |
| Toluene | mg/kg | 1.36 | 1.32 | 3.70 | 19 | 60.7 | L317465-05 | WG328209 |
| trans-1,2-Dichloroethene | mg/kg | 1.26 | 1.16 | 8.49 | 20 | 56.0 | L317465-05 | WG328209 |
| trans-1,3-Dichloropropene | mg/kg | 1.46 | 1.30 | 11.9 | 16 | 65.0 | L317465-05 | WG328209 |
| Trichloroethene | mg/kg | 1.36 | 1.30 | 4.43 | 18 | 60.5 | L317465-05 | WG328209 |
| Trichlorofluoromethane | mg/kg | 1.23 | 1.10 | 11.0 | 21 | 54.7 | L317465-05 | WG328209 |

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Ryan Conchilla
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Vinyl chloride | mg/kg | 1.43 | 1.27 | 12.1 | 24 | 63.6 | L317465-05 | WG328209 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Xylenes, Total | mg/kg | 146. | 153. | 4.64 | 19 | 0.00 | L317465-05 | WG328209 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 2.25 | 1.87 | 18.2 | 18 | 102. | L317465-22 | WG328221 |
| 1,1,1-Trichloroethane | mg/kg | 1.87 | 1.46 | 24.7 | 17 | 84.8 | L317465-22 | WG328221 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 2.20 | 1.82 | 19.0 | 14 | 100. | L317465-22 | WG328221 |
| 1,1,2-Trichloroethane | mg/kg | 2.22 | 1.85 | 18.2 | 19 | 101. | L317465-22 | WG328221 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 1.81 | 1.33 | 30.4 | 20 | 82.1 | L317465-22 | WG328221 |
| 1,1-Dichloroethane | mg/kg | 1.90 | 1.61 | 16.4 | 16 | 86.2 | L317465-22 | WG328221 |
| 1,1-Dichloroethene | mg/kg | 1.60 | 1.21 | 27.6 | 20 | 72.8 | L317465-22 | WG328221 |
| 1,1-Dichloropropene | mg/kg | 1.70 | 1.32 | 25.5 | 21 | 77.5 | L317465-22 | WG328221 |
| 1,2,3-Trichlorobenzene | mg/kg | 2.15 | 2.12 | 1.35 | 23 | 97.7 | L317465-22 | WG328221 |
| 1,2,3-Trichloropropane | mg/kg | 2.31 | 1.92 | 18.7 | 16 | 105. | L317465-22 | WG328221 |
| 1,2,4-Trichlorobenzene | mg/kg | 1.86 | 1.84 | 1.31 | 24 | 84.6 | L317465-22 | WG328221 |
| 1,2,4-Trimethylbenzene | mg/kg | 1.84 | 1.64 | 11.5 | 23 | 83.5 | L317465-22 | WG328221 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 2.37 | 2.03 | 15.7 | 24 | 108. | L317465-22 | WG328221 |
| 1,2-Dibromoethane | mg/kg | 2.20 | 1.84 | 17.6 | 16 | 99.8 | L317465-22 | WG328221 |
| 1,2-Dichlorobenzene | mg/kg | 1.99 | 1.87 | 5.96 | 19 | 90.4 | L317465-22 | WG328221 |
| 1,2-Dichloroethane | mg/kg | 1.89 | 1.70 | 10.3 | 14 | 85.8 | L317465-22 | WG328221 |
| 1,2-Dichloropropane | mg/kg | 2.02 | 1.70 | 17.5 | 16 | 91.9 | L317465-22 | WG328221 |
| 1,3,5-Trimethylbenzene | mg/kg | 1.84 | 1.61 | 13.4 | 19 | 83.8 | L317465-22 | WG328221 |
| 1,3-Dichlorobenzene | mg/kg | 1.92 | 1.74 | 9.63 | 18 | 87.3 | L317465-22 | WG328221 |
| 1,3-Dichloropropane | mg/kg | 2.13 | 1.78 | 17.9 | 16 | 96.9 | L317465-22 | WG328221 |
| 1,4-Dichlorobenzene | mg/kg | 1.79 | 1.70 | 5.14 | 18 | 81.2 | L317465-22 | WG328221 |
| 2,2-Dichloropropane | mg/kg | 1.76 | 1.41 | 22.4 | 18 | 80.2 | L317465-22 | WG328221 |
| 2-Butanone (MEK) | mg/kg | 9.42 | 8.07 | 15.4 | 21 | 85.6 | L317465-22 | WG328221 |
| 2-Chloroethyl vinyl ether | mg/kg | 10.2 | 8.78 | 15.2 | 13 | 93.0 | L317465-22 | WG328221 |
| 2-Chlorotoluene | mg/kg | 1.82 | 1.60 | 12.6 | 20 | 82.7 | L317465-22 | WG328221 |
| 4-Chlorotoluene | mg/kg | 1.71 | 1.56 | 9.20 | 19 | 77.6 | L317465-22 | WG328221 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 10.5 | 8.72 | 18.4 | 20 | 95.3 | L317465-22 | WG328221 |
| Acetone | mg/kg | 12.7 | 11.0 | 14.3 | 23 | 115. | L317465-22 | WG328221 |
| Acrylonitrile | mg/kg | 9.46 | 8.26 | 13.6 | 20 | 86.0 | L317465-22 | WG328221 |
| Benzene | mg/kg | 1.79 | 1.52 | 16.1 | 15 | 81.4 | L317465-22 | WG328221 |
| Bromobenzene | mg/kg | 1.92 | 1.68 | 13.2 | 19 | 87.1 | L317465-22 | WG328221 |
| Bromodichloromethane | mg/kg | 1.97 | 1.69 | 15.0 | 15 | 89.5 | L317465-22 | WG328221 |
| Bromoform | mg/kg | 2.38 | 1.94 | 20.1 | 21 | 108. | L317465-22 | WG328221 |
| Bromomethane | mg/kg | 0.478 | 0.408 | 15.9 | 30 | 21.7 | L317465-22 | WG328221 |
| Carbon tetrachloride | mg/kg | 1.82 | 1.38 | 27.6 | 22 | 82.7 | L317465-22 | WG328221 |
| Chlorobenzene | mg/kg | 1.99 | 1.67 | 17.2 | 22 | 90.3 | L317465-22 | WG328221 |
| Chlorodibromomethane | mg/kg | 2.26 | 1.89 | 17.9 | 17 | 103. | L317465-22 | WG328221 |
| Chloroethane | mg/kg | 0.565 | 0.520 | 8.24 | 28 | 25.7 | L317465-22 | WG328221 |
| Chloroform | mg/kg | 1.86 | 1.61 | 14.3 | 14 | 84.7 | L317465-22 | WG328221 |
| Chloromethane | mg/kg | 1.56 | 1.26 | 21.5 | 19 | 71.1 | L317465-22 | WG328221 |
| cis-1,2-Dichloroethene | mg/kg | 1.82 | 1.58 | 14.4 | 12 | 82.7 | L317465-22 | WG328221 |
| cis-1,3-Dichloropropene | mg/kg | 1.89 | 1.66 | 12.6 | 16 | 85.8 | L317465-22 | WG328221 |
| Di-isopropyl ether | mg/kg | 1.86 | 1.66 | 11.1 | 20 | 84.3 | L317465-22 | WG328221 |
| Dibromomethane | mg/kg | 2.04 | 1.74 | 15.9 | 16 | 92.8 | L317465-22 | WG328221 |
| Dichlorodifluoromethane | mg/kg | 1.78 | 1.28 | 32.5 | 22 | 80.9 | L317465-22 | WG328221 |
| Ethylbenzene | mg/kg | 3.54 | 4.61 | 26.1 | 20 | 116. | L317465-22 | WG328221 |
| Hexachlorobutadiene | mg/kg | 1.73 | 1.81 | 4.45 | 22 | 78.8 | L317465-22 | WG328221 |
| Isopropylbenzene | mg/kg | 1.89 | 1.60 | 16.9 | 20 | 86.0 | L317465-22 | WG328221 |
| Methyl tert-butyl ether | mg/kg | 2.03 | 1.80 | 12.4 | 13 | 92.4 | L317465-22 | WG328221 |
| Methylene Chloride | mg/kg | 1.76 | 1.54 | 13.1 | 16 | 79.9 | L317465-22 | WG328221 |
| n-Butylbenzene | mg/kg | 1.52 | 1.43 | 6.20 | 22 | 69.1 | L317465-22 | WG328221 |
| n-Propylbenzene | mg/kg | 1.76 | 1.53 | 14.0 | 19 | 79.8 | L317465-22 | WG328221 |
| Naphthalene | mg/kg | 2.31 | 2.08 | 10.3 | 22 | 105. | L317465-22 | WG328221 |
| p-Isopropyltoluene | mg/kg | 1.79 | 1.62 | 9.85 | 21 | 81.2 | L317465-22 | WG328221 |
| sec-Butylbenzene | mg/kg | 1.80 | 1.56 | 14.3 | 21 | 81.6 | L317465-22 | WG328221 |
| Styrene | mg/kg | 2.03 | 1.81 | 11.3 | 23 | 92.3 | L317465-22 | WG328221 |
| tert-Butylbenzene | mg/kg | 1.93 | 1.64 | 15.9 | 21 | 87.6 | L317465-22 | WG328221 |

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9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L317465

November 05, 2007

| Analyte | Units | Matrix Spike Duplicate MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | mg/kg | 1.93 | 1.47 | 27.3 | 21 | 87.8 | L317465-22 | WG328221 |
| Toluene | mg/kg | 1.78 | 1.52 | 16.3 | 19 | 81.1 | L317465-22 | WG328221 |
| trans-1,2-Dichloroethene | mg/kg | 1.59 | 1.30 | 19.7 | 20 | 72.2 | L317465-22 | WG328221 |
| trans-1,3-Dichloropropene | mg/kg | 1.87 | 1.65 | 12.8 | 16 | 85.1 | L317465-22 | WG328221 |
| Trichloroethene | mg/kg | 1.90 | 1.52 | 22.2 | 18 | 86.5 | L317465-22 | WG328221 |
| Trichlorofluoromethane | mg/kg | 1.58 | 1.16 | 30.9 | 21 | 71.9 | L317465-22 | WG328221 |
| Vinyl chloride | mg/kg | 1.87 | 1.39 | 29.2 | 24 | 84.8 | L317465-22 | WG328221 |
| Xylenes, Total | mg/kg | 16.6 | 20.0 | 18.9 | 19 | 130. | L317465-22 | WG328221 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0570 | 0.0524 | 8.49 | 18 | 114. | L317465-49 | WG328307 |
| 1,1,1-Trichloroethane | mg/kg | 0.0542 | 0.0551 | 1.52 | 17 | 108. | L317465-49 | WG328307 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0442 | 0.0444 | 0.295 | 14 | 88.4 | L317465-49 | WG328307 |
| 1,1,2-Trichloroethane | mg/kg | 0.0473 | 0.0485 | 2.57 | 19 | 94.5 | L317465-49 | WG328307 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0436 | 0.0439 | 0.776 | 20 | 87.1 | L317465-49 | WG328307 |
| 1,1-Dichloroethane | mg/kg | 0.0473 | 0.0497 | 5.00 | 16 | 94.6 | L317465-49 | WG328307 |
| 1,1-Dichloroethene | mg/kg | 0.0419 | 0.0434 | 3.42 | 20 | 83.8 | L317465-49 | WG328307 |
| 1,1-Dichloropropene | mg/kg | 0.0427 | 0.0421 | 1.58 | 21 | 85.5 | L317465-49 | WG328307 |
| 1,2,3-Trichloropropane | mg/kg | 0.0501 | 0.0485 | 3.41 | 16 | 100. | L317465-49 | WG328307 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0427 | 0.0262 | 47.7. | 23 | 85.3 | L317465-49 | WG328307 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0369 | 0.0389 | 5.28 | 24 | 73.9 | L317465-49 | WG328307 |
| 1,2-Dibromoethane | mg/kg | 0.0457 | 0.0468 | 2.52 | 16 | 91.4 | L317465-49 | WG328307 |
| 1,2-Dichlorobenzene | mg/kg | 0.0427 | 0.0343 | 21.8 | 19 | 85.5 | L317465-49 | WG328307 |
| 1,2-Dichloroethane | mg/kg | 0.0502 | 0.0538 | 7.01 | 14 | 100. | L317465-49 | WG328307 |
| 1,2-Dichloropropane | mg/kg | 0.0363 | 0.0382 | 4.90 | 16 | 72.7 | L317465-49 | WG328307 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0507 | 0.0332 | 41.6 | 19 | 101. | L317465-49 | WG328307 |
| 1,3-Dichlorobenzene | mg/kg | 0.0437 | 0.0313 | 33.0 | 18 | 87.4 | L317465-49 | WG328307 |
| 1,3-Dichloropropane | mg/kg | 0.0468 | 0.0472 | 0.850 | 16 | 93.6 | L317465-49 | WG328307 |
| 1,4-Dichlorobenzene | mg/kg | 0.0414 | 0.0318 | 26.2 | 18 | 82.7 | L317465-49 | WG328307 |
| 2,2-Dichloropropane | mg/kg | 0.0539 | 0.0542 | 0.544 | 18 | 108. | L317465-49 | WG328307 |
| 2-Butanone (MEK) | mg/kg | 0.142 | 0.149 | 5.12 | 21 | 56.7 | L317465-49 | WG328307 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0538 | 0.0604 | 11.5 | 13 | 21.5 | L317465-49 | WG328307 |
| 2-Chlorotoluene | mg/kg | 0.0487 | 0.0348 | 33.4 | 20 | 97.4 | L317465-49 | WG328307 |
| 4-Chlorotoluene | mg/kg | 0.0433 | 0.0296 | 37.6 | 19 | 86.7 | L317465-49 | WG328307 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.162 | 0.171 | 5.04 | 20 | 64.9 | L317465-49 | WG328307 |
| Acetone | mg/kg | 0.169 | 0.191 | 11.9 | 23 | 67.7 | L317465-49 | WG328307 |
| Acrylonitrile | mg/kg | 0.157 | 0.170 | 7.36 | 20 | 63.0 | L317465-49 | WG328307 |
| Benzene | mg/kg | 0.0354 | 0.0355 | 0.235 | 15 | 70.9 | L317465-49 | WG328307 |
| Bromobenzene | mg/kg | 0.0447 | 0.0354 | 23.2 | 19 | 89.4 | L317465-49 | WG328307 |
| Bromodichloromethane | mg/kg | 0.0471 | 0.0478 | 1.33 | 15 | 94.3 | L317465-49 | WG328307 |
| Bromoform | mg/kg | 0.0439 | 0.0436 | 0.591 | 21 | 87.7 | L317465-49 | WG328307 |
| Bromomethane | mg/kg | 0.0477 | 0.0484 | 1.43 | 30 | 95.3 | L317465-49 | WG328307 |
| Carbon tetrachloride | mg/kg | 0.0514 | 0.0510 | 0.846 | 22 | 103. | L317465-49 | WG328307 |
| Chlorobenzene | mg/kg | 0.0451 | 0.0386 | 15.4 | 22 | 90.1 | L317465-49 | WG328307 |
| Chlorodibromomethane | mg/kg | 0.0548 | 0.0559 | 2.00 | 17 | 110. | L317465-49 | WG328307 |
| Chloroethane | mg/kg | 0.0449 | 0.0466 | 3.78 | 28 | 89.7 | L317465-49 | WG328307 |
| Chloroform | mg/kg | 0.0517 | 0.0543 | 4.78 | 14 | 103. | L317465-49 | WG328307 |
| Chloromethane | mg/kg | 0.0366 | 0.0377 | 2.75 | 19 | 73.3 | L317465-49 | WG328307 |
| cis-1,2-Dichloroethene | mg/kg | 0.0433 | 0.0454 | 4.62 | 12 | 86.7 | L317465-49 | WG328307 |
| cis-1,3-Dichloropropene | mg/kg | 0.0350 | 0.0357 | 1.99 | 16 | 70.1 | L317465-49 | WG328307 |
| Di-isopropyl ether | mg/kg | 0.0452 | 0.0488 | 7.63 | 20 | 90.5 | L317465-49 | WG328307 |
| Dibromomethane | mg/kg | 0.0317 | 0.0342 | 7.70 | 16 | 63.4 | L317465-49 | WG328307 |
| Dichlorodifluoromethane | mg/kg | 0.0488 | 0.0510 | 4.37 | 22 | 97.7 | L317465-49 | WG328307 |
| Ethylbenzene | mg/kg | 0.0411 | 0.0309 | 28.3 | 20 | 82.2 | L317465-49 | WG328307 |
| Isopropylbenzene | mg/kg | 0.0479 | 0.0331 | 36.6 | 20 | 95.8 | L317465-49 | WG328307 |
| Methyl tert-butyl ether | mg/kg | 0.0460 | 0.0510 | 10.4 | 13 | 92.0 | L317465-49 | WG328307 |
| Methylene Chloride | mg/kg | 0.0408 | 0.0434 | 6.12 | 16 | 81.7 | L317465-49 | WG328307 |
| n-Butylbenzene | mg/kg | 0.0410 | 0.0205 | 66.7 | 22 | 82.0 | L317465-49 | WG328307 |
| n-Propylbenzene | mg/kg | 0.0459 | 0.0265 | 53.5 | 19 | 91.9 | L317465-49 | WG328307 |
| Naphthalene | mg/kg | 0.0310 | 0.0264 | 15.9 | 22 | 61.9 | L317465-49 | WG328307 |
| p-Isopropyltoluene | mg/kg | 0.0473 | 0.0241 | 64.9 | 21 | 94.7 | L317465-49 | WG328307 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | mg/kg | 0.0497 | 0.0279 | 56.2 | 21 | 99.4 | L317465-49 | WG328307 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| tert-Butylbenzene | mg/kg | 0.0519 | 0.0333 | 43.8 | 21 | 104. | L317465-49 | WG328307 |
| Tetrachloroethene | mg/kg | 0.0463 | 0.0381 | 19.5 | 21 | 92.5 | L317465-49 | WG328307 |
| Toluene | mg/kg | 0.0314 | 0.0286 | 9.22 | 19 | 62.7 | L317465-49 | WG328307 |
| trans-1,2-Dichloroethene | mg/kg | 0.0429 | 0.0437 | 1.90 | 20 | 85.7 | L317465-49 | WG328307 |
| trans-1,3-Dichloropropene | mg/kg | 0.0352 | 0.0359 | 1.85 | 16 | 70.4 | L317465-49 | WG328307 |
| Trichloroethene | mg/kg | 0.0393 | 0.0378 | 3.82 | 18 | 78.6 | L317465-49 | WG328307 |
| Trichlorofluoromethane | mg/kg | 0.0505 | 0.0520 | 3.03 | 21 | 101. | L317465-49 | WG328307 |
| Vinyl chloride | mg/kg | 0.0383 | 0.0403 | 5.25 | 24 | 76.6 | L317465-49 | WG328307 |
| Xylenes, Total | mg/kg | 0.128 | 0.103 | 21.3 | 19 | 78.4 | L317465-49 | WG328307 |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.531 | 0.527 | 0.766 | 21 | 106. | L317369-05 | WG328327 |
| 1,1,1-Trichloroethane | mg/l | 0.336 | 0.326 | 3.15 | 22 | 67.2 | L317369-05 | WG328327 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.568 | 0.582 | 2.35 | 27 | 114. | L317369-05 | WG328327 |
| 1,1,2-Trichloroethane | mg/l | 0.584 | 0.616 | 5.29 | 19 | 117. | L317369-05 | WG328327 |
| 1,1-Dichloroethane | mg/l | 0.370 | 0.367 | 0.604 | 22 | 73.9 | L317369-05 | WG328327 |
| 1,1-Dichloroethene | mg/l | 0.273 | 0.269 | 1.28 | 22 | 54.5 | L317369-05 | WG328327 |
| 1,1-Dichloropropene | mg/l | 0.308 | 0.305 | 1.21 | 20 | 61.7 | L317369-05 | WG328327 |
| 1,2,3-Trichlorobenzene | mg/l | 0.332 | 0.349 | 4.97 | 26 | 66.4 | L317369-05 | WG328327 |
| 1,2,3-Trichloropropane | mg/l | 0.526 | 0.551 | 4.61 | 24 | 105. | L317369-05 | WG328327 |
| 1,2,4-Trichlorobenzene | mg/l | 0.410 | 0.412 | 0.658 | 26 | 81.9 | L317369-05 | WG328327 |
| 1,2,4-Trimethylbenzene | mg/l | 4.41 | 4.35 | 1.34 | 26 | 0.00 | L317369-05 | WG328327 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.482 | 0.517 | 7.00 | 27 | 96.4 | L317369-05 | WG328327 |
| 1,2-Dibromoethane | mg/l | 0.448 | 0.463 | 3.49 | 19 | 89.5 | L317369-05 | WG328327 |
| 1,2-Dichlorobenzene | mg/l | 0.431 | 0.438 | 1.55 | 19 | 86.2 | L317369-05 | WG328327 |
| 1,2-Dichloroethane | mg/l | 0.384 | 0.385 | 0.259 | 21 | 76.7 | L317369-05 | WG328327 |
| 1,2-Dichloropropane | mg/l | 0.773 | 0.724 | 6.46 | 20 | 155. | L317369-05 | WG328327 |
| 1,3,5-Trimethylbenzene | mg/l | 1.99 | 1.97 | 0.790 | 27 | 0.00 | L317369-05 | WG328327 |
| 1,3-Dichlorobenzene | mg/l | 0.415 | 0.425 | 2.33 | 25 | 83.0 | L317369-05 | WG328327 |
| 1,3-Dichloropropane | mg/l | 0.410 | 0.415 | 1.11 | 19 | 82.1 | L317369-05 | WG328327 |
| 1,4-Dichlorobenzene | mg/l | 0.417 | 0.426 | 2.24 | 18 | 83.3 | L317369-05 | WG328327 |
| 2,2-Dichloropropane | mg/l | 0.302 | 0.289 | 4.30 | 19 | 60.3 | L317369-05 | WG328327 |
| 2-Butanone (MEK) | mg/l | 2.07 | 2.10 | 1.02 | 22 | 83.0 | L317369-05 | WG328327 |
| 2-Chloroethyl vinyl ether | mg/l | 1.88 | 1.93 | 2.91 | 18 | 75.0 | L317369-05 | WG328327 |
| 2-Chlorotoluene | mg/l | 0.577 | 0.585 | 1.40 | 28 | 115. | L317369-05 | WG328327 |
| 4-Chlorotoluene | mg/l | 0.400 | 0.409 | 2.16 | 25 | 80.0 | L317369-05 | WG328327 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 2.43 | 2.53 | 4.06 | 25 | 97.2 | L317369-05 | WG328327 |
| Acetone | mg/l | 4.30 | 4.35 | 1.15 | 33 | 172. | L317369-05 | WG328327 |
| Acrolein | mg/l | 15.9 | 15.4 | 3.13 | 15 | 635. | L317369-05 | WG328327 |
| Acrylonitrile | mg/l | 2.96 | 2.91 | 1.55 | 25 | 118. | L317369-05 | WG328327 |
| Benzene | mg/l | 0.406 | 0.408 | 0.416 | 18 | 59.3 | L317369-05 | WG328327 |
| Bromobenzene | mg/l | 0.402 | 0.400 | 0.709 | 22 | 80.5 | L317369-05 | WG328327 |
| Bromodichloromethane | mg/l | 0.350 | 0.365 | 4.43 | 19 | 69.9 | L317369-05 | WG328327 |
| Bromoform | mg/l | 0.466 | 0.485 | 3.99 | 21 | 93.2 | L317369-05 | WG328327 |
| Bromomethane | mg/l | 0.278 | 0.273 | 1.75 | 24 | 55.6 | L317369-05 | WG328327 |
| Carbon tetrachloride | mg/l | 0.375 | 0.368 | 1.89 | 23 | 75.0 | L317369-05 | WG328327 |
| Chlorobenzene | mg/l | 0.389 | 0.398 | 2.47 | 22 | 77.7 | L317369-05 | WG328327 |
| Chlorodibromomethane | mg/l | 0.461 | 0.459 | 0.391 | 19 | 92.2 | L317369-05 | WG328327 |
| Chloroethane | mg/l | 0.302 | 0.312 | 3.36 | 25 | 60.3 | L317369-05 | WG328327 |
| Chloroform | mg/l | 0.439 | 0.443 | 0.720 | 20 | 87.9 | L317369-05 | WG328327 |
| Chloromethane | mg/l | 0.285 | 0.280 | 1.54 | 23 | 56.9 | L317369-05 | WG328327 |
| cis-1,2-Dichloroethene | mg/l | 0.363 | 0.366 | 0.607 | 18 | 72.7 | L317369-05 | WG328327 |
| cis-1,3-Dichloropropene | mg/l | 0.420 | 0.405 | 3.69 | 22 | 84.1 | L317369-05 | WG328327 |
| Di-isopropyl ether | mg/l | 0.371 | 0.363 | 2.20 | 20 | 74.2 | L317369-05 | WG328327 |
| Dibromomethane | mg/l | 0.392 | 0.403 | 2.82 | 19 | 78.4 | L317369-05 | WG328327 |
| Dichlorodifluoromethane | mg/l | 0.388 | 0.396 | 1.84 | 25 | 77.7 | L317369-05 | WG328327 |
| Ethylbenzene | mg/l | 1.25 | 1.26 | 0.130 | 20 | 0.00 | L317369-05 | WG328327 |
| Hexachlorobutadiene | mg/l | 0.388 | 0.387 | 0.0347 | 22 | 77.5 | L317369-05 | WG328327 |
| Isopropylbenzene | mg/l | 0.680 | 0.684 | 0.569 | 26 | 22.1 | L317369-05 | WG328327 |
| Methyl tert-butyl ether | mg/l | 0.353 | 0.358 | 1.43 | 21 | 70.6 | L317369-05 | WG328327 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Methylene Chloride | mg/l | 0.299 | 0.302 | 0.863 | 22 | 59.8 | L317369-05 | WG328327 |

| Analyte | Units | Matrix Spike Duplicate MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| n-Butylbenzene | mg/l | 1.12 | 1.10 | 1.58 | 20 | 224. | L317369-05 | WG328327 |
| n-Propylbenzene | mg/l | 1.47 | 1.46 | 0.626 | 26 | 0.00 | L317369-05 | WG328327 |
| Naphthalene | mg/l | 0.737 | 0.721 | 2.16 | 25 | 63.3 | L317369-05 | WG328327 |
| p-Isopropyltoluene | mg/l | 0.688 | 0.684 | 0.546 | 20 | 47.6 | L317369-05 | WG328327 |
| sec-Butylbenzene | mg/l | 0.561 | 0.557 | 0.692 | 20 | 46.1 | L317369-05 | WG328327 |
| Styrene | mg/l | 0.404 | 0.407 | 0.702 | 27 | 80.8 | L317369-05 | WG328327 |
| tert-Butylbenzene | mg/l | 0.416 | 0.416 | 0.0142 | 26 | 83.3 | L317369-05 | WG328327 |
| Tetrachloroethene | mg/l | 0.336 | 0.353 | 4.87 | 24 | 67.2 | L317369-05 | WG328327 |
| Toluene | mg/l | 0.380 | 0.385 | 1.45 | 26 | 59.5 | L317369-05 | WG328327 |
| trans-1,2-Dichloroethene | mg/l | 0.266 | 0.276 | 3.82 | 24 | 53.2 | L317369-05 | WG328327 |
| trans-1,3-Dichloropropene | mg/l | 0.357 | 0.352 | 1.44 | 22 | 71.5 | L317369-05 | WG328327 |
| Trichloroethene | mg/l | 0.327 | 0.328 | 0.371 | 23 | 65.3 | L317369-05 | WG328327 |
| Trichlorofluoromethane | mg/l | 0.380 | 0.379 | 0.0470 | 21 | 75.9 | L317369-05 | WG328327 |
| Vinyl chloride | mg/l | 0.305 | 0.302 | 1.24 | 24 | 61.1 | L317369-05 | WG328327 |
| Xylenes, Total | mg/l | 1.87 | 1.88 | 0.952 | 24 | 44.3 | L317369-05 | WG328327 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.412 | 0.488 | 16.8 | 18 | 8.41 | L317465-39 | WG328455 |
| 1,1,1-Trichloroethane | mg/kg | 0.338 | 0.426 | 23.0 | 17 | 6.90 | L317465-39 | WG328455 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.348 | 0.428 | 20.5 | 14 | 7.11 | L317465-39 | WG328455 |
| 1,1,2-Trichloroethane | mg/kg | 0.378 | 0.483 | 24.3 | 19 | 7.72 | L317465-39 | WG328455 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.393 | 0.463 | 16.3 | 20 | 8.02 | L317465-39 | WG328455 |
| 1,1-Dichloroethane | mg/kg | 0.315 | 0.425 | 29.9 | 16 | 6.42 | L317465-39 | WG328455 |
| 1,1-Dichloroethene | mg/kg | 0.419 | 0.482 | 13.8 | 20 | 8.56 | L317465-39 | WG328455 |
| 1,1-Dichloropropene | mg/kg | 0.382 | 0.471 | 20.9 | 21 | 7.79 | L317465-39 | WG328455 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.319 | 0.368 | 14.5 | 23 | 6.50 | L317465-39 | WG328455 |
| 1,2,3-Trichloropropane | mg/kg | 0.353 | 0.413 | 15.7 | 16 | 7.20 | L317465-39 | WG328455 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.353 | 0.394 | 11.1 | 24 | 7.20 | L317465-39 | WG328455 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.401 | 0.529 | 27.6 | 23 | 8.18 | L317465-39 | WG328455 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.189 | 0.282 | 39.8 | 24 | 3.85 | L317465-39 | WG328455 |
| 1,2-Dibromoethane | mg/kg | 0.316 | 0.403 | 24.2 | 16 | 6.45 | L317465-39 | WG328455 |
| 1,2-Dichlorobenzene | mg/kg | 0.348 | 0.433 | 21.8 | 19 | 7.10 | L317465-39 | WG328455 |
| 1,2-Dichloroethane | mg/kg | 0.362 | 0.413 | 13.1 | 14 | 7.40 | L317465-39 | WG328455 |
| 1,2-Dichloropropane | mg/kg | 0.340 | 0.454 | 28.5 | 16 | 6.95 | L317465-39 | WG328455 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.425 | 0.517 | 19.6 | 19 | 3.56 | L317465-39 | WG328455 |
| 1,3-Dichlorobenzene | mg/kg | 0.410 | 0.516 | 23.0 | 18 | 8.36 | L317465-39 | WG328455 |
| 1,3-Dichloropropane | mg/kg | 0.354 | 0.439 | 21.4 | 16 | 7.22 | L317465-39 | WG328455 |
| 1,4-Dichlorobenzene | mg/kg | 0.366 | 0.475 | 26.1 | 18 | 7.46 | L317465-39 | WG328455 |
| 2,2-Dichloropropane | mg/kg | 0.163 | 0.275 | 51.0 | 18 | 3.33 | L317465-39 | WG328455 |
| 2-Butanone (MEK) | mg/kg | 1.33 | 1.65 | 21.6 | 21 | 5.43 | L317465-39 | WG328455 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.00 | 0.00 | 0.00 | 13 | 0.00 | L317465-39 | WG328455 |
| 2-Chlorotoluene | mg/kg | 0.383 | 0.503 | 27.2 | 20 | 7.81 | L317465-39 | WG328455 |
| 4-Chlorotoluene | mg/kg | 0.398 | 0.499 | 22.6 | 19 | 8.12 | L317465-39 | WG328455 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 1.32 | 1.72 | 26.4 | 20 | 5.39 | L317465-39 | WG328455 |
| Acetone | mg/kg | 5.28 | 3.90 | 30.1 | 23 | 21.6 | L317465-39 | WG328455 |
| Acrylonitrile | mg/kg | 1.66 | 1.98 | 17.8 | 20 | 6.78 | L317465-39 | WG328455 |
| Benzene | mg/kg | 0.387 | 0.471 | 19.5 | 15 | 7.90 | L317465-39 | WG328455 |
| Bromobenzene | mg/kg | 0.385 | 0.491 | 24.1 | 19 | 7.86 | L317465-39 | WG328455 |
| Bromodichloromethane | mg/kg | 0.337 | 0.421 | 22.2 | 15 | 6.87 | L317465-39 | WG328455 |
| Bromoform | mg/kg | 0.303 | 0.377 | 21.8 | 21 | 6.18 | L317465-39 | WG328455 |
| Bromomethane | mg/kg | 0.421 | 0.578 | 31.5 | 30 | 8.59 | L317465-39 | WG328455 |
| Carbon tetrachloride | mg/kg | 0.308 | 0.403 | 26.5 | 22 | 6.29 | L317465-39 | WG328455 |
| Chlorobenzene | mg/kg | 0.431 | 0.531 | 20.7 | 22 | 8.79 | L317465-39 | WG328455 |
| Chlorodibromomethane | mg/kg | 0.333 | 0.428 | 24.9 | 17 | 6.81 | L317465-39 | WG328455 |
| Chloroethane | mg/kg | 0.423 | 0.493 | 15.3 | 28 | 8.63 | L317465-39 | WG328455 |
| Chloroform | mg/kg | 0.383 | 0.456 | 17.4 | 14 | 7.81 | L317465-39 | WG328455 |
| Chloromethane | mg/kg | 0.00 | 0.00 | 0.00 | 19 | 0.00 | L317465-39 | WG328455 |
| cis-1,2-Dichloroethene | mg/kg | 0.417 | 0.493 | 16.7 | 12 | 8.51 | L317465-39 | WG328455 |
| cis-1,3-Dichloropropene | mg/kg | 0.317 | 0.401 | 23.3 | 16 | 6.48 | L317465-39 | WG328455 |
| Di-isopropyl ether | mg/kg | 0.391 | 0.473 | 18.8 | 20 | 7.99 | L317465-39 | WG328455 |

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Quality Assurance Report
Level II

L317465

November 05, 2007

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|---|---|---|---|---|---|---|---|---|
| Dibromomethane | mg/kg | 0.328 | 0.420 | 24.4 | 16 | 6.70 | L317465-39 | WG328455 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | mg/kg | 0.270 | 0.330 | 20.2 | 22 | 5.50 | L317465-39 | WG328455 |
| Ethylbenzene | mg/kg | 74.1 | 84.0 | 12.5 | 20 | 125. | L317465-39 | WG328455 |
| Hexachlorobutadiene | mg/kg | 0.284 | 0.338 | 17.2 | 22 | 5.80 | L317465-39 | WG328455 |
| Isopropylbenzene | mg/kg | 0.636 | 0.780 | 20.3 | 20 | 8.70 | L317465-39 | WG328455 |
| Methyl tert-butyl ether | mg/kg | 0.0460 | 0.110 | 81.7 | 13 | 0.939 | L317465-39 | WG328455 |
| Methylene Chloride | mg/kg | 0.491 | 0.528 | 7.30 | 16 | 10.0 | L317465-39 | WG328455 |
| n-Butylbenzene | mg/kg | 0.340 | 0.449 | 27.7 | 22 | 6.93 | L317465-39 | WG328455 |
| n-Propylbenzene | mg/kg | 0.491 | 0.626 | 24.2 | 19 | 10.0 | L317465-39 | WG328455 |
| Naphthalene | mg/kg | 0.482 | 0.508 | 5.09 | 22 | 9.85 | L317465-39 | WG328455 |
| p-Isopropyltoluene | mg/kg | 0.373 | 0.493 | 27.7 | 21 | 7.61 | L317465-39 | WG328455 |
| sec-Butylbenzene | mg/kg | 0.374 | 0.483 | 25.4 | 21 | 7.64 | L317465-39 | WG328455 |
| Styrene | mg/kg | 1.92 | 2.22 | 14.9 | 23 | 39.1 | L317465-39 | WG328455 |
| tert-Butylbenzene | mg/kg | 0.384 | 0.495 | 25.3 | 21 | 7.83 | L317465-39 | WG328455 |
| Tetrachloroethene | mg/kg | 0.416 | 0.508 | 20.0 | 21 | 8.49 | L317465-39 | WG328455 |
| Toluene | mg/kg | 0.375 | 0.454 | 19.1 | 19 | 7.65 | L317465-39 | WG328455 |
| trans-1,2-Dichloroethene | mg/kg | 0.397 | 0.503 | 23.5 | 20 | 8.10 | L317465-39 | WG328455 |
| trans-1,3-Dichloropropene | mg/kg | 0.271 | 0.349 | 25.1 | 16 | 5.54 | L317465-39 | WG328455 |
| Trichloroethene | mg/kg | 0.361 | 0.439 | 19.3 | 18 | 7.38 | L317465-39 | WG328455 |
| Trichlorofluoromethane | mg/kg | 0.305 | 0.370 | 19.1 | 21 | 6.23 | L317465-39 | WG328455 |
| Vinyl chloride | mg/kg | 0.407 | 0.468 | 14.0 | 24. | 8.30 | L317465-39 | WG328455 |
| Xylenes, Total | mg/kg | 223. | 250. | 11.4 | 19 | 86.4 | L317465-39 | WG328455 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0175 | 0.0197 | 12.2 | 18 | 35.0 | L317331-01 | WG328472 |
| 1,1,1-Trichloroethane | mg/kg | 0.0195 | 0.0198 | 1.29 | 17 | 39.0 | L317331-01 | WG328472 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0267 | 0.0290 | 8.20 | 14 | 53.5 | L317331-01 | WG328472 |
| 1,1,2-Trichloroethane | mg/kg | 0.0251 | 0.0264 | 5.30 | 19 | 50.1 | L317331-01 | WG328472 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0191 | 0.0181 | 5.56 | 20 | 38.3 | L317331-01 | WG328472 |
| 1,1-Dichloroethane | mg/kg | 0.0223 | 0.0209 | 6.22 | 16 | 44.5 | L317331-01 | WG328472 |
| 1,1-Dichloroethene | mg/kg | 0.0169 | 0.0183 | 8.08 | 20 | 33.8 | L317331-01 | WG328472 |
| 1,1-Dichloropropene | mg/kg | 0.0182 | 0.0192 | 5.38 | 21 | 36.4 | L317331-01 | WG328472 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0049 | 0.0093 | 61.7. | 23 | 9.86 | L317331-01 | WG328472 |
| 1,2,3-Trichloropropane | mg/kg | 0.0240 | 0.0270 | 12.0 | 16 | 47.9 | L317331-01 | WG328472 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0053 | 0.0085 | 46.4 | 24 | 10.7 | L317331-01 | WG328472 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0162 | 0.0180 | 10.7 | 23 | 24.9 | L317331-01 | WG328472 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0238 | 0.0279 | 15.9 | 24 | 47.5 | L317331-01 | WG328472 |
| 1,2-Dibromoethane | mg/kg | 0.0244 | 0.0250 | 2.51 | 16 | 48.8 | L317331-01 | WG328472 |
| 1,2-Dichlorobenzene | mg/kg | 0.0105 | 0.0140 | 28.5 | 19 | 21.0 | L317331-01 | WG328472 |
| 1,2-Dichloroethane | mg/kg | 0.0218 | 0.0246 | 12.3 | 14 | 43.6 | L317331-01 | WG328472 |
| 1,2-Dichloropropane | mg/kg | 0.0217 | 0.0252 | 15.1 | 16 | 41.4 | L317331-01 | WG328472 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0139 | 0.0142 | 1.95 | 19 | 25.8 | L317331-01 | WG328472 |
| 1,3-Dichlorobenzene | mg/kg | 0.0108 | 0.0137 | 24.0 | 18 | 21.5 | L317331-01 | WG328472 |
| 1,3-Dichloropropane | mg/kg | 0.0235 | 0.0259 | 9.65 | 16 | 47.1 | L317331-01 | WG328472 |
| 1,4-Dichlorobenzene | mg/kg | 0.0098 | 0.0137 | 32.8 | 18 | 19.7 | L317331-01 | WG328472 |
| 2,2-Dichloropropane | mg/kg | 0.0162 | 0.0173 | 6.61 | 18 | 32.4 | L317331-01 | WG328472 |
| 2-Butanone (MEK) | mg/kg | 0.170 | 0.197 | 14.7 | 21 | 67.9 | L317331-01 | WG328472 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0692 | 0.0683 | 1.36 | 13 | 27.7 | L317331-01 | WG328472 |
| 2-Chlorotoluene | mg/kg | 0.0127 | 0.0143 | 11.7 | 20 | 25.5 | L317331-01 | WG328472 |
| 4-Chlorotoluene | mg/kg | 0.0115 | 0.0138 | 17.6 | 19 | 23.1 | L317331-01 | WG328472 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.194 | 0.215 | 10.3 | 20 | 77.5 | L317331-01 | WG328472 |
| Acetone | mg/kg | 0.177 | 0.192 | 8.13 | 23 | 69.2 | L317331-01 | WG328472 |
| Acrylonitrile | mg/kg | 0.141 | 0.178 | 23.4 | 20 | 54.7 | L317331-01 | WG328472 |
| Benzene | mg/kg | 0.0263 | 0.0286 | 8.46 | 15 | 42.0 | L317331-01 | WG328472 |
| Bromobenzene | mg/kg | 0.0157 | 0.0182 | 14.5 | 19 | 31.4 | L317331-01 | WG328472 |
| Bromodichloromethane | mg/kg | 0.0208 | 0.0216 | 4.09 | 15 | 41.6 | L317331-01 | WG328472 |
| Bromoform | mg/kg | 0.0207 | 0.0216 | 4.52 | 21 | 41.4 | L317331-01 | WG328472 |
| Bromomethane | mg/kg | 0.0189 | 0.0152 | 21.6 | 30 | 37.8 | L317331-01 | WG328472 |
| Carbon tetrachloride | mg/kg | 0.0170 | 0.0177 | 3.92 | 22 | 34.0 | L317331-01 | WG328472 |
| Chlorobenzene | mg/kg | 0.0162 | 0.0174 | 7.28 | 22 | 32.3 | L317331-01 | WG328472 |
| Chlorodibromomethane | mg/kg | 0.0192 | 0.0200 | 4.20 | 17 | 38.4 | L317331-01 | WG328472 |

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Quality Assurance Report
Level II

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November 05, 2007

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Chloroethane | mg/kg | 0.0212 | 0.0187 | 12.8 | 28 | 42.5 | L317331-01 | WG328472 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Chloroform | mg/kg | 0.0202 | 0.0234 | 14.7 | 14 | 40.4 | L317331-01 | WG328472 |
| Chloromethane | mg/kg | 0.0175 | 0.0123 | 34.7 | 19 | 33.2 | L317331-01 | WG328472 |
| cis-1,2-Dichloroethene | mg/kg | 0.0211 | 0.0247 | 15.8 | 12 | 42.1 | L317331-01 | WG328472 |
| cis-1,3-Dichloropropene | mg/kg | 0.0201 | 0.0222 | 9.97 | 16 | 40.2 | L317331-01 | WG328472 |
| Di-isopropyl ether | mg/kg | 0.0267 | 0.0253 | 5.54 | 20 | 53.4 | L317331-01 | WG328472 |
| Dibromomethane | mg/kg | 0.0234 | 0.0256 | 9.30 | 16 | 46.7 | L317331-01 | WG328472 |
| Dichlorodifluoromethane | mg/kg | 0.0157 | 0.0139 | 11.7 | 22 | 31.3 | L317331-01 | WG328472 |
| Ethylbenzene | mg/kg | 0.0204 | 0.0199 | 2.43 | 20 | 29.7 | L317331-01 | WG328472 |
| Hexachlorobutadiene | mg/kg | 0.0091 | 0.0066 | 31.7 | 22 | 18.4 | L317331-01 | WG328472 |
| Isopropylbenzene | mg/kg | 0.0170 | 0.0164 | 3.38 | 20 | 32.8 | L317331-01 | WG328472 |
| Methyl tert-butyl ether | mg/kg | 0.0229 | 0.0259 | 12.2 | 13 | 45.8 | L317331-01 | WG328472 |
| Methylene Chloride | mg/kg | 0.0200 | 0.0230 | 14.1 | 16 | 39.2 | L317331-01 | WG328472 |
| n-Butylbenzene | mg/kg | 0.0119 | 0.0105 | 12.9 | 22 | 23.2 | L317331-01 | WG328472 |
| n-Propylbenzene | mg/kg | 0.0152 | 0.0146 | 3.85 | 19 | 28.1 | L317331-01 | WG328472 |
| Naphthalene | mg/kg | 0.0107 | 0.0160 | 40.2 | 22 | 20.0 | L317331-01 | WG328472 |
| p-Isopropyltoluene | mg/kg | 0.0134 | 0.0125 | 7.29 | 21 | 26.8 | L317331-01 | WG328472 |
| sec-Butylbenzene | mg/kg | 0.0161 | 0.0132 | 19.5 | 21 | 32.2 | L317331-01 | WG328472 |
| Styrene | mg/kg | 0.0155 | 0.0185 | 17.8 | 23 | 31.0 | L317331-01 | WG328472 |
| tert-Butylbenzene | mg/kg | 0.0158 | 0.0145 | 8.56 | 21 | 30.8 | L317331-01 | WG328472 |
| Tetrachloroethene | mg/kg | 0.0150 | 0.0143 | 5.10 | 21 | 30.1 | L317331-01 | WG328472 |
| Toluene | mg/kg | 0.0350 | 0.0334 | 4.68 | 19 | 40.0 | L317331-01 | WG328472 |
| trans-1,2-Dichloroethene | mg/kg | 0.0151 | 0.0158 | 4.68 | 20 | 30.1 | L317331-01 | WG328472 |
| trans-1,3-Dichloropropene | mg/kg | 0.0209 | 0.0215 | 3.19 | 16 | 41.7 | L317331-01 | WG328472 |
| Trichloroethene | mg/kg | 0.0180 | 0.0183 | 1.57 | 18 | 36.0 | L317331-01 | WG328472 |
| Trichlorofluoromethane | mg/kg | 0.0184 | 0.0156 | 16.4 | 21 | 36.9 | L317331-01 | WG328472 |
| Vinyl chloride | mg/kg | 0.0176 | 0.0136 | 25.4 | 24 | 35.2 | L317331-01 | WG328472 |
| Xylenes, Total | mg/kg | 0.0563 | 0.0578 | 2.74 | 19 | 30.2 | L317331-01 | WG328472 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.226 | 0.236 | 4.17 | 18 | 90.4 | L317046-26 | WG328517 |
| 1,1,1-Trichloroethane | mg/kg | 0.224 | 0.266 | 17.1 | 17 | 67.1 | L317046-26 | WG328517 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.196 | 0.213 | 8.42 | 14 | 78.3 | L317046-26 | WG328517 |
| 1,1,2-Trichloroethane | mg/kg | 0.209 | 0.232 | 10.3 | 19 | 83.6 | L317046-26 | WG328517 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.212 | 0.233 | 9.25 | 20 | 79.4 | L317046-26 | WG328517 |
| 1,1-Dichloroethane | mg/kg | 0.163 | 0.191 | 15.5 | 16 | 65.3 | L317046-26 | WG328517 |
| 1,1-Dichloroethene | mg/kg | 0.237 | 0.241 | 1.64 | 20 | 89.4 | L317046-26 | WG328517 |
| 1,1-Dichloropropene | mg/kg | 0.175 | 0.191 | 8.32 | 21 | 70.1 | L317046-26 | WG328517 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0902 | 0.0760 | 17.1 | 23 | 36.1 | L317046-26 | WG328517 |
| 1,2,3-Trichloropropane | mg/kg | 0.197 | 0.211 | 6.76 | 16 | 78.7 | L317046-26 | WG328517 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0774 | 0.0715 | 7.97 | 24 | 31.0 | L317046-26 | WG328517 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.167 | 0.174 | 4.04 | 23 | 66.8 | L317046-26 | WG328517 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.145 | 0.146 | 1.07 | 24 | 57.9 | L317046-26 | WG328517 |
| 1,2-Dibromoethane | mg/kg | 0.189 | 0.210 | 10.4 | 16 | 75.8 | L317046-26 | WG328517 |
| 1,2-Dichlorobenzene | mg/kg | 0.137 | 0.131 | 4.32 | 19 | 54.7 | L317046-26 | WG328517 |
| 1,2-Dichloroethane | mg/kg | 0.180 | 0.189 | 5.27 | 14 | 71.8 | L317046-26 | WG328517 |
| 1,2-Dichloropropane | mg/kg | 0.187 | 0.201 | 7.36 | 16 | 74.8 | L317046-26 | WG328517 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.174 | 0.183 | 4.70 | 19 | 69.8 | L317046-26 | WG328517 |
| 1,3-Dichlorobenzene | mg/kg | 0.138 | 0.143 | 3.47 | 18 | 55.1 | L317046-26 | WG328517 |
| 1,3-Dichloropropane | mg/kg | 0.196 | 0.217 | 9.96 | 16 | 78.6 | L317046-26 | WG328517 |
| 1,4-Dichlorobenzene | mg/kg | 0.122 | 0.125 | 1.72 | 18 | 49.0 | L317046-26 | WG328517 |
| 2,2-Dichloropropane | mg/kg | 0.0514 | 0.0662 | 25.2 | 18 | 20.5 | L317046-26 | WG328517 |
| 2-Butanone (MEK) | mg/kg | 0.745 | 0.813 | 8.77 | 21 | 59.6 | L317046-26 | WG328517 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.0017 | 0.0015 | 12.2 | 13 | 0.140 | L317046-26 | WG328517 |
| 2-Chlorotoluene | mg/kg | 0.167 | 0.176 | 5.20 | 20 | 66.7 | L317046-26 | WG328517 |
| 4-Chlorotoluene | mg/kg | 0.144 | 0.153 | 5.54 | 19 | 57.8 | L317046-26 | WG328517 |
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.828 | 0.938 | 12.4 | 20 | 66.3 | L317046-26 | WG328517 |
| Acetone | mg/kg | 0.836 | 0.970 | 14.9 | 23 | 66.9 | L317046-26 | WG328517 |
| Acrylonitrile | mg/kg | 0.843 | 0.917 | 8.36 | 20 | 67.5 | L317046-26 | WG328517 |
| Benzene | mg/kg | 0.192 | 0.202 | 5.47 | 15 | 76.6 | L317046-26 | WG328517 |
| Bromobenzene | mg/kg | 0.169 | 0.178 | 4.78 | 19 | 67.7 | L317046-26 | WG328517 |

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Level II

L317465

November 05, 2007

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|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | mg/kg | 0.186 | 0.198 | 6.23 | 15 | 74.3 | L317046-26 | WG328517 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| Bromoform | mg/kg | 0.197 | 0.212 | 7.71 | 21 | 78.6 | L317046-26 | WG328517 |
| Bromomethane | mg/kg | 0.296 | 0.294 | 0.682 | 30 | 118. | L317046-26 | WG328517 |
| Carbon tetrachloride | mg/kg | 0.180 | 0.193 | 6.81 | 22 | 72.0 | L317046-26 | WG328517 |
| Chlorobenzene | mg/kg | 0.191 | 0.205 | 6.95 | 22 | 76.6 | L317046-26 | WG328517 |
| Chlorodibromomethane | mg/kg | 0.210 | 0.227 | 7.60 | 17 | 84.0 | L317046-26 | WG328517 |
| Chloroethane | mg/kg | 0.243 | 0.243 | 0.0057 | 28 | 97.2 | L317046-26 | WG328517 |
| Chloroform | mg/kg | 0.189 | 0.202 | 6.47 | 14 | 75.7 | L317046-26 | WG328517 |
| Chloromethane | mg/kg | 0.179 | 0.182 | 2.08 | 19 | 71.5 | L317046-26 | WG328517 |
| cis-1,2-Dichloroethene | mg/kg | 0.206 | 0.220 | 6.41 | 12 | 82.5 | L317046-26 | WG328517 |
| cis-1,3-Dichloropropene | mg/kg | 0.160 | 0.175 | 8.43 | 16 | 64.2 | L317046-26 | WG328517 |
| Di-isopropyl ether | mg/kg | 0.193 | 0.203 | 4.67 | 20 | 77.4 | L317046-26 | WG328517 |
| Dibromomethane | mg/kg | 0.160 | 0.178 | 10.4 | 16 | 64.1 | L317046-26 | WG328517 |
| Dichlorodifluoromethane | mg/kg | 0.155 | 0.160 | 3.18 | 22 | 62.0 | L317046-26 | WG328517 |
| Ethylbenzene | mg/kg | 0.205 | 0.226 | 9.41 | 20 | 82.2 | L317046-26 | WG328517 |
| Hexachlorobutadiene | mg/kg | 0.0923 | 0.0857 | 7.46 | 22 | 36.9 | L317046-26 | WG328517 |
| Isopropylbenzene | mg/kg | 0.195 | 0.209 | 7.00 | 20 | 77.9 | L317046-26 | WG328517 |
| Methyl tert-butyl ether | mg/kg | 0.0226 | 0.0288 | 24.4 | 13 | 9.03 | L317046-26 | WG328517 |
| Methylene Chloride | mg/kg | 0.203 | 0.214 | 5.24 | 16 | 81.1 | L317046-26 | WG328517 |
| n-Butylbenzene | mg/kg | 0.118 | 0.122 | 2.88 | 22 | 47.2 | L317046-26 | WG328517 |
| n-Propylbenzene | mg/kg | 0.167 | 0.182 | 8.20 | 19 | 67.0 | L317046-26 | WG328517 |
| Naphthalene | mg/kg | 0.108 | 0.0975 | 10.6 | 22 | 43.4 | L317046-26 | WG328517 |
| p-Isopropyltoluene | mg/kg | 0.154 | 0.161 | 4.23 | 21 | 61.8 | L317046-26 | WG328517 |
| sec-Butylbenzene | mg/kg | 0.173 | 0.180 | 3.90 | 21 | 69.3 | L317046-26 | WG328517 |
| Styrene | mg/kg | 0.186 | 0.200 | 7.39 | 23 | 74.2 | L317046-26 | WG328517 |
| tert-Butylbenzene | mg/kg | 0.191 | 0.199 | 4.09 | 21 | 76.5 | L317046-26 | WG328517 |
| Tetrachloroethene | mg/kg | 0.503 | 0.906 | 57.2 | 21 | 25.2 | L317046-26 | WG328517 |
| Toluene | mg/kg | 0.184 | 0.196 | 6.53 | 19 | 73.5 | L317046-26 | WG328517 |
| trans-1,2-Dichloroethene | mg/kg | 0.194 | 0.203 | 4.81 | 20 | 77.5 | L317046-26 | WG328517 |
| trans-1,3-Dichloropropene | mg/kg | 0.142 | 0.155 | 8.45 | 16 | 57.0 | L317046-26 | WG328517 |
| Trichloroethene | mg/kg | 0.187 | 0.210 | 11.5 | 18 | 69.3 | L317046-26 | WG328517 |
| Trichlorofluoromethane | mg/kg | 0.181 | 0.190 | 5.19 | 21 | 72.2 | L317046-26 | WG328517 |
| Vinyl chloride | mg/kg | 0.219 | 0.219 | 0.320 | 24 | 87.4 | L317046-26 | WG328517 |
| Xylenes, Total | mg/kg | 0.603 | 0.666 | 9.89 | 19 | 80.5 | L317046-26 | WG328517 |
| 1,1,1,2-Tetrachloroethane | mg/kg | 0.0244 | 0.0333 | 31.0 | 18 | 48.7 | L317447-03 | WG328522 |
| 1,1,1-Trichloroethane | mg/kg | 0.0219 | 0.0273 | 21.8 | 17 | 43.9 | L317447-03 | WG328522 |
| 1,1,2,2-Tetrachloroethane | mg/kg | 0.0265 | 0.0342 | 25.6 | 14 | 52.9 | L317447-03 | WG328522 |
| 1,1,2-Trichloroethane | mg/kg | 0.0230 | 0.0319 | 32.5 | 19 | 46.0 | L317447-03 | WG328522 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/kg | 0.0211 | 0.0256 | 19.2 | 20 | 42.2 | L317447-03 | WG328522 |
| 1,1-Dichloroethane | mg/kg | 0.0229 | 0.0296 | 25.6 | 16 | 45.8 | L317447-03 | WG328522 |
| 1,1-Dichloroethene | mg/kg | 0.0221 | 0.0281 | 23.9 | 20 | 44.2 | L317447-03 | WG328522 |
| 1,1-Dichloropropene | mg/kg | 0.0221 | 0.0284 | 25.0 | 21 | 44.2 | L317447-03 | WG328522 |
| 1,2,3-Trichlorobenzene | mg/kg | 0.0104 | 0.0111 | 6.89 | 23 | 20.8 | L317447-03 | WG328522 |
| 1,2,3-Trichloropropane | mg/kg | 0.0238 | 0.0316 | 28.1 | 16 | 47.7 | L317447-03 | WG328522 |
| 1,2,4-Trichlorobenzene | mg/kg | 0.0097 | 0.0115 | 16.8 | 24 | 19.5 | L317447-03 | WG328522 |
| 1,2,4-Trimethylbenzene | mg/kg | 0.0180 | 0.0244 | 30.0 | 23 | 36.1 | L317447-03 | WG328522 |
| 1,2-Dibromo-3-Chloropropane | mg/kg | 0.0259 | 0.0320 | 20.9 | 24 | 51.9 | L317447-03 | WG328522 |
| 1,2-Dibromoethane | mg/kg | 0.0242 | 0.0327 | 29.8 | 16 | 48.5 | L317447-03 | WG328522 |
| 1,2-Dichlorobenzene | mg/kg | 0.0159 | 0.0207 | 26.4 | 19 | 31.8 | L317447-03 | WG328522 |
| 1,2-Dichloroethane | mg/kg | 0.0211 | 0.0276 | 26.9 | 14 | 42.1 | L317447-03 | WG328522 |
| 1,2-Dichloropropane | mg/kg | 0.0227 | 0.0298 | 26.8 | 16 | 45.5 | L317447-03 | WG328522 |
| 1,3,5-Trimethylbenzene | mg/kg | 0.0197 | 0.0271 | 31.5 | 19 | 39.4 | L317447-03 | WG328522 |
| 1,3-Dichlorobenzene | mg/kg | 0.0163 | 0.0212 | 26.2 | 18 | 32.6 | L317447-03 | WG328522 |
| 1,3-Dichloropropane | mg/kg | 0.0223 | 0.0307 | 31.5 | 16 | 44.6 | L317447-03 | WG328522 |
| 1,4-Dichlorobenzene | mg/kg | 0.0141 | 0.0188 | 28.6 | 18 | 28.2 | L317447-03 | WG328522 |
| 2,2-Dichloropropane | mg/kg | 0.0201 | 0.0251 | 22.4 | 18 | 40.1 | L317447-03 | WG328522 |
| 2-Butanone (MEK) | mg/kg | 0.134 | 0.178 | 27.7 | 21 | 53.0 | L317447-03 | WG328522 |
| 2-Chloroethyl vinyl ether | mg/kg | 0.00 | 0.00 | 0.00 | 13 | 0.00 | L317447-03 | WG328522 |
| 2-Chlorotoluene | mg/kg | 0.0186 | 0.0249 | 29.3 | 20 | 37.1 | L317447-03 | WG328522 |

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November 05, 2007

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|---|---|---|---|---|---|---|---|---|
| 4-Chlorotoluene | mg/kg | 0.0167 | 0.0227 | 30.3 | 19 | 33.5 | L317447-03 | WG328522 |

Matrix Spike Duplicate

| Analyte | Units | MSD Res | Ref Res | RPD | Limit | %Rec | Ref Samp | Batch |
|---|---|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (MIBK) | mg/kg | 0.154 | 0.210 | 30.3 | 20 | 61.7 | L317447-03 | WG328522 |
| Acetone | mg/kg | 0.143 | 0.173 | 18.9 | 23 | 49.8 | L317447-03 | WG328522 |
| Acrylonitrile | mg/kg | 0.130 | 0.167 | 24.7 | 20 | 52.1 | L317447-03 | WG328522 |
| Benzene | mg/kg | 0.0213 | 0.0282 | 27.8 | 15 | 42.7 | L317447-03 | WG328522 |
| Bromobenzene | mg/kg | 0.0185 | 0.0241 | 26.0 | 19 | 37.1 | L317447-03 | WG328522 |
| Bromodichloromethane | mg/kg | 0.0227 | 0.0298 | 27.3 | 15 | 45.3 | L317447-03 | WG328522 |
| Bromoform | mg/kg | 0.0275 | 0.0350 | 24.0 | 21 | 55.0 | L317447-03 | WG328522 |
| Bromomethane | mg/kg | 0.0311 | 0.0273 | 13.1 | 30 | 62.2 | L317447-03 | WG328522 |
| Carbon tetrachloride | mg/kg | 0.0223 | 0.0281 | 23.0 | 22 | 44.6 | L317447-03 | WG328522 |
| Chlorobenzene | mg/kg | 0.0209 | 0.0281 | 29.3 | 22 | 41.9 | L317447-03 | WG328522 |
| Chlorodibromomethane | mg/kg | 0.0246 | 0.0331 | 29.3 | 17 | 49.2 | L317447-03 | WG328522 |
| Chloroethane | mg/kg | 0.0360 | 0.0306 | 16.2 | 28 | 72.0 | L317447-03 | WG328522 |
| Chloroform | mg/kg | 0.0221 | 0.0285 | 25.3 | 14 | 44.2 | L317447-03 | WG328522 |
| Chloromethane | mg/kg | 0.0373 | 0.0327 | 13.1 | 19 | 72.0 | L317447-03 | WG328522 |
| cis-1,2-Dichloroethene | mg/kg | 0.0234 | 0.0304 | 26.0 | 12 | 46.8 | L317447-03 | WG328522 |
| cis-1,3-Dichloropropene | mg/kg | 0.0207 | 0.0275 | 28.6 | 16 | 41.3 | L317447-03 | WG328522 |
| Di-isopropyl ether | mg/kg | 0.0239 | 0.0311 | 26.1 | 20 | 47.8 | L317447-03 | WG328522 |
| Dibromomethane | mg/kg | 0.0243 | 0.0327 | 29.6 | 16 | 48.6 | L317447-03 | WG328522 |
| Dichlorodifluoromethane | mg/kg | 0.0480 | 0.0405 | 16.9 | 22 | 96.0 | L317447-03 | WG328522 |
| Ethylbenzene | mg/kg | 0.0225 | 0.0305 | 30.0 | 20 | 45.0 | L317447-03 | WG328522 |
| Hexachlorobutadiene | mg/kg | 0.0179 | 0.0208 | 15.4 | 22 | 35.7 | L317447-03 | WG328522 |
| Isopropylbenzene | mg/kg | 0.0223 | 0.0299 | 29.5 | 20 | 44.5 | L317447-03 | WG328522 |
| Methyl tert-butyl ether | mg/kg | 0.0246 | 0.0325 | 27.6 | 13 | 49.3 | L317447-03 | WG328522 |
| Methylene Chloride | mg/kg | 0.0200 | 0.0264 | 27.5 | 16 | 39.3 | L317447-03 | WG328522 |
| n-Butylbenzene | mg/kg | 0.0158 | 0.0213 | 30.0 | 22 | 31.5 | L317447-03 | WG328522 |
| n-Propylbenzene | mg/kg | 0.0193 | 0.0263 | 30.9 | 19 | 38.6 | L317447-03 | WG328522 |
| Naphthalene | mg/kg | 0.0137 | 0.0120 | 13.4 | 22 | 26.8 | L317447-03 | WG328522 |
| p-Isopropyltoluene | mg/kg | 0.0200 | 0.0267 | 29.0 | 21 | 39.9 | L317447-03 | WG328522 |
| sec-Butylbenzene | mg/kg | 0.0216 | 0.0279 | 25.8 | 21 | 43.1 | L317447-03 | WG328522 |
| Styrene | mg/kg | 0.0183 | 0.0202 | 10.3 | 23 | 36.5 | L317447-03 | WG328522 |
| tert-Butylbenzene | mg/kg | 0.0229 | 0.0303 | 27.8 | 21 | 45.7 | L317447-03 | WG328522 |
| Tetrachloroethene | mg/kg | 0.0226 | 0.0306 | 30.2 | 21 | 45.1 | L317447-03 | WG328522 |
| Toluene | mg/kg | 0.0228 | 0.0294 | 25.2 | 19 | 45.6 | L317447-03 | WG328522 |
| trans-1,2-Dichloroethene | mg/kg | 0.0215 | 0.0280 | 26.2 | 20 | 43.0 | L317447-03 | WG328522 |
| trans-1,3-Dichloropropene | mg/kg | 0.0200 | 0.0256 | 24.4 | 16 | 40.0 | L317447-03 | WG328522 |
| Trichloroethene | mg/kg | 0.0212 | 0.0269 | 23.6 | 18 | 42.5 | L317447-03 | WG328522 |
| Trichlorofluoromethane | mg/kg | 0.0340 | 0.0291 | 15.5 | 21 | 68.0 | L317447-03 | WG328522 |
| Vinyl chloride | mg/kg | 0.0354 | 0.0305 | 14.8 | 24 | 70.8 | L317447-03 | WG328522 |
| Xylenes, Total | mg/kg | 0.0648 | 0.0887 | 31.1 | 19 | 43.2 | L317447-03 | WG328522 |

Batch number /Run number / Sample number cross reference

WG328208: R340016: L317465-09 18 35 43 51 52 53 54
WG328215: R340022: L317465-24 27 28 31
WG328209: R340055: L317465-01 02 03 04 05 06 07 08 10 11
WG328221: R340057: L317465-12 13 14 15 16 17 20 21 22
WG328109: R340080: L317465-01 02 03 04 05
WG328309: R340151: L317465-03 04
WG328327: R340153: L317465-26 53
WG328307: R340181: L317465-46 47 48 49
WG328455: R340215: L317465-19 23 25 29 30 32 33 34 37 38 39
WG328349: R340247: L317465-29 30 31 32 33 34 36 37 38 39
WG328350: R340248: L317465-40 41 42 44 45 46 47 48 49 50
WG328348: R340249: L317465-17 19 20 21 22 23 24 25 27 28
WG328435: R340267: L317465-08 13 16 17 31
WG328347: R340289: L317465-06 07 08 10 11 12 13 14 15 16
WG328472: R340297: L317465-05 07 41 42 44 45
WG328522: R340311: L317465-02 03 04 46 47 48 49 50

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WG328517: R340323: L317465-23 30 34 36 37 39 40
WG328661: R340330: L317465-08 10 11 12 13 14 17 38 40 45

* * Calculations are performed prior to rounding of reported values .

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November 05, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

# APPENDIX D

# HEALTH AND SAFETY PLAN (HASP)

Project Name: Phase I Remedial Investigation
Project Location: Morrisville, Wake County, North Carolina
ECS Project No. 06.15416-C

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**Copies To:**_____ **Date:** _____
**Copies To:**_____ **Date:** _____

**ECS CAROLINAS, LLP**

**SITE HEALTH AND SAFETY PLAN**

**PREPARED FOR:**

KB Home, Raleigh-Durham Inc.
2610 Wycliff Road
Suite 102
Raleigh, NC 27607

**Date Prepared:**
October 2, 2007

**Plan Author:**
Chris Dionne

**Projected Mobilization Date:**
October 3, 2007

**Reviewed by:**

Branch Health & Safety Officer: Mark Brown, L.G., P.G., RSM Date: 10/2/07

ECS Project Manager: Ryan Conchilla Date: 10/2/07

**Amendments must have the concurrence of both the Branch Health & Safety Officer and Project Manager prior to implementation of each amendment.**

| AMENDMENT NUMBER | EFFECTIVE DATE | SUBJECT |
|---|---|---|
| | | |
| | | |
| | | |

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# 1.0 INTRODUCTION

## 1.0 Scope and Applicability of the Site Health and Safety Plan

This Site-Specific Health and Safety Plan provides a description of the known existing site conditions as they may affect health and safety; describes what activities will be taking place at the site as part of the project; reiterates health and safety requirements; describes levels of personal protective equipment (PPE) that may be required and the criteria for such protection and provides contingency planning for site communication, emergency equipment, and emergency planning. In addition, the plan provides mechanisms for amending the plan and for assuring that project personnel have read the plan and have met its health and safety requirement such as medical surveillance, respirator fit testing, and training.

# 2.0 KEY PERSONNEL / IDENTIFICATION OF HEALTH AND SAFETY PERSONNEL

## 2.1 Key Personnel

The following personnel, or their designee as appropriate, are designated to carry out the stated job functions on site. One person may carry out more than one job function.

NAME:

| | | |
|---|---|---|
| A. | Project Manager | Ryan Conchilla |
| B. | Site Safety Officer | Ryan Conchilla |
| | Alternate(s) | Chris Dionne |
| | | |
| C. | Site Manager | Ryan Conchilla |
| | Alternate | Chris Dionne |
| D. | Crew Chief(s) | NA |
| E. | First aid Attendant(s) | NA |
| | | |
| | | |

## 2.2 Organizational Responsibility

Project Manager
The project manager is ultimately responsible for the design, administration and implementation of the Project Operations Plan (POP). The POP includes a Site Specific Health and Safety Plan and responds to the requirements of the client. The project manager consults with the site manager regarding all field operations and must approve any alteration of the POP.

Site Manager
The site manager reports to the project manager and will:

- Assure that appropriate safety material is available, maintained, and properly used by all ECS and ECS subcontractor personnel;
- Advise personnel of ECS Safety Policies and their application to potential hazards associated with specific site operations;
- Instruct personnel in safe work practices and procedures for dealing with emergencies;
- Correct work practices or conditions that may result in injury or exposure to toxic substances;
- Supervise and monitor personnel safety performances to ensure required work practices are employed;
- Notify corporate safety and the branch health and safety officer of any job related illness or injury;
- Assist in the development of Site Health and Safety Plans;
- Coordinate emergency response activities for on-site personnel and with emergency support groups in the community.

Site Safety Officer

The site safety officer administers the health and safety program at the site and will:

- Have the authority to stop the job in order to correct safety and or health deficiencies.
- Be on site and readily available any time work is being done on the site;
- Obtain and interpret instrument readings to determine the degree of hazard present;
- Determine personal protection levels necessary to ensure personnel safety;
- Monitor decontamination procedures;
- Evaluate environmental, physical, and chemical hazards, and recommend to the site manager modifications to work plan or protection levels necessary to ensure personnel safety;
- Conduct safety and / or training briefings as necessary;
- Ensure that required work practices are utilized by monitoring the safety performance of all personnel;
- Report health and safety violations to the site manager;
- Assist in the coordination of emergency response activities for on-site personnel and with emergency support groups in the community.

# 3.0 SITE HISTORY AND DESCRIPTION

Description of Site

The site referred to as *"subject property," "site"* or *"the property"* is located at 20 single-family residential homes in the Twin Lakes Subdivision in Morrisville, Wake County, North Carolina (Appendix A, Figures 1 and 2). It is bordered to the south by the Trent River, to the west and north by Tryon Palace Drive, and to the east by Hancock Street. The site is currently developed with residential homes.
A vicinity map is included in **Appendix A**, Figure 1.

Activities Previously Performed on Site

Phase I Remedial Investigation at 223 Rope Walk Court.

Area Affected

The soil and surface water at the site have been affected from the xylene spill.

Surrounding Population

A mix of commercial and retail establishments immediately bound the site to the north, east, south, and west.

Topography

The site lies within the Coastal Plain Physiographic Province of North Carolina. The Coastal Plain is characterized by low, poorly-drained soils with relatively flat topography with topographic elevations ranging from sea level to approximately 20 feet above National Geodetic Vertical Datum of 1929 (NGVD) (Figure 1). The land surface has developed through the deposition of an eastward thickening wedge of sediments during a number of sea level changes. The topography of the site is generally level (elevation of approximately 1 to 5 feet NGVD). The Trent River is the major surface-water drainage system in the area, and the site is located on the north bank of the river. The Trent River is classified as SB-NSW, where water quality standards applying to surface waters that are used for primary recreation, including frequent or organized swimming, and are nutrient sensitive waters.

In general, shallow unconfined groundwater movement within the overlying soils is controlled largely by topographic gradients. As the groundwater percolates downward to the bedrock, it becomes controlled by the orientation of the rock fracture systems. Thus, the direction of groundwater movement may not be consistent with the reflecting topography. However, groundwater supplies in eastern North Carolina are transmitted by three major deep aquifer systems differentiated by the age of the soil deposits. The three major aquifer systems (from youngest to oldest, geologically) are characterized as the Quaternary Aquifer System, the Tertiary Aquifer System, and the Cretaceous Aquifer System. The Quaternary aquifer is composed of surficial deposits of sandy silt and clay. The aquifers of the Tertiary System are composed of glauconitic sands, clayey sands, and limestone. The aquifers of the Cretaceous System are composed of sand, silty and clayey sand, and clay separated by confining units of clay and silt. Based on information presented in *Geology and Groundwater Resources in the Greenville, North Carolina,* groundwater supplies in the immediate vicinity are provided by wells intercepting the Quaternary Aquifer System. Groundwater at the site is expected to flow to the south toward Mill Run which is located approximately 800 feet south of the subject property.

This inference only includes shallow groundwater that is not being influenced by pumping or subsurface conduits such as tile drains or utility lines. Actual site groundwater flow direction cannot be determined without site-specific groundwater information determined through the installation of groundwater monitoring wells.

Weather Conditions

Initial investigatory phases are planned for Fall 2007. Thus, field workers need to dress seasonally. **Appendix B** presents Heat and Cold Stress Protocol.

# 4.0 OPERATIONAL SAFETY AND HEALTH RISK ANALYSIS

## 4.1 Task 1- Soil Samples

Task Description and Location

ECS proposes to collect four to five soil samples at each area of concern (AOC) located on each of the twenty single-family residences identified by representatives of KB Home. **ECS personnel may elect to increase and/or decrease the number of samples collected based on visual and olfactory observations made in the field.** The initial Areas of Concern (AOC) for each of these residences will typically be located along both sides of the driveway. Additionally, other areas located on the properties which exhibit visual signs of stained soils and/or stressed vegetation will also be sampled as an AOC. The soil samples will be collected with a stainless-steel hand auger at approximately six to twelve inches below the ground surface (bgs). Soil samples will be collected at various locations and depths and placed into zip-lock bags. The samples will then be allowed time to volatilize and then screened for VOC vapor concentrations in the sample bag headspace using a photo ionization detector (PID). The soil sample with the highest VOC vapor concentration will then be placed into laboratory-provided containers, placed on ice for submittal to a State of North Carolina-certified laboratory for VOC analysis using Environmental Protection Agency (EPA) Method 8260.

Chemical Hazards

Xylene products are suspected to be present prior to performance of this task, although the potential also exists for unknown chemicals to be present. Field personnel will monitor the breathing space with a flame ionization detector (FID) and/or a photo ionizing detector (PID) and will work upwind of sample locations.

Biological Hazards

Insects, ticks, and snakes on site, especially in tall vegetation, and potential temperature extremes.

Methods / equipment used to protect employees from hazards

Insect repellant will be available; watch for snakes and other wild life in wet areas. Employees will be properly trained and outfitted for extreme weather conditions; See Heat and Cold Stress Protocol in **Appendix B**.

Physical Hazards

Team lifting should be used when moving sample coolers filled with ice and samples. Proper lifting technique of lifting with the legs and not the back will be used. Any amendments will be presented in **Appendix C.**

Operational Hazards

No operational hazards have been identified prior to performance of this task. Any amendments will be presented in **Appendix C.**

Methods / equipment used to protect employees from hazard

Sample containers and coolers should be properly packed and handled. Coolers should contain proper labels prior to shipping.

Other Hazards

At this time, no other physical hazards are known during the performance of this task.

# 5.0 PERSONNEL TRAINING REQUIREMENTS

Pre-assignment and Annual Refresher Training

All ECS personnel involved on on-site activities at this site must have completed 40 hours of HAZWOPER instruction, and must have had 8 hours of update instruction within the past 12 months. Certification of site personnel is presented in **Appendix D.**

If it is anticipated that respiratory protection will be necessary on this project, current (within the past 12 months) respirator training is required.

Those employees who have not had a minimum of 3 days of actual field experience under a skilled supervisor shall not be allowed to function independently of an immediate supervisor.

Site Supervisor Training

Employees who function in a supervisory capacity shall have an additional 8 hours of managers training.

Site Specific Training

A site-specific health and safety meeting shall be conducted prior to starting the work each day. The topics to be covered are those that are addressed in this health and safety plan. Additional training shall be done whenever new substances, processes, procedures or equipment are introduced into the work place or if a new or previously unrecognized hazard is discovered.

Documentation

Pre-assignment, annual and supervisor training is documented in **Appendix D,** and **Appendix E** presents the "Medical Surveillance and Training Status of Personnel."

Site safety meetings are to be documented in **Appendix F,** "Site Safety Meetings".

# 6.0 PERSONAL PROTECTIVE EQUIPMENT

## 6.1 Levels of Protection

Based on the evaluation of the potential hazards on the site, the following minimum levels of personal protection have been designated for the following applicable work areas and tasks.

| LOCATION | TASK | LEVEL OF PROTECTION | | | | |
|---|---|---|---|---|---|---|
| | | A | B | C | D | Other |
| | 1. Soil Samples | | | | X | |

Specific protective equipment for each level of protection is as follows:

**NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF BOTH THE SITE SAFETY OFFICER AND THE SITE MANAGER.**

Level A Personal Protective Equipment

Under this Health and Safety Plan, work will not be done if Level A PPE is required.

Level B Personal Protective Equipment

Under this Health and Safety Plan, work will not be done if Level B PPE is required.

Level C Personal Protective Equipment

Under this Health and Safety Plan, work will not be done if Level B PPE is required.

Level D Personal Protective Equipment

Level D equipment for Task number(s) 1 and 2

**(Circle the one that applies)**

| | | | | |
|---|---|---|---|---|
| A. | Outerwear | Uniform | Coveralls | Tyvek |
| B. | Hardhat | | | |
| C. | Gloves | Standard | Chemical resistant Type | |
| D. | Steel-toed boots | | Chemical resistant Type | |
| E. | Hearing protection | | | |
| F. | Safety Eyewear Glasses w/ side shields | | | Goggles |
| G. | Other (specify) _____ | | | |

Reassessment of PPE

If additional chemicals or hazards (e.g., elevated concentrations) are found to be present on site, or if the PPE chosen does not function properly, then the site health and safety officer will reassess the type of PPE that is being used. These changes shall be noted and approved in **Appendix C**, "Amendments to Site Health & Safety Plan".

Work Mission Duration

- Task 1 and 2 will require 1 to 2 days in the field

Whenever engineering or administrative controls are not feasible, employees will be provided with the appropriate respiratory equipment. The project manager or site safety officer knowledgeable in the proper application of respiratory protection will select equipment based on anticipated hazards to be encountered.

Fit tests

All employees who will be required to wear a respirator will have successfully been fit-tested for negative pressure respirators within the past 12 months, as documented in **Appendix E**.

Positive and negative pressure tests will be performed prior to each use.

Medical certification

All employees who will be required to wear a respirator will be medically qualified for that type of respirator.

Training

Employees shall be trained in the proper use, care, limitations, and in how to don and doff any PPE they may be required to use. Employees who will be required to wear a respirator will have been trained on how to wear, adjust and clean the respirator. The training shall have been done within the past 12 months.

Cartridges

Cartridge shall be replaced at a minimum daily or at the sign of "breakthrough", whichever is shorter.

SOP Personal Protective Equipment

The hazardous substance forms and manufacturer's specifications have been used to determine the chemical resistance and integrity of protective equipment. The project manager or site safety officer knowledgeable in the proper application of personal protective equipment will select equipment based on anticipated hazards.

Applicability

All employees covered by this plan are required to adhere to the PPE requirements of this plan. Failure to do so may result in being directed to leave the site, and disciplinary action including termination may result.

# 7.0 MEDICAL SURVEILLANCE REQUIREMENTS

ECS has established a Medical Surveillance Program (Program) for employees who may need to wear a respirator while involved in the evaluation and cleanup of hazardous waste sites. The purpose of the Program is to identify illnesses or problems that could put an employee at an unusual risk from exposures. The Program will help see that each employee can safely use negative pressure respirators and withstand heat stress. Information gathered during the Program will be used to establish and maintain a medical database for employees in order to monitor any abnormal conditions, which may be related to work exposure. ECS maintains the right to exclude certain individuals from particular assignments based on previous exposures and/or examination results. The Program includes:

- A baseline physical examination;
- The review of each Site Specific Health and Safety Plan and potential exposure list to determine the need for specific biological and medical monitoring;
- Medical evaluation after known or suspected hazardous exposures; and,
- Annual and exit physical examinations with attention given to specific exposures and /or symptoms.

Site-Specific Monitoring

No site specific medical surveillance monitoring is anticipated or planned for this site.

Documentation

Personnel medical surveillance documentation can be found in **APPENDIX E**, "Medical Surveillance and Training Status of Personnel".

## 8.0 AREA AMBIENT AIR MONITORING REQUIREMENT AND ACTION LEVELS

Ambient Air Monitoring

Ambient air monitoring shall be performed on site at specified intervals, and prior to beginning new work at a different portion of the site, to confirm the presence or absence of hazardous conditions. Continuous monitoring is required above the Action Level. The following table summarizes the ambient hazards, types of monitoring equipment required, monitoring frequencies, action levels, and actions of each task. Further information on site-specific hazards is presented in **Appendix G**, "Hazardous Substance Information Forms".

Instrument Calibration

All equipment shall be calibrated before and after each use. The readings shall be recorded with the instrument readings that were taking between calibrations.

Action Levels

See table provided on the following page.

## ACTION LEVELS

| TASK NO. | AMBIENT HAZARD | MONITORING EQUIPMENT | FREQUENCY | ACTION LEVEL | ACTION |
|---|---|---|---|---|---|
| 1 | Volatile Organic Compounds (VOCs) | FID or PID | Continually in breathing zone | FID/PID: 5 ppm above background levels. | Personnel will remain upwind of excavation if possible. If action level encountered, cease work; allow vapors to dissipate and re-test. If concentrations persist, remobilize with upgrade to Level B PPE following client approval and HASP amendment. (Note: This HASP does not allow an upgrade to Level B; and will have to be amended before proceeding in Level B PPE ) |
| 2 | Volatile Organic Compounds (VOCs) | FID or PID | Continually in breathing zone | FID/PID: 5 ppm above background levels. | Personnel will remain upwind of excavation if possible. If action level encountered, cease work; allow vapors to dissipate and re-test. If concentrations persist, remobilize with upgrade to Level B PPE following client approval and HASP amendment. (Note: This HASP does not allow an upgrade to Level B; and will have to be amended before proceeding in Level B PPE ) |
| | | | | | |
| | | | | | |
| | | | | | |

# 9.0 SITE CONTROL MEASURES

Buddy System

Employees will be organized into work groups in such a manner that each employee of the work group is designated to be observed by at least one other employee in the work group. All personnel entering and leaving the site are required to note their activities in **Appendix H**, "Personnel Site Activity Log."

Communications Procedures

The work areas are small. There is no need for radio communications.

The following standard hand signals will be used :

| | |
|---|---|
| HAND CLUTCHING THROAT | - Out of air, can't breathe |
| HANDS ON TOP OF HEAD | - Need assistance |
| THUMBS UP | - OK/I'm alright/I understand |
| THUMBS DOWN | - No/negative |
| GRIP PARTNER'S WRIST OR BOTH HANDS AROUND PARTNER'S WAIST | - Leave area immediately |

# 10.0 DECONTAMINATION PLAN

Personnel

Use decontamination solution made up of non-phosphate detergent and clean water.
Scrub boots
Rinse boots
Scrub work gloves
Rinse work gloves
Remove work gloves
Remove respirator and set aside (level C only)
Remove coveralls, utilizing contamination avoidance techniques
Bag disposables for proper disposal
Clean respirator
Dispose of decon water

## 11.0 CONFINED SPACE ENTRY PROCEDURES

No confined space entry is permitted under this Health and Safety Plan. Any procedures would be outlined in **Appendix I**.

## 12.0 SPILL CONTAINMENT PROGRAM

Spills of both liquids and solids are possible during the site activities due to equipment failures and carelessness. Liquids have a greater potential of impacting soil surface water and groundwater. Solids could be expected to have little impact outside of the spill area unless moved by precipitation or wind. Liquids that have the potential of being on site include: 1) fuels, lubricating oils, hydraulic fluids, and coolants from the drill rig, vehicles, generator and steam cleaner; and 2) spent decontamination liquids stored in 55-gallon drums (DOT 1A1 or 1A2). The highest possibility of a spill from vehicles or equipment comes from refueling or equipment failures. The highest possibility of a spill from drummed liquids occurs during moving of the containers.

Spill containment supplies and equipment will be available on site to address equipment liquids. The supplies would consist of buckets, absorbent clay, hydrophillic wiping pads, and adsorbent wiping pads to handle incidental leakage of these materials.

Drums of liquid will be sealed prior to moving and will be carefully moved with equipment. Secondary containment for the staged sample drums will consist of overpack drums. The wastes will be moved off the site within 30 days.

Solid wastes consisting primarily of impacted soil will also be containerized in 55-gallon drums (DOT Type 1A1). The drums will not be moved unless the lid is secured, to prevent any release if the drum is dropped or tipped. At the staging area the drums will be stored off of the ground on pallets covered with a layer of plastic. The plastic will be pulled around the drums to create some containment. A second piece of plastic will be draped over the drums for rain protection.

A water trailer or tank truck will be on site with potable water to be used for steam cleaning and for possible suppression of fires. It is expected that a release of the water will not result in any impact to the environment. During freezing weather, the water may be intentionally drained from the tank.

# 13.0 EMERGENCY RESPONSE/CONTINGENCY PLAN

Personnel Roles/Lines of Authority

In the event of an on-site emergency during the field investigation, the ECS Site Safety Officer, or his or her designee, will serve as Emergency Coordinator. The Emergency Coordinator shall be responsible for notification and coordination with off-site services. The Emergency Coordinator has the authority to commit team resources as may be required to prevent, reduce or eliminate the emergency.

First Aid

There will be at least one individual on site at all times who is certified and current in cardiopulmonary resuscitation and first aid. This individual will provide limited services while waiting for trained medical personnel. All ECS vehicles have a small first aid kit, fire extinguisher and 5-minute escape SCBA on site for use, if necessary.

Emergency Recognition, Prevention and Reporting

The project manager and the Site Safety Officer shall be notified promptly of any on-site emergency.

Fire/Explosion

Twenty-pound dry chemical fire extinguishers shall be available on each piece of equipment. Any fire, regardless of how small or contained, must be reported to the local fire department immediately.

Procedures for a fire or explosion:

- The Emergency Coordinator shall sound the emergency site signal and notify the local fire department.
- Emergency team members shall position themselves upwind of the fire to avoid smoke and potentially toxic vapors/gases and shall use on-site fire extinguishers and shovels to contain the fire.
- Site personnel shall turn fire-fighting responsibilities over to fire department personnel upon their arrival, assisting only as specifically directed by such personnel.

In the event of an evacuation order, personnel shall assemble at the Command Post for instructions and head count by the Emergency Coordinator.

The "Buddy System" will be used for site investigation operations as well as in emergencies.

Personnel Injury/Chemical Exposure

In the event of personal injury or chemical exposure to a member of the work team, the Emergency Coordinator shall be immediately notified.

A team member must accompany injured personnel to the emergency care facility who can provide medical personnel with information relative to the injury or exposure. In the case of an exposure, the Hazard Assessment Section of this document shall be made available to the medical personnel.

If the injured person's clothing is contaminated with potentially toxic materials, remove as much clothing as possible, given the type of injury, prior to transporting. Clothing is not to be removed from burn victims. For minor injuries, normal decontamination procedures shall be followed. Care must be taken to avoid the injured area with decontamination solutions and equipment.

Spills, Leaks and Discharges

In the event of a spill, leak or discharge of contaminants which may pose a threat to human health or the environment, including nearby residents, the Emergency Coordinator shall make an immediate assessment of the threat. In performing the assessment, determination will be made whether or not the accident may result in:

- A threat to field teams requiring an increase in levels of PPE;
- A threat to residents, workers or other members of the community near the site requiring notification of the local authorities;
- A threat to uncontaminated areas requiring immediate action to protect these areas;
- An increase or change in the potential environmental hazards already present, requiring an alteration of work plans

Actions which may be appropriate pending the results of the assessment include:

- Halt all on-site work activities and/or evacuate the site;
- Call local authorities and evaluate the potential need for downwind evacuation of off-site personnel;
- Implement the spill control/reduction procedures, or request assistance from local authorities for spill control;
- Revise work plan to eliminate the need to enter critical areas;
- Abandon work until the incident has stabilized.

The assessment and response actions shall be coordinated with applicable contract and government personnel who have authority or jurisdiction on the site.

Evacuation Plan

All site personnel will be evacuated from the site if either the Site Manager or the Site Health and Safety Officer decides that personal safety of personnel is in danger. If evacuation is necessary, personnel will be notified by the site safety officer. The following procedures will apply during emergency evacuation.

Evacuation will take place through the normal contamination reduction corridor and the normal decontamination procedures will be followed.

In the event that use of the normal contamination reduction corridor is deemed unsafe, evacuation will be through the **EMERGENCY ESCAPE ROUTE** specified below. Decontamination team personnel will proceed with the Site Health and Safety Officer to the appropriate exit point to assist in decontamination of personnel.

Immediately upon completion of the decontamination procedures, personnel will proceed to the command post and assemble there for instructions.

Personnel not requiring decontamination (those outside the contamination reduction zone) will proceed immediately to the command post and assemble there for instructions.

Upon arriving at the command post assembly area, all personnel must check in with the checkpoint controls person if such is designated. All personnel responsible for emergency procedures, such as CPR, first aid, fire control, etc., will identify themselves to the Site Health and Safety Officer.

The Buddy System will be followed throughout the evacuation procedure.

Emergency Escape Route

In the event of an emergency requiring excavation of the area, workers will exit by any available route and reassemble on the closest access road. (See **Appendix A** – Maps):

Critique of the Emergency Response Plan

After the emergency is stabilized or controlled, personnel who participated in the emergency shall critique the Emergency Response Plan for effectiveness. It will then be amended as necessary to meet potential emergencies in the future. Appropriate records shall be maintained and filed with regulatory agencies as required.

Local Emergency Response Plan

Hospital (See attached map – **Appendix A**, Figure 2)

Name Rex Hospital

Address 4420 Lake Boone Trail

Raleigh, NC 27607

Phone (919) 784-3100

Directions

| | | |
|---|---|---|
| | 1. Head **northeast** on **Koppers Rd** toward **Family Farm Rd** | 0.8 mi<br>2 mins |
| ➡ | 2. Turn **right** at **Chapel Hill Rd** | 0.5 mi<br>1 min |
| ⬅ | 3. Turn **left** at **Airport Blvd** | 1.8 mi<br>3 mins |
| ➡ | 4. Turn **right** to merge onto **I-40 E** toward **Raleigh** | 4.9 mi<br>5 mins |
| ➡ | 5. Slight **right** at **Raleigh-Chapel Hill Expy** (signs for **Raleigh N/Raleigh E/Raleigh-Chapel Hill Expy**) | 2.2 mi<br>2 mins |
| | 6. Take the **Blue Ridge Rd** exit | 0.3 mi |
| ⬅ | 7. Turn **left** at **Blue Ridge Rd** | 0.9 mi<br>3 mins |
| ➡ | 8. Turn **right** at **Lake Boone Trail** | |

Ambulance

Phone (919) 840-9412

Fire Department

Phone: (919) 463-1600

Police

Job-site

Contact: Darryl Rennells

Phone (919) 625-1638

National or Regional Sources of Assistance

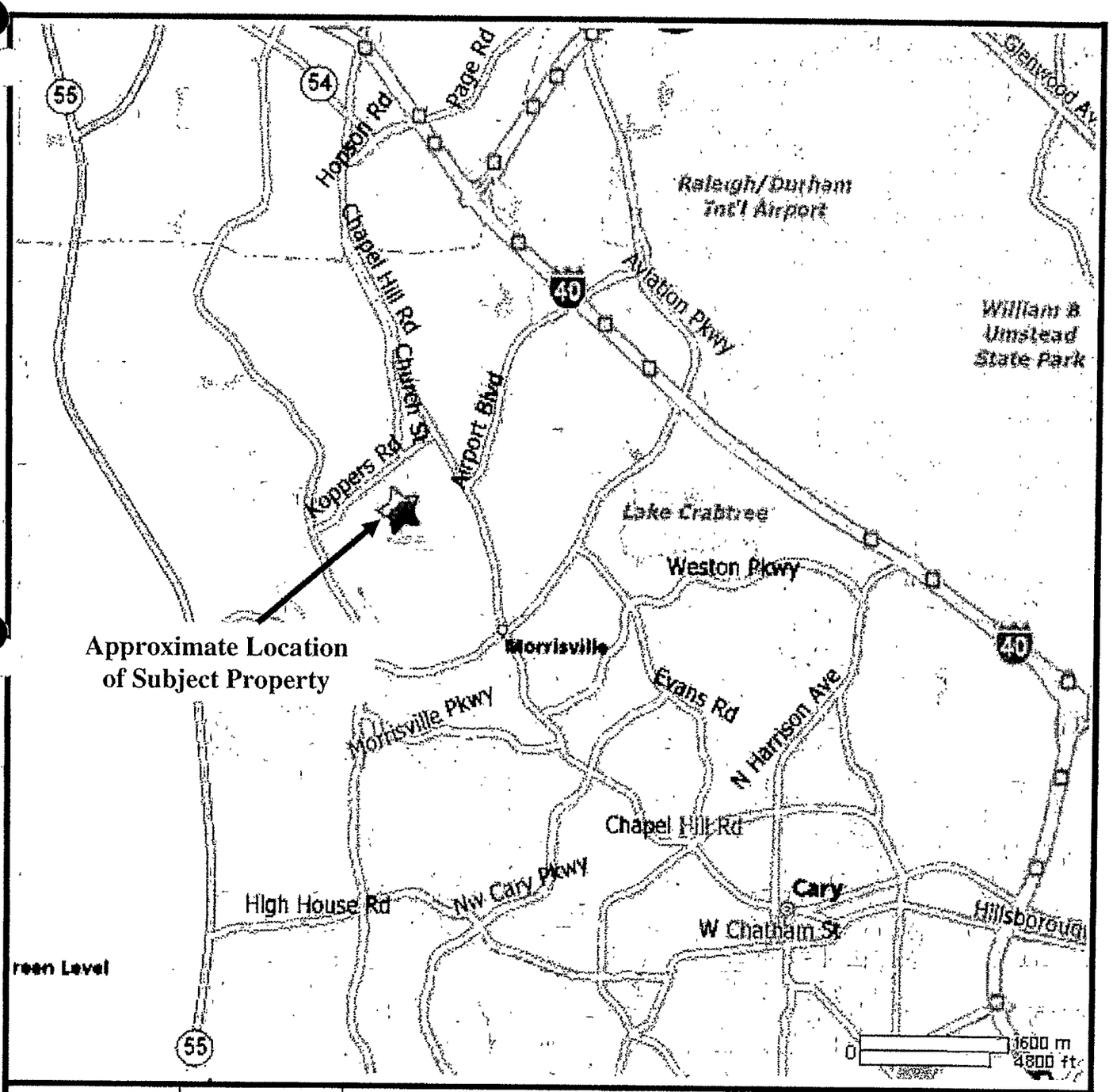
| | |
|---|---|
| ECS, Inc. Branch H&S: | 1-800-327-5832<br>1-919-861-9910 |
| ECS Corporate Health & Safety | 1-703-471-8400 |
| Chemtrec (24 hours) | 1-800-424-9300 |
| Bureau of Explosives | 1-202-293-4048 |
| Communicable Disease Center | 1-404-663-5313 |
| National Response Center | 1-800-424-8802 |
| DOT, Office of Hazardous Operations | 1-202-426-0656 |
| U.S. Coast Guard (major incidents) | 1-800-424-8802 |
| Pesticide Health Hotline | 1-800-858-7378 |
| Medical Service Network | 1-800-874-4676 |

# APPENDIX A

## MAPS

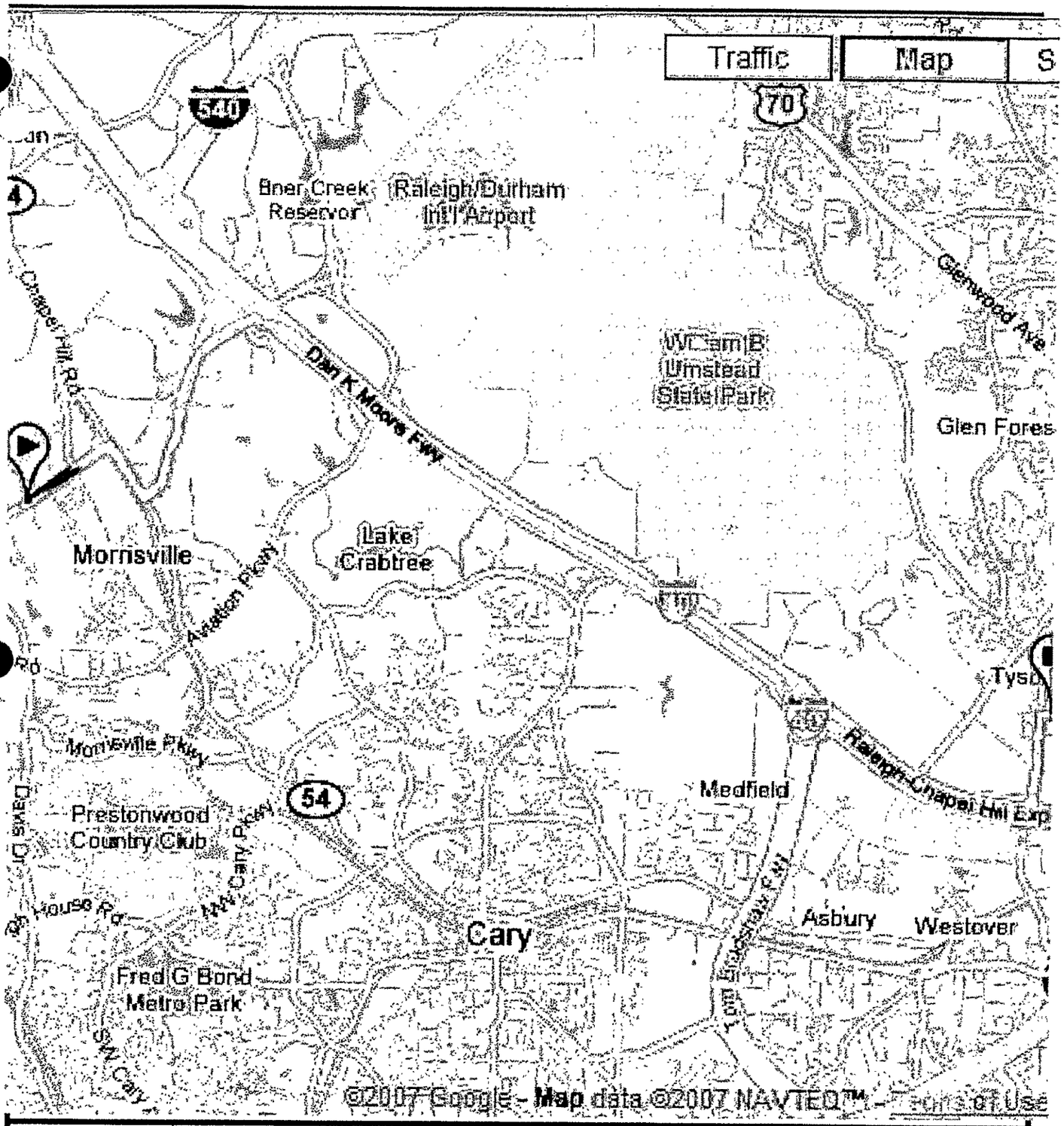
**Figure 1 – Site Map**
**Figure 2 – Hospital Map**

**Figure 1**
**Site Map**




| | | | |
|---|---|---|---|
| ECS LLP CAROLINAS | N W E S Scale as Illustrated | **Vicinity Map**<br>2007 Google Maps | **Figure No.**<br>1 |
| | | Phase I Environmental Site Assessment<br>Knichel Residence<br>223 Ropewalk Court<br>Morrisville, Wake County, North Carolina | **ECS Project #**<br>15416 |

**Figure 2**
**Hospital Map**




| | | | |
|---|---|---|---|
| ECS LLP CAROLINAS | N W E S<br>Scale: As Illustrated | **Hospital Map**<br>Google Maps | **Figure No.**<br>2 |
| | | Phase I Environmental Site Assessment<br>Knichel Residence<br>223 Ropewalk Court<br>Morrisville, Wake County, North Carolina | **ECS Project #**<br>15416 |

# APPENDIX B

# HEAT AND COLD STRESS PROTOCOL

## HEAT STRESS

Heat stress results from the buildup of body heat generated by the muscles during work, and from heat coming from warm and hot environments. When the body becomes overheated, less blood goes to the active muscles, the brain, and other internal organs. Workers become weaker, tired sooner, and less able to use good judgment, all of which affect their ability to perform their job well. As strain from heat becomes more severe, there can be a rapid rise in core body temperature and heart rate.

Workers may not realize that this is happening because there is no pain. Mental performance can be affected with an increase in body temperature of two degrees Fahrenheit above normal. An increase of five degrees Fahrenheit can result in serious illness or death. The most serious of these illnesses is heat stroke.

Some of the effects of heat stroke can include confusion, irrational behavior, convulsions, coma, and even death. Heat stroke survivors can remain sensitive to heat for months with varying degrees of brain and kidney damage. More than 20 percent of people afflicted by heat stroke die. These include even young and healthy adults, since acclimatization resistance varies with every individual. An average of 500 people are killed each year in the United States by the effects of heat. Some other common effects of heat upon worker health include the following:

**Heat exhaustion** - This can result from physical exertion in a hot environment. Its signs are a mildly elevated temperature, pallor, weak pulse, profuse sweating, and cool, moist skin.

**Heat cramps** - Usually caused by exposure to high temperatures for long periods of time with excessive loss of body salt and moisture. Even if this moisture is replaced by adequate amounts of fluids, the loss of body salt can still be the lone factor leading to cramps or exhaustion.

How to reduce exposure

Where engineering controls of heat stress are not practical or complete, another solution should be sought to keep the heat stress level of the worker within limits which will not lead to an increased risk of heat illness. Some preventative methods include the following:

- Scheduling hot jobs for a cooler part of the day
- Limiting duration of exposure time
- Enhancing the worker's heat tolerance by heat acclimatization and physical conditioning
- Training workers in health and safety procedures for work in hot environments
- Medical screening of workers to determine physical ability of those who have a low tolerance to heat extremes

OSU EHS Safety Training
Oklahoma State University

# Heat Stress

High temperatures and humidity stress the body's ability to cool itself, and heat illness becomes a special concern during hot weather. There are three major forms of heat illnesses: **heat cramps**, **heat exhaustion**, and **heat stroke**, with heat stroke being a life threatening condition.

## Heat Cramps

Heat cramps are muscle spasms which usually affect the arms, legs, or stomach. Frequently they don't occur until sometime later after work, at night, or when relaxing. Heat cramps are caused by heavy sweating, especially when water is replaced by drinking, but not salt or potassium. Although heat cramps can be quite painful, they usually don't result in permanent damage. To prevent them, drink electrolyte solutions such as Gatorade during the day and try eating more fruits like bananas.

## Heat Exhaustion

Heat exhaustion is more serious than heat cramps. It occurs when the body's internal air-conditioning system is overworked, but hasn't completely shut down. In heat exhaustion, the surface blood vessels and capillaries which originally enlarged to cool the blood collapse from loss of body fluids and necessary minerals. This happens when you don't drink enough fluids to replace what you're sweating away.

The symptoms of heat exhaustion include: headache, heavy sweating, intense thirst, dizziness, fatigue, loss of coordination, nausea, impaired judgment, loss of appetite, hyperventilation, tingling in hands or feet, anxiety, cool moist skin, weak and rapid pulse (120-200), and low to normal blood pressure.

Somebody suffering these symptoms should be moved to a cool location such as a shaded area or air-conditioned building. Have them lie down with their feet slightly elevated. Loosen their clothing, apply cool, wet cloths or fan them. Have them drink water or electrolyte drinks. Try to cool them down, and have them checked by medical personnel. Victims of heat exhaustion should avoid strenuous activity for at least a day, and they should continue to drink water to replace lost body fluids.

## Heat Stroke

Heat stroke is a life threatening illness with a high death rate. It occurs when the body has depleted its supply of water and salt, and the victim's body temperature rises to deadly levels. A heat stroke victim may first suffer heat cramps and/or the heat exhaustion before progressing into the heat stroke stage, but this is not always the case. It should be noted that, on the job, heat stroke is sometimes mistaken for heart attack. It is therefore very important to be able to recognize the signs and symptoms of heat stroke - and to check for them anytime an employee collapses while working in a hot environment.

The early symptoms of heat stroke include a high body temperature (103 degrees F); a distinct absence of sweating (usually); hot red or flushed dry skin; rapid pulse; difficulty breathing; constricted pupils; any/all the signs or symptoms of heat exhaustion such as dizziness, headache, nausea, vomiting, or confusion, but more severe; bizarre behavior; and high blood pressure. Advance symptoms may be seizure or convulsions, collapse, loss of consciousness, and a body temperature of over 108° F.

It is vital to lower a heat stroke victim's body temperature. Seconds count. Pour water on them, fan them, or apply cold packs . Call 911 and get an ambulance on the way as soon as possible.

**Anyone can suffer a heat illness, but by taking a few simple precautions, they can be prevented:**

- Condition yourself for working in hot environments - start slowly then build up to more physical work. Allow your body to adjust over a few days.
- Drink lots of liquids. Don't wait until you're thirsty, by then, there's a good chance you're already on your way to being dehydrated. Electrolyte drinks are good for replacing both water and minerals lost through sweating. Never drink alcohol, and avoid caffeinated beverages like coffee and pop.
- Take a break if you notice you're getting a headache or you start feeling overheated. Cool off for a few minutes before going back to work.
- Wear light weight, light colored clothing when working out in the sun.
- Take advantage of fans and air-conditioners.
- Get enough sleep at night.

With a little caution and common sense, you can avoid heat illnesses.

## COLD STRESS

When the body is unable to warm itself, cold related stress may result. This may include tissue damage and possibly death. Four factors contribute to cold stress: cold air temperatures, high velocity air movement, dampness of the air, and contact with cold water or surfaces. Wind chill is the combination of air temperature and wind speed. For example, when the air temperature is 40°F, and the wind speed is 35 mph, your exposed skin receives conditions equivalent to the air temperature being 11° F. While it is obvious that below freezing conditions combined with inadequate clothing could bring about cold stress, it is also important to understand that it can also be brought about by temperatures in the 50's coupled with some rain and wind.

*Hypothermia* which means "*low heat*" is a potentially serious health condition. When the core body temperature drops below the normal 98.6° F to around 95° F, the onset of symptoms normally begins. The person may begin to shiver and stomp their feet in order to generate heat. Workers may lose coordination, have slurred speech, and fumble with items in the hand. The skin will likely be pale and cold. As the body temperature continues to fall these symptoms will worsen and shivering will stop. Workers may be unable to walk or stand. Once the body temperature falls to around 85° F severe hypothermia will develop and the person may become unconscious, and at 78°, the person could die.

Anyone working in a cold environment may be at risk for cold stress. However, older people may be at more risk than younger adults, since older people are not able to generate heat as quickly. Certain medications may prevent the body from generating heat normally. These include *anti-depressants, sedatives, tranquilizers* and *others.*

For cases **of mild hypothermia** move to warm area and stay active. Remove wet clothes and replace with dry clothes or blankets, cover the head. To promote metabolism and assist in raising internal core temperature drink a warm (not hot) sugary drink. Avoid drinks with caffeine. For **more severe cases** do all the above, plus contact emergency medical personnel (Call 911 for an ambulance), cover all extremities completely, place very warm objects, such as hot packs or water bottles on the victim's head, neck, chest and groin. Arms and legs should be warmed last. In cases of **severe hypothermia** treat the worker very gently and do not apply external heat to re-warm. Hospital treatment is required.

*Frostbite* occurs when the skin actually freezes and loses water. In severe cases, amputation of the frostbitten area may be required. While frostbite usually occurs when the temperatures are 30° F or lower, wind chill factors can allow frostbite to occur in above freezing temperatures. Frostbite typically affects the extremities, particularly the feet and hands. The affected body part will be cold, tingling, stinging or aching followed by numbness. Skin color turns red, then purple, then white, and is cold to the touch. There may be blisters in severe cases.

Do not rub the area to warm it. Wrap the area in a soft cloth, move the worker to a warm area, and contact medical personnel. Do not leave the worker alone. If help is delayed, immerse in warm (maximum 105 °F), not hot, water. Do not pour water on affected part. If there is a chance that the affected part will get cold again do not warm. Warming and recooling will cause severe tissue damage.

Wearing appropriate clothing and being aware of how your body is reacting to the cold are important to preventing cold stress. Avoiding alcohol, certain medications and smoking can also help to minimize the risk.

***Protective Clothing*** is the most important way to avoid cold stress. The type of fabric also makes a difference. Cotton loses its insulation value when it becomes wet. Wool, on the other hand, retains its insulation even when wet. The following are recommendations for working in cold environments:

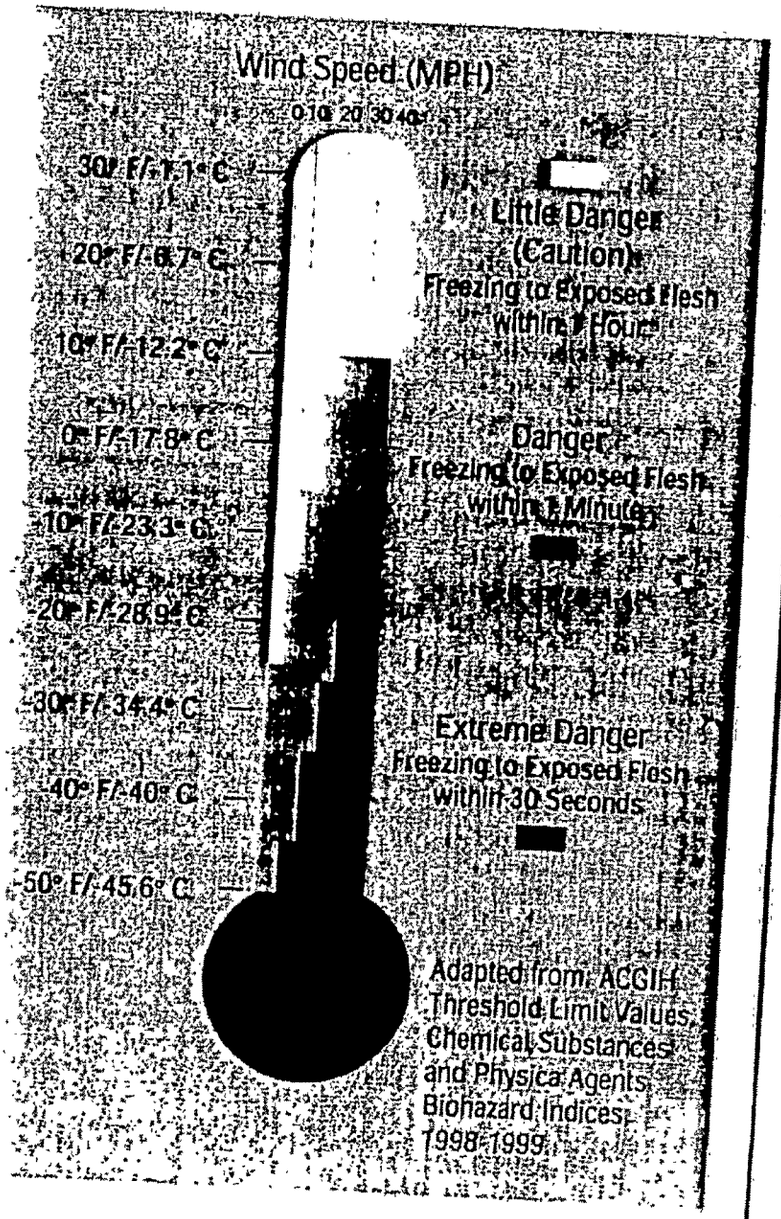
- Wear *at least three layers* of clothing. An outer layer to break the wind and allow some ventilation (like Gortex® or nylon). A middle layer of down or wool to absorb sweat and provide insulation even when wet. An inner layer of cotton or synthetic weave to allow ventilation.
- Wear a hat. Up to 40% of body heat can be lost when the head is left exposed.
- Wear insulated boots or other footwear.
- Keep a change of dry clothing available in case work clothes become wet.
- Do not wear tight clothing. Loose clothing allows better ventilation.

***Work Practices and planning are important preventative measures.*** Drink plenty of liquids, avoiding caffeine and alcohol. It is easy to become dehydrated in cold weather. If possible, heavy work should be scheduled during the warmer parts of the day. Take breaks out of the cold. Try to work in pairs to keep an eye on each other and watch for signs of cold stress. Avoid fatigue since energy is needed to keep muscles warm. Take frequent breaks and consume warm, high calorie food such as pasta to maintain energy reserves.

# THE COLD STRESS EQUATION

## LOW TEMPERATURE + WIND SPEED + WETNESS = INJURIES & ILLNESS

When the body is unable to warm itself, serious cold-related illnesses and injuries may occur, and permanent tissue damage and death may result. **Hypothermia** can occur when *land temperatures* are **above** freezing or *water temperatures* are below 98.6°F/37°C. Cold-related illnesses can slowly overcome a person who has been chilled by low temperatures, brisk winds, or wet clothing.




U.S. Department of Labor
Occupational Safety and Health Administration
OSHA 3156
1998

# HYPOTHERMIA - (Medical Emergency)

## *What Happens to the Body:*

NORMAL BODY TEMPERATURE (98.6° F/37°C ) DROPS TO OR BELOW 95°F (35°C); FATIGUE OR DROWSINESS; UNCONTROLLED SHIVERING; COOL BLUISH SKIN; SLURRED SPEECH; CLUMSY MOVEMENTS; IRRITABLE, IRRATIONAL OR CONFUSED BEHAVIOR.

## *What Should Be Done: (land temperatures)*

- Call for emergency help (i.e., Ambulance or Call 911).
- Move the person to a warm, dry area. Don't leave the person alone. Remove any wet clothing and replace with warm, dry clothing or wrap the person in blankets.
- Have the person drink warm, sweet drinks (sugar water or sports-type drinks) if they are alert. **Avoid drinks with caffeine** (coffee, tea, or hot chocolate) or alcohol.
- Have the person move their arms and legs to create muscle heat. If they are unable to do this, place warm bottles or hot packs in the arm pits, groin, neck, and head areas. **DO NOT** rub the person's body or place them in warm water bath. This may stop their heart.

## *What Should Be Done: (water temperatures)*

- Call for emergency help (Ambulance or Call 911). Body heat is lost up to 25 times faster in water.
- **DO NOT** remove any clothing. Button, buckle, zip, and tighten any collars, cuffs, shoes, and hoods because the layer of trapped water closest to the body provides a layer of insulation that slows the loss of heat. Keep the head out of the water and put on a hat or hood.
- Get out of the water as quickly as possible or climb on anything floating. **DO NOT** attempt to swim unless a floating object or another person can be reached because swimming or other physical activity uses the body's heat and reduces survival time by about 50 percent.
- If getting out of the water is not possible, wait quietly and conserve body heat by folding arms across the chest, keeping thighs together, bending knees, and crossing ankles. If another-person is in the water, huddle together with chests held closely.

# FROST BITE

## *What Happens to the Body:*

FREEZING IN DEEP LAYERS OF SKIN AND TISSUE; PALE, WAXY-WHITE SKIN COLOR; SKIN BECOMES HARD and NUMB; USUALLY AFFECTS THE FINGERS, HANDS, TOES, FEET, EARS, and NOSE.

## *What Should Be Done: (land temperatures)*

- Move the person to a warm dry area. Don't leave the person alone.
- Remove any wet or tight clothing that may cut off blood flow to the affected area.
- **DO NOT** rub the affected area, because rubbing causes damage to the skin and tissue.
- **Gently** place the affected area in a warm (105°F) water bath and monitor the water temperature to **slowly** warm the tissue. Don't pour warm water directly on the affected area because it will warm the tissue too fast causing tissue damage. Warming takes about 25-40 minutes.
- After the affected area has been warmed, it may become puffy and blister. The affected area may have a burning feeling or numbness. When normal feeling, movement, and skin color have returned, the affected area should be dried and wrapped to keep it warm. **NOTE:** If there is a chance the affected area may get cold again, do not warm the skin. If the skin is warmed and then becomes cold again, it will cause severe tissue damage.
- Seek medical attention as soon as possible.

## *How to Protect Workers*

- Recognize the environmental and workplace conditions that lead to potential cold-induced illnesses and injuries.
- Learn the signs and symptoms of cold-induced illnesses/injuries and what to do to help the worker.
- Train the workforce about cold-induced illnesses and injuries.
- Select proper clothing for cold, wet, and windy conditions. Layer clothing to adjust to changing environmental temperatures. Wear a hat and gloves, in addition to underwear that will keep water away from the skin (polypropylene).
- Take frequent short breaks in warm dry shelters to allow the body to warm up.
- Perform work during the warmest part of the day.
- Avoid exhaustion or fatigue because energy is needed to keep muscles warm.
- Use the buddy system (work in pairs).
- Drink warm, sweet beverages (sugar water, sports-type drinks). Avoid drinks with caffeine (coffee, tea, or hot chocolate) or alcohol.
- Eat warm, high-calorie foods like hot pasta dishes.

## *Workers Are at Increased Risk When...*

- They have predisposing health conditions such as cardiovascular disease, diabetes, and hypertension.
- They take certain medication (check with your doctor, nurse, or pharmacy and ask if any medicines you are taking affect you while working in cold environments).
- They are in poor physical condition, have a poor diet, or are older.

# APPENDIX C

## AMENDMENTS TO SITE SPECIFIC HEALTH AND SAFETY PLAN

## APPENDIX C AMENDMENTS TO SITE SPECIFIC HEALTH AND SAFETY PLAN

This Site Specific Health & Safety Plan is based on information available at the time of preparation. Unexpected conditions may arise. It is important that personnel protective measures be thoroughly assessed by the Project Manager prior to and during the planned activities. Unplanned activities and/or changes in the hazard status should initiate a review of, and possible changes to, this Health and Safety Plan.

**Changes in field activities or hazards:**

**Proposed Amendments:**

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Proposed By: _____ Date:_____

Approved By: _____ Date:_____
(Project Manager)

Approved By: _____ Date:_____
(Branch Health & Safety Officer)

Amendment Number:_____

Effective Date:_____

# APPENDIX D

## CERTIFICATION OF SITE PERSONNEL

## APPENDIX D CERTIFICATION OF SITE PERSONNEL

By signing below, I certify that I have read this Health & Safety Plan and am familiar with its provisions and my own proposed activities and responsibilities on site.

| NAME (Signed) | DATE |
|---|---|
| [illegible] | 10/19/07 |
| Sandra K Miller | 10/19/07 |
| [illegible] | 10/15/07 |
| Christina [illegible] | 10/19/07 |
| Christina [illegible] | 10/23/07 |
| [illegible] | 10/23/07 |
| Sandra Miller | 10/23/07 |
| Robert Bal[illegible] | 10/23/07 |

APPENDIX E

MEDICAL SURVEILLANCE AND TRAINING STATUS OF PERSONNEL

APPENDIX E MEDICAL SURVEILLANCE AND TRAINING STATUS OF PERSONNEL

| NAME | 40 HOUR TRAINING | 8 HOUR UPDATE | MANAGER TRAINING | 3 DAY SUPER | PHYSICAL | RESPIRATOR TRAINING | RESPIRATOR FIT TEST | CPR | FIRST AID |
|---|---|---|---|---|---|---|---|---|---|
| Sandy Miller | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | |
| Chris Vienne | ✓ | ✓ | | | ✓ | ✓ | ✓ | | |
| Christina Broen | ✓ | ✓ | | | ✓ | ✓ | ✓ | | |
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# APPENDIX F

## SITE SAFETY MEETINGS

## APPENDIX F SITE SAFETY MEETINGS

Site Safety Meetings will be held at regular intervals, including at the beginning of site activities and at the beginning of each day's activities. Personnel in attendance at each meeting must sign and date the Site Safety Meeting Attendance Roster.

Meeting Date: 10/19/07

Meeting Topic: H + S

Presenter:

| SIGNATURE | DATE |
|---|---|
| [illegible] | 10/19/07 |
| Sandra K Miller | 10-19-07 |
| [illegible] | 10-19-07 |
| Christina Bu | 10-19-07 |
| [illegible] | 10-19-07 |

Meeting Date: 10-23-07

Meeting Topic: H and S

Presenter:

| SIGNATURE | DATE |
|---|---|
| [illegible] | 10-23-07 |
| Sandra K Miller | 10-23-07 |
| Christina Bu | 10-23-07 |
| [illegible] | 10-23-07 |

## APPENDIX F SITE SAFETY MEETINGS

Site Safety Meetings will be held at regular intervals, including at the beginning of site activities and at the beginning of each day's activities. Personnel in attendance at each meeting must sign and date the Site Safety Meeting Attendance Roster.

Meeting Date: 10-24-07

Meeting Topic: H + S

Presenter: Ryan Conchilla

| SIGNATURE | DATE |
|---|---|
| Sandra Miller | 10-24-07 |
| BC | 10-24-07 |
| Christina Bu | 10-24-07 |
| [illegible] | 10-24-07 |

Meeting Date: 10.29.07

Meeting Topic: H+S

Presenter: Ryan Conchilla

| SIGNATURE | DATE |
|---|---|
| [illegible] | 10.29.07 |
| BC | 10/29/07 |

## APPENDIX F SITE SAFETY MEETINGS

Site Safety Meetings will be held at regular intervals, including at the beginning of site activities and at the beginning of each day's activities. Personnel in attendance at each meeting must sign and date the Site Safety Meeting Attendance Roster.

Meeting Date: 10/30/07

Meeting Topic: H+S

Presenter: Ryan Conchitta

| SIGNATURE | DATE |
|---|---|
| [illegible] | 9:40 |
| [illegible] | 9:48 |
| [illegible] | 9:48 |
| [illegible] | 9:48 |
| Sandra Miller | 9:50 |
| | |
| | |

Meeting Date:

Meeting Topic:

Presenter:

| SIGNATURE | DATE |
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# APPENDIX G

## HAZARDOUS SUBSTANCE INFORMATION FORM

# NIOSH Pocket Guide to Chemical Hazards

| | |
|---|---|
| **Ethyl benzene** | **CAS** 100-41-4 |
| $CH_3CH_2C_6H_5$ | **RTECS** DA0700000 |
| **Synonyms & Trade Names**<br>Ethylbenzol, Phenylethane | **DOT ID & Guide**<br>1175 129 |

| | |
|---|---|
| **Exposure Limits** | NIOSH REL: TWA 100 ppm (435 mg/m$^3$) ST 125 ppm (545 mg/m$^3$) |
| | OSHA PEL†: TWA 100 ppm (435 mg/m$^3$) |
| **IDLH** 800 ppm [10%LEL] See: 100414 | **Conversion** 1 ppm = 4.34 mg/m$^3$ |

**Physical Description**
Colorless liquid with an aromatic odor.

| | | | |
|---|---|---|---|
| MW: 106.2 | BP: 277°F | FRZ: -139°F | Sol: 0.01% |
| VP: 7 mmHg | IP: 8.76 eV | | Sp.Gr: 0.87 |
| Fl.P: 55°F | UEL: 6.7% | LEL: 0.8% | |

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

**Incompatibilities & Reactivities**
Strong oxidizers

**Measurement Method**
Charcoal tube; $CS_2$; Gas chromatography/Flame ionization detection; IV [#1501, Aromatic Hydrocarbons] See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: N.R.

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Water flush promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH/OSHA
Up to 800 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing

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| back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus |
| **Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact |
| **Symptoms** irritation eyes, nose; fatigue, weakness, confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); nervousness, muscle fatigue, insomnia; paresthesia; dermatitis; liver, kidney damage |
| **Target Organs** Eyes, skin, respiratory system, central nervous system, liver, kidneys |
| See also: INTRODUCTION See ICSC CARD: 0078 See MEDICAL TESTS: 0232 |

# NIOSH Pocket Guide to Chemical Hazards

| | |
|---|---|
| **m-Xylene** | **CAS** 108-38-3 |
| $C_6H_4(CH_3)_2$ | **RTECS** ZE2275000 |
| **Synonyms & Trade Names**<br>1,3-Dimethylbenzene; meta-Xylene; m-Xylol | **DOT ID & Guide**<br>1307 130 |

| | |
|---|---|
| **Exposure Limits** | NIOSH REL: TWA 100 ppm (435 mg/m$^3$) ST 150 ppm (655 mg/m$^3$) |
| | OSHA PEL†: TWA 100 ppm (435 mg/m$^3$) |
| **IDLH** 900 ppm See: IDLH INDEX | **Conversion** 1 ppm = 4.34 mg/m$^3$ |

**Physical Description**
Colorless liquid with an aromatic odor.

| | | | |
|---|---|---|---|
| MW: 106.2 | BP: 282°F | FRZ: -54°F | Sol: Slight |
| VP: 9 mmHg | IP: 8.56 eV | | Sp.Gr: 0.86 |
| Fl.P: 82°F | UEL: 7.0% | LEL: 1.1% | |

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

**Incompatibilities & Reactivities**
Strong oxidizers, strong acids

**Measurement Method**
Charcoal tube; $CS_2$; Gas chromatography/Flame ionization detection; IV [#1501, Aromatic Hydrocarbons] See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: N.R.

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH/OSHA
Up to 900 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

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| **Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact |
| **Symptoms** irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis |
| **Target Organs** Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys |
| See also: INTRODUCTION See ICSC CARD: 0084 |

# NIOSH Pocket Guide to Chemical Hazards

## Gasoline

**CAS** 8006-61-9

**RTECS** LX3300000

**Synonyms & Trade Names**
Motor fuel, Motor spirits, Natural gasoline, Petrol [Note: A complex mixture of volatile hydrocarbons (paraffins, cycloparaffins & aromatics).]

**DOT ID & Guide**
1203 128

**Exposure Limits**
NIOSH REL: Ca See Appendix A
OSHA PEL†: none

**IDLH** Ca [N.D.] See: IDLH INDEX

**Conversion** 1 ppm 2.95 mg/m$^3$ (approx)

**Physical Description**
Clear liquid with a characteristic odor.

| | | | |
|---|---|---|---|
| MW: 72 (approx) | BP: 102°F | FRZ: ? | Sol: Insoluble |
| VP: 38-300 mmHg | IP: ? | | Sp.Gr(60°F): 0.72-0.76 |
| Fl.P: -45°F | UEL: 7.6% | LEL: 1.4% | |

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

**Incompatibilities & Reactivities**
Strong oxidizers such as peroxides, nitric acid & perchlorates

**Measurement Method**
None available See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: N.R.
Provide: Eyewash, Quick drench

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Soap flush immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

**Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact

**Symptoms** irritation eyes, skin, mucous membrane; dermatitis; headache, fatigue, blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonia (aspiration liquid); possible

liver, kidney damage; [Potential occupational carcinogen]

**Target Organs** Eyes, skin, respiratory system, central nervous system, liver, kidneys

**Cancer Site** [in animals: liver & kidney cancer]

See also: INTRODUCTION

# NIOSH Pocket Guide to Chemical Hazards

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|---|---|
| **Toluene** | **CAS** 108-88-3 |
| $C_6H_5CH_3$ | **RTECS** XS5250000 |
| **Synonyms & Trade Names**<br>Methyl benzene, Methyl benzol, Phenyl methane, Toluol | **DOT ID & Guide**<br>1294 130 |

| | |
|---|---|
| **Exposure Limits** | NIOSH REL: TWA 100 ppm (375 mg/m$^3$) ST 150 ppm (560 mg/m$^3$) |
| | OSHA PEL†: TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak) |
| **IDLH** 500 ppm See: 108883 | **Conversion** 1 ppm = 3.77 mg/m$^3$ |

**Physical Description**
Colorless liquid with a sweet, pungent, benzene-like odor.

| | | | |
|---|---|---|---|
| MW: 92.1 | BP: 232°F | FRZ: -139°F | Sol(74°F): 0.07% |
| VP: 21 mmHg | IP: 8.82 eV | | Sp.Gr: 0.87 |
| Fl.P: 40°F | UEL: 7.1% | LEL: 1.1% | |

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

**Incompatibilities & Reactivities**
Strong oxidizers

**Measurement Method**
Charcoal tube; $CS_2$; Gas chromatography/Flame ionization detection; IV [#1500, Hydrocarbons]
[Also #4000, #1501] See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: N.R.

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH
Up to 500 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or

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| apparatus |
| **Exposure Routes** inhalation, ingestion, skin and/or eye contact |
| **Symptoms** irritation eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma |
| **Target Organs** Eyes, skin, respiratory system, central nervous system |
| See also: INTRODUCTION See ICSC CARD: 0268 See MEDICAL TESTS: 0098 |

# NIOSH Pocket Guide to Chemical Hazards

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|---|---|
| **Benzene** | **CAS** 71-43-2 |
| $C_6H_6$ | **RTECS** CY1400000 |
| **Synonyms & Trade Names**<br>Benzol, Phenyl hydride | **DOT ID & Guide**<br>1114 130 |

| | |
|---|---|
| **Exposure Limits** | NIOSH REL: Ca TWA 0.1 ppm ST 1 ppm See Appendix A |
| | OSHA PEL: [1910.1028] TWA 1 ppm ST 5 ppm See Appendix F |
| **IDLH** Ca [500 ppm] See: 71432 | **Conversion** 1 ppm = 3.19 mg/m$^3$ |

**Physical Description**
Colorless to light-yellow liquid with an aromatic odor. [Note: A solid below 42°F.]

| | | | |
|---|---|---|---|
| MW: 78.1 | BP: 176°F | FRZ: 42°F | Sol: 0.07% |
| VP: 75 mmHg | IP: 9.24 eV | | Sp.Gr: 0.88 |
| Fl.P: 12°F | UEL: 7.8% | LEL: 1.2% | |

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

**Incompatibilities & Reactivities**
Strong oxidizers, many fluorides & perchlorates, nitric acid

**Measurement Method**
Charcoal tube; $CS_2$; Gas chromatography/Flame ionization detection; IV [#1500, Hydrocarbons]
[Also #3700, #1501] See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: N.R.
Provide: Eyewash, Quick drench

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

**Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact

**Symptoms** irritation eyes, skin, nose, respiratory system; giddiness; headache, nausea, staggered gait; fatigue, anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depressant/depression;

[Potential occupational carcinogen]

**Target Organs** Eyes, skin, respiratory system, blood, central nervous system, bone marrow

**Cancer Site** [leukemia]

See also: INTRODUCTION See ICSC CARD: 0015 See MEDICAL TESTS: 0022

# NIOSH Pocket Guide to Chemical Hazards

| | |
|---|---|
| **o-Xylene** | **CAS** 95-47-6 |
| $C_6H_4(CH_3)_2$ | **RTECS** ZE2450000 |
| **Synonyms & Trade Names**<br>1,2-Dimethylbenzene; ortho-Xylene; o-Xylol | **DOT ID & Guide**<br>1307 130 |

| | |
|---|---|
| **Exposure Limits** | NIOSH REL: TWA 100 ppm (435 mg/m$^3$) ST 150 ppm (655 mg/m$^3$) |
| | OSHA PEL†: TWA 100 ppm (435 mg/m$^3$) |
| **IDLH** 900 ppm See: 95476 | **Conversion** 1 ppm = 4.34 mg/m$^3$ |

**Physical Description**
Colorless liquid with an aromatic odor.

| | | | |
|---|---|---|---|
| MW: 106.2 | BP: 292°F | FRZ: -13°F | Sol: 0.02% |
| VP: 7 mmHg | IP: 8.56 eV | | Sp.Gr: 0.88 |
| Fl.P: 90°F | UEL: 6.7% | LEL: 0.9% | |

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

**Incompatibilities & Reactivities**
Strong oxidizers, strong acids

**Measurement Method**
Charcoal tube; $CS_2$; Gas chromatography/Flame ionization detection; IV [#1501, Aromatic Hydrocarbons] See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: N.R.

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH/OSHA
Up to 900 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

**Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact

**Symptoms** irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis

**Target Organs** Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

See also: INTRODUCTION See ICSC CARD: 0085

# NIOSH Pocket Guide to Chemical Hazards

## p-Xylene

$C_6H_4(CH_3)_2$

**CAS** 106-42-3

**RTECS** ZE2625000

**Synonyms & Trade Names**
1,4-Dimethylbenzene; para-Xylene; p-Xylol

**DOT ID & Guide**
1307 130

**Exposure Limits**

NIOSH REL: TWA 100 ppm (435 mg/m$^3$) ST 150 ppm (655 mg/m$^3$)

OSHA PEL†: TWA 100 ppm (435 mg/m$^3$)

**IDLH** 900 ppm See: IDLH INDEX

**Conversion** 1 ppm = 4.41 mg/m$^3$

**Physical Description**
Colorless liquid with an aromatic odor. [Note: A solid below 56°F.]

| | | | |
|---|---|---|---|
| MW: 106.2 | BP: 281°F | FRZ: 56°F | Sol: 0.02% |
| VP: 9 mmHg | IP: 8.44 eV | | Sp.Gr: 0.86 |
| Fl.P: 81°F | UEL: 7.0% | LEL: 1.1% | |

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

**Incompatibilities & Reactivities**
Strong oxidizers, strong acids

**Measurement Method**
Charcoal tube; $CS_2$; Gas chromatography/Flame ionization detection; IV [#1501, Aromatic Hydrocarbons] See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: N.R.

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH/OSHA
Up to 900 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

**Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact

**Symptoms** irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis

**Target Organs** Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

See also: INTRODUCTION See ICSC CARD: 0086

# NIOSH Pocket Guide to Chemical Hazards

## Naphthalene

| | |
|---|---|
| $C_{10}H_8$ | **CAS** 91-20-3 |
| **Synonyms & Trade Names**<br>Naphthalin, Tar camphor, White tar | **RTECS** QJ0525000 |
| | **DOT ID & Guide**<br>1334 133 (crude or refined)<br>2304 133 (molten) |

| | |
|---|---|
| **Exposure Limits** | NIOSH REL: TWA 10 ppm (50 mg/m$^3$) ST 15 ppm (75 mg/m$^3$) |
| | OSHA PEL†: TWA 10 ppm (50 mg/m$^3$) |
| **IDLH** 250 ppm See: 91203 | **Conversion** 1 ppm = 5.24 mg/m$^3$ |

**Physical Description**
Colorless to brown solid with an odor of mothballs. [Note: Shipped as a molten solid.]

| | | | |
|---|---|---|---|
| MW: 128.2 | BP: 424°F | MLT: 176°F | Sol: 0.003% |
| VP: 0.08 mmHg | IP: 8.12 eV | | Sp.Gr: 1.15 |
| Fl.P: 174°F | UEL: 5.9% | LEL: 0.9% | |

Combustible Solid, but will take some effort to ignite.

**Incompatibilities & Reactivities**
Strong oxidizers, chromic anhydride

**Measurement Method**
Charcoal tube; $CS_2$; Gas chromatography/Flame ionization detection; IV [#1501, Aromatic Hydrocarbons] See: NMAM INDEX

**Personal Protection & Sanitation**
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily

**First Aid** (See procedures)
Eye: Irrigate immediately
Skin: Molten flush immediately/solid-liquid soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

**Respirator Recommendations** NIOSH/OSHA
Up to 100 ppm: (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s) in combination with a dust and mist filter*/(APF = 10) Any supplied-air respirator*
Up to 250 ppm: (APF = 25) Any supplied-air respirator operated in a continuous-flow mode*/(APF = 50) Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s) in combination with a high-efficiency particulate filter/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s) in combination with a dust and mist filter*/(APF = 50) Any self-contained breathing apparatus with a full facepiece/(APF = 50) Any supplied-air respirator with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or

other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having a high-efficiency particulate filter/Any appropriate escape-type, self-contained breathing apparatus

**Exposure Routes** inhalation, skin absorption, ingestion, skin and/or eye contact

**Symptoms** irritation eyes; headache, confusion, excitement, malaise (vague feeling of discomfort); nausea, vomiting, abdominal pain; irritation bladder; profuse sweating; jaundice; hematuria (blood in the urine), hemoglobinuria, renal shutdown; dermatitis, optical neuritis, corneal damage

**Target Organs** Eyes, skin, blood, liver, kidneys, central nervous system

See also: INTRODUCTION See MEDICAL TESTS: 0152

# APPENDIX H

## PERSONNEL SITE ACTIVITY LOG

## APPENDIX H PERSONNEL SITE ACTIVITY LOG

All individuals must sign in and out when entering and leaving the site.

| DATE | NAME | ACTIVITY | RESPIRATORY PROTECTION | TIME IN | TIME OUT |
|---|---|---|---|---|---|
| 10-19-07 | Sandy Miller | hand auger/soil samp | D | 0830 | 1510 |
| 10-19-07 | Chris Dionne | hand auger | D | 8:30 | 1510 |
| 10-19-07 | Christina Breen | PID | D | 8[illegible] | 1510 |
| 10-19-07 | Ryan Conchiglia | Auger | D | 8:30 | 1510 |
| 10-23-07 | Christina Breen | PID/auger | D | 8:00 | |
| 10-23-07 | Ryan Conchiglia | PID/Auger | D | 8:00 | |
| 10-23-07 | Sandy Miller | " | D | 0800 | 1700 |
| 10-23-07 | Rohit Bal | " | D | 8:30 | |
| 10-24-07 | Sandra K Miller | PID/Auger | D | 0830 | 1700 |
| 10-24-07 | Christina Br | PID/Auger | D | 0830 | |
| 10-24-07 | [illegible] | PID/Auger | D | 0830 | |
| 10-24-07 | [illegible] | Auger Man | D | 830 | |
| 10-29-07 | Rohit Bal | PID/Auger/sampler | D | 1300 | |
| 10/29 | [illegible] | — " — | D | 1300 | |
| 10/30 | [illegible] | — — — | D | 9:40 | |
| 10/30 | [illegible] | — — — | D | 9:40 | |
| 10/30 | [illegible] | " | D | 9:40 | |
| 10/30 | Rohit Bal | " | D | 9:40 | |

10-23-07
[illegible]
hand auger
D
8:30 - 4:30

# APPENDIX I

## CONFINED SPACE ENTRY PROTOCOL

# APPENDIX E

# QA/QC LETTER FROM ESC

# Environmental Science Corporation

Mount Juliet, TN

Mr. Ryan Conchilla
ECS Carolinas
9001 Glenwood Ave
Raleigh, NC 27617 - 7505

November 12, 2007

**RE: L317465, L317258, L316660, L316468:**

The samples noted above were sent to Environmental Science Corporation (ESC) for the analysis of method SW-846 8260. The samples were analyzed in accordance with the method. ESC screens the volatile samples with a photoionization detector (PID). This detector allows ESC to get a rough estimate of the amount of contaminates in the sample. Based upon these readings and any previous analytical runs the samples are diluted. ESC strives to minimize the size of the dilution to get detection levels as low as possible, however some dilutions are necessary to maintain sample validity. The dilutions are required to prevent carry over from sample to sample in the sample sequence. Dilutions are also needed to prevent trap, column, or detector overload. Please feel free to contact me with any further questions.

William Mock
Vice President of Laboratory Operations
Environmental Science Corporation

# Environmental Science Corporation

Mount Juliet, TN

Mr. Ryan Conchilla
ECS Carolinas
9001 Glenwood Ave
Raleigh, NC 27617 - 7505
January 15, 2008

**RE: L317258-25 and L317465-53:**

The samples noted above were sent to Environmental Science Corporation (ESC) for the analysis of method SW-846 8260. The samples were analyzed in accordance with the method. The sample data was reviewed by the analyst and the Quality Assurance department and it was determined the samples met ESC QA/QC requirements. The client called about unusual levels of Ethyl benzene and Xylenes in trip blank samples. The data was evaluated by a senior chemist in an attempt to determine the likely source of the compounds.

L317258-25:

Sample was analyzed twice. The first analytical run was VOCMS20 on October 31 at 4:34 am. The sample contained detectable levels of Ethylbenzene and Xylenes. The four preceding samples and instrument blanks did not show detectable levels of these compounds. It is ESC practice to analyze trip blank samples with detectable levels again to confirm the results. The sample was analyzed on October 31 at 10:45 am on VOCMS2 to confirm the results. The re-run yielded detectable amounts of Ethylbenzene and Xylene. The four preceding samples and instrument blanks did contain detectable levels of the noted compounds.

L317465-53:

Sample was analyzed twice. The first analytical run was VOCMS2 on October 31 at 11:47 pm. The sample contained detectable levels of Ethylbenzene and Xylenes. The seven preceding samples and instrument blanks did not show detectable levels of these compounds. It is ESC practice to analyze trip blank samples with detectable levels again to confirm the results. The sample was analyzed on November 01 at 10:12 am on VOCMS2 to confirm the results. The re-run yielded detectable amounts of Ethylbenzene and Xylene. The four preceding samples and instrument blanks did contain detectable levels of the noted compounds.

Carryover and instrument contamination can be ruled out as a source using the above information. For sampling group L317465 multiple trip blanks were analyzed and most did not have contamination which makes the possibility of the trip blank already having been contaminated an unlikely event. Some of the samples in both events contained high amounts of these compounds and this could be a source for the contamination possibly due to placement at the job site. Please call with any further questions.

William Mock
Vice President of Laboratory Operations
Environmental Science Corporation