

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\  
 Data File : VX000960.D  
 Acq On : 17 Apr 2018 09:38  
 Operator : JC/MD  
 Sample : J2349-13  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF012RW162-180411

Manual Integrations  
 APPROVED

MMDadoda  
 4/18/2018 2:45:13 PM

Quant Time: Apr 17 12:03:22 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.68  | 168  | 253212   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 349156   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 320723   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 199785   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 156580   | 49.04 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.08% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 123563   | 45.93 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.86% |          |
| 50) Toluene-d8              | 8.72  | 98   | 488099   | 48.73 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.46% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 183330   | 44.24 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.48% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 4) Vinyl Chloride          | 1.41  | 62   | 122425   | 44.41 | ug/l  | 97     |
| 12) 1,1-Dichloroethene     | 2.38  | 96   | 2608     | 1.12  | ug/l  | 95     |
| 27) cis-1,2-Dichloroethene | 4.60  | 96   | 271722   | 93.43 | ug/l  | 90     |
| 39) Methylcyclohexane      | 7.46  | 83   | 2409     | 0.52  | ug/l  | 95     |
| 40) Benzene                | 6.15  | 78   | 9791     | 0.92  | ug/l  | 100    |
| 44) Trichloroethene        | 7.22  | 130  | 4844     | 1.46  | ug/l  | 86     |
| 65) Chlorobenzene          | 10.15 | 112  | 134583   | 16.68 | ug/l  | 99     |
| 87) 1,3-Dichlorobenzene    | 12.04 | 146  | 1497     | 0.22  | ug/l  | 98     |
| 91) 1,2-Dichlorobenzene    | 12.40 | 146  | 18464    | 2.78  | ug/l  | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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