

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\  
 Data File : VU026981.D  
 Acq On : 21 Sep 2018 20:52  
 Operator : MD/SY  
 Sample : J4916-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 FC-MW03SR1-20180911

Manual Integrations  
 APPROVED

MMDadoda  
 9/24/2018 2:14:15 PM

Quant Time: Sep 22 04:21:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 22 01:31:57 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 4.99   | 168  | 76981    | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89   | 114  | 157477   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.09   | 117  | 156790   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.48  | 152  | 81061    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.31   | 65   | 89521    | 57.78   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 115.56% |          |
| 35) Dibromofluoromethane    | 4.88   | 113  | 66818    | 48.95   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 97.90%  |          |
| 50) Toluene-d8              | 7.57   | 98   | 254215   | 48.87   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 97.74%  |          |
| 62) 4-Bromofluorobenzene    | 10.31  | 95   | 91958    | 51.52   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 103.04% |          |
| Target Compounds            |        |      |          |         |         |          |
|                             |        |      |          |         | Qvalue  |          |
| 6) Chloroethane             | 1.70   | 64   | 86222    | 83.425  | ug/l    | 97       |
| 12) 1,1-Dichloroethene      | 2.29   | 96   | 2032     | 1.911   | ug/l    | 95       |
| 24) 1,1-Dichloroethane      | 3.45   | 63   | 7787     | 3.065   | ug/l    | 97       |
| 27) cis-1,2-Dichloroethene  | 4.23   | 96   | 2534     | 1.977   | ug/l    | 94       |
| 39) Methylcyclohexane       | 6.42   | 83   | 39853    | 17.449  | ug/l    | 97       |
| 40) Benzene                 | 5.40   | 78   | 5418     | 0.848   | ug/l    | 93       |
| 67) Ethyl Benzene           | 9.25   | 91   | 722925   | 105.749 | ug/l    | 100      |
| 68) m/p-Xylenes             | 9.38   | 106  | 2761m    | 2.483   | ug/l    |          |
| 73) Isopropylbenzene        | 10.17  | 105  | 219500   | 35.597  | ug/l    | 100      |
| 78) n-propylbenzene         | 10.59  | 91   | 288178   | 39.498  | ug/l    | 100      |
| 83) tert-Butylbenzene       | 11.10  | 119  | 13725    | 2.727   | ug/l    | 89       |
| 84) 1,2,4-Trimethylbenzene  | 11.15  | 105  | 15713    | 3.033   | ug/l    | 100      |
| 85) sec-Butylbenzene        | 11.32  | 105  | 66140    | 10.767  | ug/l    | 99       |
| 86) p-Isopropyltoluene      | 11.48  | 119  | 6306     | 2.001   | ug/l    | 93       |
| 89) n-Butylbenzene          | 11.89  | 91   | 31227    | 7.714   | ug/l #  | 74       |
| 91) 1,2-Dichlorobenzene     | 11.88  | 146  | 29308    | 9.840   | ug/l    | 98       |
| 95) Naphthalene             | 13.74  | 128  | 732454   | 107.144 | ug/l    | 99       |

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

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