

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\  
 Data File : VX008645.D  
 Acq On : 04 Apr 2019 18:50  
 Operator : JC/SP  
 Sample : K2275-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S8-0712

Manual Integrations  
 APPROVED

MMDadoda  
 4/5/2019 11:12:21 AM

Quant Time: Apr 05 11:34:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|----------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 217848   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 356465   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 310867   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 132827   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 145055   | 45.65    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 91.30% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 106437   | 46.70    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 93.40% |          |
| 50) Toluene-d8              | 8.71  | 98   | 449630   | 49.55    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 99.10% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 151840   | 47.18    | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =        | 94.36% |          |
| Target Compounds            |       |      |          |          |        |          |
|                             |       |      |          |          | Qvalue |          |
| 16) Acetone                 | 2.45  | 43   | 5596     | 3.058    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene  | 4.60  | 96   | 1423     | 0.454    | ug/l   | 91       |
| 31) Cyclohexane             | 5.58  | 56   | 247816   | 45.140   | ug/l   | 100      |
| 39) Methylcyclohexane       | 7.46  | 83   | 378237   | 78.579   | ug/l   | 98       |
| 40) Benzene                 | 6.14  | 78   | 43224    | 3.724    | ug/l   | 98       |
| 52) Toluene                 | 8.79  | 92   | 16565    | 2.420    | ug/l   | 95       |
| 65) Chlorobenzene           | 10.14 | 112  | 40924    | 5.939    | ug/l   | 99       |
| 67) Ethyl Benzene           | 10.26 | 91   | 3788560  | 294.843  | ug/l   | 97       |
| 68) m/p-Xylenes             | 10.37 | 106  | 5030113  | 1088.761 | ug/l   | 89       |
| 69) o-Xylene                | 10.69 | 106  | 264083   | 58.982   | ug/l   | 100      |
| 73) Isopropylbenzene        | 11.02 | 105  | 449652   | 40.849   | ug/l   | 100      |
| 78) n-propylbenzene         | 11.36 | 91   | 519808   | 40.556   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 11.51 | 105  | 861771   | 93.264   | ug/l   | 99       |
| 83) tert-Butylbenzene       | 11.77 | 119  | 7673m    | 0.863    | ug/l   |          |
| 84) 1,2,4-Trimethylbenzene  | 11.80 | 105  | 2350195  | 251.191  | ug/l   | 98       |
| 85) sec-Butylbenzene        | 11.94 | 105  | 44404m   | 4.205    | ug/l   |          |
| 86) p-Isopropyltoluene      | 12.06 | 119  | 54724    | 5.774    | ug/l   | 99       |
| 95) Naphthalene             | 13.83 | 128  | 902315   | 82.550   | ug/l   | 100      |

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

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