

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\  
 Data File : VX010970.D  
 Acq On : 18 Jul 2019 19:39  
 Operator : JC/SP  
 Sample : K3884-10  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FL-0630

Manual Integrations  
 APPROVED

MMDadoda  
 7/22/2019 12:23:43 PM

Quant Time: Jul 19 04:44:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 17 06:57:45 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 242361   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 372998   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 344380   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 169449   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 133720   | 51.86   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 103.72% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 117265   | 49.53   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 99.06%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 451395   | 50.83   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 101.66% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 166454   | 51.00   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 102.00% |          |
| Target Compounds            |       |      |          |         |         |          |
|                             |       |      |          |         | Qvalue  |          |
| 31) Cyclohexane             | 5.59  | 56   | 978458   | 279.495 | ug/l    | 99       |
| 39) Methylcyclohexane       | 7.46  | 83   | 634823   | 159.776 | ug/l    | 97       |
| 67) Ethyl Benzene           | 10.25 | 91   | 1447847  | 120.257 | ug/l    | 100      |
| 68) m/p-Xylenes             | 10.36 | 106  | 965897   | 209.146 | ug/l    | 99       |
| 69) o-Xylene                | 10.69 | 106  | 17315    | 3.842   | ug/l    | 94       |
| 73) Isopropylbenzene        | 11.02 | 105  | 179624   | 15.688  | ug/l    | 100      |
| 78) n-propylbenzene         | 11.36 | 91   | 245189   | 19.381  | ug/l    | 99       |
| 80) 1,3,5-Trimethylbenzene  | 11.51 | 105  | 529683   | 55.364  | ug/l    | 100      |
| 83) tert-Butylbenzene       | 11.77 | 119  | 10865m   | 1.156   | ug/l    |          |
| 84) 1,2,4-Trimethylbenzene  | 11.80 | 105  | 3746564  | 388.530 | ug/l    | 100      |
| 85) sec-Butylbenzene        | 11.94 | 105  | 59595m   | 5.412   | ug/l    |          |
| 86) p-Isopropyltoluene      | 12.06 | 119  | 74954    | 7.363   | ug/l    | 99       |
| 89) n-Butylbenzene          | 12.37 | 91   | 84164    | 9.664   | ug/l #  | 17       |
| 95) Naphthalene             | 13.83 | 128  | 1136791  | 104.576 | ug/l    | 100      |

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

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