

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX070819\  
 Data File : VX010721.D  
 Acq On : 09 Jul 2019 01:56  
 Operator : JC/SP  
 Sample : K3690-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS038MW050-190703

Manual Integrations  
 APPROVED

MMDadoda  
 7/9/2019 11:23:52 AM

Quant Time: Jul 09 09:23:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 221539   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 345181   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 322761   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 161715   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 110137   | 53.02  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.04% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 104408   | 49.44  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.88%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 424036   | 52.48  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.96% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 147622   | 50.61  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.22% |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 11) Tert butyl alcohol      | 3.04  | 59   | 2984     | 5.490  | ug/l #  | 74       |
| 16) Acetone                 | 2.45  | 43   | 5568     | 5.349  | ug/l #  | 87       |
| 31) Cyclohexane             | 5.59  | 56   | 2750     | 0.917  | ug/l    | 93       |
| 65) Chlorobenzene           | 10.13 | 112  | 131381   | 20.050 | ug/l    | 99       |
| 73) Isopropylbenzene        | 11.02 | 105  | 48188    | 4.396  | ug/l    | 99       |
| 78) n-propylbenzene         | 11.36 | 91   | 3382     | 0.281  | ug/l    | 99       |
| 83) tert-Butylbenzene       | 11.77 | 119  | 65309    | 7.200  | ug/l    | 91       |
| 85) sec-Butylbenzene        | 11.94 | 105  | 136105   | 12.780 | ug/l #  | 55       |
| 87) 1,3-Dichlorobenzene     | 12.02 | 146  | 3184     | 0.596  | ug/l    | 91       |
| 88) 1,4-Dichlorobenzene     | 12.10 | 146  | 7516m    | 1.382  | ug/l    |          |
| 91) 1,2-Dichlorobenzene     | 12.39 | 146  | 2177     | 0.410  | ug/l    | 97       |

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

