

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\  
 Data File : VX012510.D  
 Acq On : 19 Sep 2019 06:11  
 Operator : JC/SP  
 Sample : K4887-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z2-0158

Quant Time: Sep 19 15:13:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091719W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 17 15:27:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 194989   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 304333   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 256272   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 102141   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 127566   | 45.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.30%  |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 90635    | 49.20 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.40%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 351496   | 51.55 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.10% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 126346   | 44.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.26%  |          |

| Target Compounds        | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------|-------|------|----------|--------|--------|--------|
| 31) Cyclohexane         | 5.57  | 56   | 7827     | 4.055  | ug/l # | 94     |
| 39) Methylcyclohexane   | 7.45  | 83   | 3660     | 2.036  | ug/l # | 79     |
| 40) Benzene             | 6.14  | 78   | 17479    | 2.972  | ug/l   | 92     |
| 67) Ethyl Benzene       | 10.25 | 91   | 6103     | 0.840  | ug/l   | 91     |
| 73) Isopropylbenzene    | 11.01 | 105  | 106186   | 16.569 | ug/l   | 100    |
| 78) n-propylbenzene     | 11.35 | 91   | 62527    | 8.754  | ug/l   | 100    |
| 83) tert-Butylbenzene   | 11.77 | 119  | 4069     | 0.695  | ug/l   | 72     |
| 85) sec-Butylbenzene    | 11.94 | 105  | 19890    | 3.082  | ug/l   | 88     |
| 91) 1,2-Dichlorobenzene | 12.39 | 146  | 1930     | 0.628  | ug/l   | 81     |

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

