

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\  
 Data File : VX012449.D  
 Acq On : 17 Sep 2019 22:14  
 Operator : JC/SP  
 Sample : K4858-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE103D1-20190909

Quant Time: Sep 18 08:41:30 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  | 153701   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 248423   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 212471   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 88980    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 107923   | 48.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.98%  |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 75813    | 50.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.84% |          |
| 50) Toluene-d8              | 8.71  | 98   | 287255   | 51.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.22% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 106287   | 46.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.00%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc     | Units  | Qvalue |
|-------------------------------|------|------|----------|----------|--------|--------|
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101  | 15404    | 12.716   | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 7669     | 7.936    | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 3.69 | 63   | 3208     | 1.273    | ug/l # | 96     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 6300     | 4.203    | ug/l   | 81     |
| 30) Chloroform                | 5.20 | 83   | 3127     | 1.080    | ug/l # | 81     |
| 44) Trichloroethene           | 7.21 | 130  | 1910586  | 1512.808 | ug/l   | 96     |
| 49) 1,4-Dioxane               | 7.74 | 88   | 1860     | 38.976   | ug/l   | 93     |
| 55) 1,1,2-Trichloroethane     | 9.21 | 97   | 1505     | 0.944    | ug/l   | 89     |
| 64) Tetrachloroethene         | 9.33 | 164  | 9707     | 9.970    | ug/l   | 97     |

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

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