

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\  
 Data File : VX013442.D  
 Acq On : 15 Nov 2019 13:39  
 Operator : JC/SP  
 Sample : K5884-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S36-0164

Quant Time: Nov 16 00:27:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 733446   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 1186027  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 1046763  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 469143   | 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   | 428592   | 49.32 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.64% |          |
| 35) Dibromofluoromethane    | 5.48  | 113  | 353871   | 47.57 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.14% |          |
| 50) Toluene-d8              | 8.71  | 98   | 1392827  | 49.67 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.34% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 466434   | 46.08 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.16% |          |

| Target Compounds             | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|------------------------------|-------|------|----------|--------|--------|--------|
| 4) Vinyl Chloride            | 1.40  | 62   | 44461    | 4.261  | ug/l   | 99     |
| 12) 1,1-Dichloroethene       | 2.36  | 96   | 2353     | 0.350  | ug/l # | 74     |
| 16) Acetone                  | 2.43  | 43   | 7941     | 1.832  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene | 3.15  | 96   | 28812    | 3.933  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene   | 4.58  | 96   | 334534   | 40.768 | ug/l   | 89     |
| 40) Benzene                  | 6.13  | 78   | 90743    | 2.863  | ug/l   | 99     |
| 44) Trichloroethene          | 7.21  | 130  | 3719     | 0.426  | ug/l   | 85     |
| 65) Chlorobenzene            | 10.14 | 112  | 1086429  | 51.265 | ug/l   | 99     |
| 87) 1,3-Dichlorobenzene      | 12.02 | 146  | 3857     | 0.261  | ug/l   | 87     |
| 88) 1,4-Dichlorobenzene      | 12.09 | 146  | 43532    | 2.891  | ug/l   | 91     |

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

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