

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\  
 Data File : VX007557.D  
 Acq On : 14 Feb 2019 20:21  
 Operator : JC/SP  
 Sample : K1474-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 KY001MW079-190211

Quant Time: Feb 15 10:10:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X020119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 02 01:32:36 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 558142   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 840297   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 805034   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 461809   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 288364   | 48.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.36%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 266413   | 48.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.46%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 1035145  | 51.03 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.06% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 448414   | 60.55 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 121.10% |          |

| Target Compounds            | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-----------------------------|-------|------|----------|---------|--------|--------|
| 19) Methyl tert-butyl Ether | 3.20  | 73   | 1095071  | 63.428  | ug/l # | 89     |
| 31) Cyclohexane             | 5.59  | 56   | 426609   | 51.785  | ug/l   | 98     |
| 39) Methylcyclohexane       | 7.46  | 83   | 543058   | 59.533  | ug/l   | 94     |
| 40) Benzene                 | 6.15  | 78   | 13735060 | 618.445 | ug/l   | 99     |
| 52) Toluene                 | 8.79  | 92   | 39504    | 2.757   | ug/l   | 98     |
| 67) Ethyl Benzene           | 10.25 | 91   | 18504939 | 654.112 | ug/l # | 37     |
| 68) m/p-Xylenes             | 10.37 | 106  | 4938539  | 439.149 | ug/l   | 97     |
| 69) o-Xylene                | 10.70 | 106  | 3808750  | 351.972 | ug/l   | 100    |
| 73) Isopropylbenzene        | 11.02 | 105  | 10062038 | 320.627 | ug/l   | 96     |
| 78) n-propylbenzene         | 11.36 | 91   | 11879712 | 345.212 | ug/l   | 93     |
| 80) 1,3,5-Trimethylbenzene  | 11.51 | 105  | 5065539  | 197.298 | ug/l   | 99     |
| 84) 1,2,4-Trimethylbenzene  | 11.67 | 105  | 9719356  | 372.878 | ug/l   | 81     |
| 85) sec-Butylbenzene        | 11.94 | 105  | 549501   | 17.861  | ug/l   | 97     |
| 86) p-Isopropyltoluene      | 12.07 | 119  | 158427   | 5.705   | ug/l # | 78     |
| 89) n-Butylbenzene          | 12.38 | 91   | 772491   | 32.334  | ug/l # | 30     |
| 95) Naphthalene             | 13.83 | 128  | 10538567 | 338.375 | ug/l   | 97     |

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

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