

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\  
 Data File : VW008101.D  
 Acq On : 09 Jan 2019 14:24  
 Operator : SY/AP  
 Sample : K1071-06  
 Misc : 5.07G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CPSB-15(20-25)

Quant Time: Jan 10 06:24:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010819S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 09 04:40:48 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 88313    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 152374   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 132450   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 61687    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 51445    | 51.83 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.66% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 46363    | 52.17 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.34% |          |
| 50) Toluene-d8              | 10.32 | 98   | 194839   | 52.24 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.48% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 65824    | 49.23 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.46%  |          |

| Target Compounds            | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                 | 4.12  | 43   | 105313   | 621.726 | ug/l   | 95     |
| 17) Carbon Disulfide        | 4.37  | 76   | 18510    | 6.127   | ug/l   | 99     |
| 19) Methyl tert-butyl Ether | 5.42  | 73   | 5605     | 3.565   | ug/l # | 81     |
| 25) 2-Butanone              | 7.17  | 43   | 29376    | 106.372 | ug/l   | 95     |
| 39) Methylcyclohexane       | 9.34  | 83   | 21683    | 10.895  | ug/l   | 97     |
| 40) Benzene                 | 8.32  | 78   | 12287    | 2.886   | ug/l   | 97     |
| 73) Isopropylbenzene        | 12.47 | 105  | 16581    | 3.424   | ug/l   | 100    |
| 78) n-propylbenzene         | 12.80 | 91   | 27925    | 4.706   | ug/l   | 99     |
| 85) sec-Butylbenzene        | 13.39 | 105  | 50066    | 9.707   | ug/l   | 86     |
| 89) n-Butylbenzene          | 13.83 | 91   | 22980    | 5.268   | ug/l # | 83     |

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

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