

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\  
 Data File : VD063517.D  
 Acq On : 13 Aug 2019 6:28  
 Operator : JC/SY  
 Sample : K4095-07  
 Misc : 5.89g/5ml/MSVOA D/SOIL  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SU-04-080919-B

Quant Time: Aug 13 09:37:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 907386   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1325863  | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 976643   | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 413267   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 460008   | 47.43 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 94.86% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 85788    | 7.68  | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 15.36% |          |
| 50) Toluene-d8              | 10.42 | 98   | 953769   | 38.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 77.70% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 367034   | 32.99 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 65.98% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 16) Acetone                | 3.22  | 43   | 176856   | 89.699 | ug/l # | 88     |
| 17) Carbon Disulfide       | 3.38  | 76   | 38004    | 1.642  | ug/l   | 99     |
| 20) Methylene Chloride     | 3.82  | 84   | 67587    | 7.927  | ug/l # | 87     |
| 52) Toluene                | 10.52 | 92   | 38998    | 2.347  | ug/l   | 87     |
| 68) m/p-Xylenes            | 12.66 | 106  | 28613    | 2.559  | ug/l   | 80     |
| 69) o-Xylene               | 13.05 | 106  | 23455    | 2.179  | ug/l   | 76     |
| 80) 1,3,5-Trimethylbenzene | 13.93 | 105  | 56959    | 2.480  | ug/l   | 95     |
| 84) 1,2,4-Trimethylbenzene | 14.24 | 105  | 211197   | 9.938  | ug/l   | 93     |
| 89) n-Butylbenzene         | 14.80 | 91   | 25069m   | 1.118  | ug/l   |        |
| 95) Naphthalene            | 16.13 | 128  | 118537   | 9.641  | ug/l   | 98     |

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

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