

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\  
 Data File : VD062442.D  
 Acq On : 17 May 2019 16:38  
 Operator : FY/SY  
 Sample : K2880-02  
 Misc : 5.95µ/5mL/MSVOA D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 RBR-251608

Quant Time: May 18 00:05:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D050719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 14:26:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene          | 7.04  | 168  | 8456     | 50.00   | ug/l   | 0.02     |
| 34) 1,4-Difluorobenzene        | 8.22  | 114  | 10632    | 50.00   | ug/l   | 0.03     |
| 63) Chlorobenzene-d5           | 12.38 | 117  | 10082    | 50.00   | ug/l   | 0.02     |
| 72) 1,4-Dichlorobenzene-d4     | 14.52 | 152  | 4690     | 50.00   | ug/l   | 0.01     |
| System Monitoring Compounds    |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4      | 7.45  | 65   | 3870     | 49.25   | ug/l   | 0.02     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 98.50% |          |
| 35) Dibromofluoromethane       | 6.91  | 113  | 3774     | 42.78   | ug/l   | 0.02     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 85.56% |          |
| 50) Toluene-d8                 | 10.42 | 98   | 6673     | 31.37   | ug/l   | 0.02     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 62.74% |          |
| 62) 4-Bromofluorobenzene       | 13.56 | 95   | 3971     | 46.49   | ug/l   | 0.01     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 92.98% |          |
| Target Compounds               |       |      |          |         |        |          |
|                                |       |      |          |         | Qvalue |          |
| 16) Acetone                    | 3.19  | 43   | 1862     | 112.988 | ug/l # | 50       |
| 25) 2-Butanone                 | 6.09  | 43   | 224      | 12.462  | ug/l # | 56       |
| 37) Ethyl Acetate              | 6.09  | 43   | 224      | 6.059   | ug/l # | 64       |
| 43) Isopropyl Acetate          | 8.89  | 43   | 257      | 4.902   | ug/l # | 43       |
| 76) 1,2,3-Trichloropropane     | 13.56 | 75   | 1391     | 24.957  | ug/l # | 42       |
| 81) trans-1,4-Dichloro-2-buten | 13.56 | 75   | 1391     | 88.403  | ug/l # | 16       |

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

