

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\  
 Data File : VD062396.D  
 Acq On : 15 May 2019 18:58  
 Operator : FY/SY  
 Sample : K2822-04  
 Misc : 5.06g/5mL/MSVOA D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 S-4

Quant Time: May 16 03:58:54 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      | 7.05  | 168  | 17429    | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 29925    | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 18347    | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 7246     | 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   | 19808    | 122.29 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =      | 244.58% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 13804    | 55.60  | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =      | 111.20% |          |
| 50) Toluene-d8              | 10.41 | 98   | 21856    | 36.51  | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =      | 73.02%  |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 8163     | 33.96  | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =      | 67.92%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 5) Bromomethane                | 2.16  | 94   | 380      | 13.700  | ug/l # | 12     |
| 10) Methyl Iodide              | 3.31  | 142  | 921      | 3.500   | ug/l # | 87     |
| 16) Acetone                    | 3.22  | 43   | 543      | 15.986  | ug/l # | 50     |
| 20) Methylene Chloride         | 3.82  | 84   | 654      | 4.611   | ug/l # | 51     |
| 25) 2-Butanone                 | 5.94  | 43   | 212      | 5.722   | ug/l # | 56     |
| 36) 1,1-Dichloropropene        | 7.06  | 75   | 723      | 2.947   | ug/l # | 40     |
| 38) Carbon Tetrachloride       | 7.04  | 117  | 1437     | 4.232   | ug/l # | 12     |
| 76) 1,2,3-Trichloropropane     | 13.56 | 75   | 3213     | 37.311  | ug/l # | 42     |
| 81) trans-1,4-Dichloro-2-buten | 13.56 | 75   | 3213     | 132.167 | ug/l # | 16     |
| 90) Hexachloroethane           | 15.15 | 117  | 705      | 6.437   | ug/l # | 20     |
| 95) Naphthalene                | 16.13 | 128  | 1157     | 6.224   | ug/l # | 70     |

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

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