

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052319\  
 Data File : VD062520.D  
 Acq On : 23 May 2019 14:20  
 Operator : VA/AP  
 Sample : K2996-02RE  
 Misc : 6.20g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P-2(0.5-1.0)RE

Quant Time: May 24 01:43:38 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D052019S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 21 03:32:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 508849   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 690828   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 468490   | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 174858   | 50.00 | ug/l  | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 198595   | 36.46 | ug/l   | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 72.92% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 244881   | 39.29 | ug/l   | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 78.58% |          |
| 50) Toluene-d8              | 10.41 | 98   | 469238   | 34.41 | ug/l   | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 68.82% |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 191259   | 32.06 | ug/l   | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 64.12% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 31) Cyclohexane            | 6.94  | 56   | 14415    | 2.803 | ug/l   | 93     |
| 39) Methylcyclohexane      | 8.85  | 83   | 30114    | 5.528 | ug/l # | 89     |
| 40) Benzene                | 7.44  | 78   | 18198    | 1.405 | ug/l   | 98     |
| 68) m/p-Xylenes            | 12.67 | 106  | 10017    | 1.798 | ug/l # | 72     |
| 73) Isopropylbenzene       | 13.40 | 105  | 11371    | 1.032 | ug/l   | 93     |
| 78) n-propylbenzene        | 13.77 | 91   | 18471    | 1.447 | ug/l   | 96     |
| 84) 1,2,4-Trimethylbenzene | 14.23 | 105  | 23636    | 2.417 | ug/l   | 91     |
| 95) Naphthalene            | 16.12 | 128  | 15060    | 2.981 | ug/l # | 78     |

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

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