

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\  
 Data File : VD061561.D  
 Acq On : 3 Apr 2019 17:50  
 Operator : VA/AP  
 Sample : K2209-01  
 Misc : 6.66g/5ml/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E-6

Quant Time: Apr 04 01:50:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 28 09:22:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 21143    | 50.00 | ug/l  | 0.04     |
| 34) 1,4-Difluorobenzene    | 8.23  | 114  | 42260    | 50.00 | ug/l  | 0.04     |
| 63) Chlorobenzene-d5       | 12.38 | 117  | 34513    | 50.00 | ug/l  | 0.03     |
| 72) 1,4-Dichlorobenzene-d4 | 14.54 | 152  | 13169    | 50.00 | ug/l  | 0.03     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.46  | 65   | 14250    | 78.90 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 157.80% |          |
| 35) Dibromofluoromethane    | 6.94  | 113  | 17069    | 52.85 | ug/l    | 0.04     |
| Spiked Amount               |       |      | Recovery | =     | 105.70% |          |
| 50) Toluene-d8              | 10.42 | 98   | 35941    | 46.40 | ug/l    | 0.04     |
| Spiked Amount               |       |      | Recovery | =     | 92.80%  |          |
| 62) 4-Bromofluorobenzene    | 13.57 | 95   | 15461    | 52.05 | ug/l    | 0.03     |
| Spiked Amount               |       |      | Recovery | =     | 104.10% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 5) Bromomethane                | 2.14  | 94   | 262      | 7.814   | ug/l # | 10     |
| 10) Methyl Iodide              | 3.33  | 142  | 1170     | 6.176   | ug/l # | 38     |
| 16) Acetone                    | 3.21  | 43   | 5287     | 113.872 | ug/l   | 97     |
| 20) Methylene Chloride         | 3.83  | 84   | 4628     | 16.507  | ug/l # | 80     |
| 36) 1,1-Dichloropropene        | 7.05  | 75   | 1081     | 2.931   | ug/l # | 38     |
| 38) Carbon Tetrachloride       | 7.04  | 117  | 1256     | 2.963   | ug/l # | 10     |
| 76) 1,2,3-Trichloropropane     | 13.57 | 75   | 5275     | 27.730  | ug/l # | 42     |
| 81) trans-1,4-Dichloro-2-buten | 13.57 | 75   | 5275     | 90.947  | ug/l # | 18     |
| 88) 1,4-Dichlorobenzene        | 14.56 | 146  | 543      | 1.210   | ug/l # | 25     |
| 93) 1,2,4-Trichlorobenzene     | 15.96 | 180  | 218      | 1.268   | ug/l # | 11     |
| 95) Naphthalene                | 16.14 | 128  | 628      | 2.396   | ug/l # | 70     |

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

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