

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\  
 Data File : VD061473.D  
 Acq On : 1 Apr 2019 17:24  
 Operator : VA/AP  
 Sample : K2178-08  
 Misc : 5.28g/5ml/MSVOA D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VOC-17

Quant Time: Apr 02 02:02:57 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  | 528560   | 50.00  | ug/l   | 0.03     |
| 34) 1,4-Difluorobenzene     | 8.22  | 114  | 885682   | 50.00  | ug/l   | 0.03     |
| 63) Chlorobenzene-d5        | 12.37 | 117  | 627689   | 50.00  | ug/l   | 0.01     |
| 72) 1,4-Dichlorobenzene-d4  | 14.51 | 152  | 166876   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 205656   | 45.55  | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.10% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 337854   | 49.92  | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.84% |          |
| 50) Toluene-d8              | 10.41 | 98   | 657929   | 40.53  | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 81.06% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 201087   | 32.30  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 64.60% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 3.22  | 43   | 58821    | 50.677 | ug/l   | 92       |
| 20) Methylene Chloride      | 3.82  | 84   | 33358    | 3.338  | ug/l   | 88       |
| 64) Tetrachloroethene       | 11.25 | 164  | 9537     | 1.936  | ug/l   | 94       |

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

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