

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\  
 Data File : VD061944.D  
 Acq On : 22 Apr 2019 17:47  
 Operator : VA/AP  
 Sample : K2202-01  
 Misc : 8.07g/5ml/MSVOA D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SA-06-041819-A

Quant Time: Apr 22 23:33:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 18 13:49:04 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|--------------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene          | 7.05  | 168  | 5322     | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.21  | 114  | 14246    | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 12.37 | 117  | 10895    | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 14.52 | 152  | 11803    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4      | 7.45  | 65   | 11643    | 261.03 | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =      | 522.06% |          |
| 35) Dibromofluoromethane       | 6.93  | 113  | 9264     | 86.07  | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =      | 172.14% |          |
| 50) Toluene-d8                 | 10.41 | 98   | 3717     | 14.58  | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =      | 29.16%  |          |
| 62) 4-Bromofluorobenzene       | 13.55 | 95   | 9548     | 92.37  | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =      | 184.74% |          |
| Target Compounds               |       |      |          |        |         |          |
| 5) Bromomethane                | 2.16  | 94   | 552      | 60.834 | ug/l #  | 12       |
| 10) Methyl Iodide              | 3.33  | 142  | 194      | 5.416  | ug/l #  | 37       |
| 16) Acetone                    | 3.19  | 43   | 1095     | 99.608 | ug/l #  | 50       |
| 20) Methylene Chloride         | 3.81  | 84   | 800      | 11.069 | ug/l #  | 85       |
| 81) trans-1,4-Dichloro-2-buten | 13.55 | 75   | 3621     | 70.606 | ug/l #  | 16       |

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

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