

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\  
 Data File : VD060364.D  
 Acq On : 13 Nov 2018 16:55  
 Operator : JC/SY  
 Sample : J5889-06RE  
 Misc : 10.45g/5ml/MSVOA D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 14 11:13:01 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 06 13:56:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene          | 6.41   | 168  | 10018    | 50.00   | ug/l    | -0.02    |
| 34) 1,4-Difluorobenzene        | 7.44   | 114  | 16422    | 50.00   | ug/l    | -0.02    |
| 63) Chlorobenzene-d5           | 11.29  | 117  | 16295    | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.37  | 152  | 7022     | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.77   | 65   | 5856     | 81.64   | ug/l    | -0.03    |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 163.28% |          |
| 35) Dibromofluoromethane       | 6.32   | 113  | 5362     | 43.79   | ug/l    | -0.02    |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 87.58%  |          |
| 50) Toluene-d8                 | 9.46   | 98   | 12420    | 34.65   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 69.30%  |          |
| 62) 4-Bromofluorobenzene       | 12.43  | 95   | 5413     | 41.68   | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =       | 83.36%  |          |
| Target Compounds               |        |      |          |         |         |          |
| 5) Bromomethane                | 2.16   | 94   | 184      | 10.008  | ug/l #  | 2        |
| 16) Acetone                    | 3.16   | 43   | 2369     | 190.397 | ug/l #  | 55       |
| 20) Methylene Chloride         | 3.71   | 84   | 957      | 8.671   | ug/l #  | 68       |
| 36) 1,1-Dichloropropene        | 6.40   | 75   | 266      | 1.640   | ug/l #  | 41       |
| 38) Carbon Tetrachloride       | 6.41   | 117  | 191      | 1.269   | ug/l #  | 12       |
| 81) trans-1,4-Dichloro-2-buten | 12.43  | 75   | 2121     | 88.691  | ug/l #  | 15       |

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

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