

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD121418\  
 Data File : VD060589.D  
 Acq On : 14 Dec 2018 22:40  
 Operator : VA/AP  
 Sample : J6397-02  
 Misc : 4.52g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EB10\_12-14

Quant Time: Dec 14 23:25:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D120518S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 06 01:49:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.39  | 168  | 4803     | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 7.43  | 114  | 8108     | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 11.28 | 117  | 10675    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.36 | 152  | 6015     | 50.00 | ug/l  | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.77  | 65   | 11344    | 333.22 | ug/l    | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 666.44% |          |
| 35) Dibromofluoromethane    | 6.31  | 113  | 9425     | 158.26 | ug/l    | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 316.52% |          |
| 50) Toluene-d8              | 9.44  | 98   | 18781    | 108.98 | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 217.96% |          |
| 62) 4-Bromofluorobenzene    | 12.42 | 95   | 8496     | 137.77 | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 275.54% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane               | 1.78  | 50   | 204      | 4.134   | ug/l # | 43     |
| 5) Bromomethane                | 2.16  | 94   | 615      | 62.418  | ug/l # | 4      |
| 14) Allyl chloride             | 3.54  | 41   | 194      | 4.259   | ug/l # | 37     |
| 16) Acetone                    | 3.15  | 43   | 4543     | 832.526 | ug/l # | 54     |
| 18) Methyl Acetate             | 3.56  | 43   | 820      | 63.227  | ug/l # | 64     |
| 20) Methylene Chloride         | 3.72  | 84   | 1530     | 28.624  | ug/l # | 35     |
| 52) Toluene                    | 9.54  | 92   | 2699     | 21.319  | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 12.42 | 75   | 3807     | 200.280 | ug/l # | 14     |
| 95) Naphthalene                | 14.96 | 128  | 877      | 5.696   | ug/l # | 70     |

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

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