

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\  
 Data File : VF061948.D  
 Acq On : 14 Mar 2019 19:44  
 Operator : VA/AP  
 Sample : K1911-04  
 Misc : 4.21g/5mL/MSVOA-F/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 RBR200051

Quant Time: Mar 15 01:51:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F030419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 05 04:50:44 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 4.86  | 168  | 222209   | 50.00  | ug/l    | -0.02    |
| 34) 1,4-Difluorobenzene     | 5.59  | 114  | 367333   | 50.00  | ug/l    | -0.02    |
| 63) Chlorobenzene-d5        | 9.77  | 117  | 293921   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.54 | 152  | 168396   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 4.84  | 65   | 97235    | 60.09  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 120.18% |          |
| 35) Dibromofluoromethane    | 4.10  | 113  | 143283   | 55.89  | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 111.78% |          |
| 50) Toluene-d8              | 7.55  | 98   | 373547   | 49.03  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.06%  |          |
| 62) 4-Bromofluorobenzene    | 11.41 | 95   | 156209   | 52.34  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.68% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.23  | 43   | 13039    | 38.466 | ug/l    | 98       |
| 20) Methylene Chloride      | 2.18  | 84   | 16019m   | 3.623  | ug/l    |          |
| 52) Toluene                 | 7.62  | 92   | 20963    | 3.907  | ug/l    | 100      |
| 68) m/p-Xylenes             | 10.13 | 106  | 3857     | 1.076  | ug/l #  | 69       |
| 95) Naphthalene             | 14.46 | 128  | 79840    | 12.739 | ug/l    | 98       |

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

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