

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\  
 Data File : VF061486.D  
 Acq On : 23 Jan 2019 16:46  
 Operator : VA/AP  
 Sample : K1223-04  
 Misc : 4.97g/5mL/MSVOA-F/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 TS-P

Quant Time: Jan 24 03:26:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F011519S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 04:51:59 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 4.87  | 168  | 153666   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.60  | 114  | 266033   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.77  | 117  | 174124   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.55 | 152  | 54209    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 4.84  | 65   | 107777   | 56.81   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 113.62% |          |
| 35) Dibromofluoromethane    | 4.11  | 113  | 114458   | 54.52   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 109.04% |          |
| 50) Toluene-d8              | 7.55  | 98   | 220022   | 38.25   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 76.50%  |          |
| 62) 4-Bromofluorobenzene    | 11.41 | 95   | 71999    | 26.79   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 53.58%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 16) Acetone                 | 2.23  | 43   | 27662    | 72.680  | ug/l    | 96       |
| 25) 2-Butanone              | 4.32  | 43   | 87748    | 138.639 | ug/l    | 94       |
| 86) p-Isopropyltoluene      | 12.46 | 119  | 11803    | 2.875   | ug/l    | 93       |

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

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