

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\  
 Data File : VF062764.D  
 Acq On : 28 May 2019 16:58  
 Operator : FY/SY  
 Sample : K3054-04  
 Misc : 14.76g/5mL/MSVOA F/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 CULVER-CBTC-WC3A-052419

Quant Time: May 29 02:20:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F051619S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 05:49:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.07  | 168  | 837295   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.79  | 114  | 1393429  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.93  | 117  | 1117888  | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 485565   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.05  | 65   | 251452   | 42.50 | ug/l   | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 85.00% |          |
| 35) Dibromofluoromethane    | 4.32  | 113  | 483190   | 45.32 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.64% |          |
| 50) Toluene-d8              | 7.73  | 98   | 1110238  | 43.61 | ug/l   | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 87.22% |          |
| 62) 4-Bromofluorobenzene    | 11.51 | 95   | 394816   | 40.89 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 81.78% |          |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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