

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\  
 Data File : VF062021.D  
 Acq On : 19 Mar 2019 16:40  
 Operator : VA/AP  
 Sample : K1697-11RE  
 Misc : 6.03g/5mL/MSVOA-F/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 SU-01-031519-BRE

Quant Time: Mar 20 06:04:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F031619S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 18 07:28:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.85  | 168  | 175023   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 5.58  | 114  | 222314   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 9.75  | 117  | 153637   | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 12.54 | 152  | 71526    | 50.00 | ug/l  | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 4.82  | 65   | 38487    | 30.55 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 61.10%  |          |
| 35) Dibromofluoromethane    | 4.10  | 113  | 70326    | 47.11 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 94.22%  |          |
| 50) Toluene-d8              | 7.53  | 98   | 232004   | 53.16 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 106.32% |          |
| 62) 4-Bromofluorobenzene    | 11.39 | 95   | 73709    | 42.52 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 85.04%  |          |

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

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

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