

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\  
 Data File : VF061808.D  
 Acq On : 1 Mar 2019 17:51  
 Operator : VA/AP  
 Sample : K1675-09  
 Misc : 4.71g/5mL/MSVOA-F/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 Z-3-1-A

Manual Integrations  
 APPROVED

MMDadoda  
 3/4/2019 4:01:17 PM

Quant Time: Mar 02 03:19:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F021319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 14 03:27:56 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 4.85  | 168  | 314779   | 50.00  | ug/l   | -0.04    |
| 34) 1,4-Difluorobenzene     | 5.58  | 114  | 478854   | 50.00  | ug/l   | -0.03    |
| 63) Chlorobenzene-d5        | 9.76  | 117  | 387091   | 50.00  | ug/l   | -0.03    |
| 72) 1,4-Dichlorobenzene-d4  | 12.54 | 152  | 207005   | 50.00  | ug/l   | -0.02    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 4.83  | 65   | 96171    | 41.66  | ug/l   | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 83.32% |          |
| 35) Dibromofluoromethane    | 4.10  | 113  | 148087   | 41.64  | ug/l   | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 83.28% |          |
| 50) Toluene-d8              | 7.53  | 98   | 358051   | 35.03  | ug/l   | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 70.06% |          |
| 62) 4-Bromofluorobenzene    | 11.40 | 95   | 155936   | 37.70  | ug/l   | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 75.40% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 2.23  | 43   | 13422    | 27.101 | ug/l # | 86       |
| 20) Methylene Chloride      | 2.26  | 84   | 34864m   | 11.180 | ug/l   |          |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030119\  
Data File : VF061808.D  
Acq On : 1 Mar 2019 17:51  
Operator : VA/AP  
Sample : K1675-09  
Misc : 4.71g/5mL/MSVOA-F/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
Z-3-1-A

Manual Integrations  
APPROVED

MMDadoda  
3/4/2019 4:01:17 PM

Quant Time: Mar 02 03:19:18 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F021319S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 14 03:27:56 2019  
Response via : Initial Calibration

