

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\  
 Data File : VF061325.D  
 Acq On : 10 Jan 2019 4:38  
 Operator : VA/AP  
 Sample : K1006-13  
 Misc : 5.48g/5mL/MSVOA-F/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 JC-03-010819-G

Manual Integrations  
 APPROVED

MMDadoda  
 1/10/2019 3:33:07 PM

Quant Time: Jan 10 07:13:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F010819S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 09 07:13:51 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 4.88  | 168  | 170288   | 50.00  | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene     | 5.61  | 114  | 266054   | 50.00  | ug/l    | 0.01     |
| 63) Chlorobenzene-d5        | 9.79  | 117  | 161608   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.56 | 152  | 96854    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 4.85  | 65   | 130827   | 69.02  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 138.04% |          |
| 35) Dibromofluoromethane    | 4.13  | 113  | 139745   | 68.65  | ug/l    | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 137.30% |          |
| 50) Toluene-d8              | 7.57  | 98   | 118479   | 19.67  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 39.34%  |          |
| 62) 4-Bromofluorobenzene    | 11.42 | 95   | 123834   | 47.07  | ug/l    | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.14%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.24  | 43   | 20893m   | 47.385 | ug/l    | Qvalue   |
| 20) Methylene Chloride      | 2.18  | 84   | 4509m    | 2.417  | ug/l    |          |

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

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