

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\  
 Data File : VF062411.D  
 Acq On : 9 May 2019 22:26  
 Operator : FY/SY  
 Sample : K2645-07  
 Misc : 5.79g/5mL/MSVOA F/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 PL-02-050719-D

Manual Integrations  
 APPROVED

MMDadoda  
 5/10/2019 11:17:53 AM

Quant Time: May 10 08:14:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F050619S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 04:34:57 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.06  | 168  | 269291   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.78  | 114  | 324410   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.91  | 117  | 112875   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.61 | 152  | 111251   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.03  | 65   | 197943   | 77.78 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 155.56% |          |
| 35) Dibromofluoromethane    | 4.31  | 113  | 205160   | 79.38 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 158.76% |          |
| 50) Toluene-d8              | 7.71  | 98   | 10960    | 1.75  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 3.50%   |          |
| 62) 4-Bromofluorobenzene    | 11.49 | 95   | 124952   | 44.27 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.54%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 20) Methylene Chloride      | 2.29  | 84   | 9549m    | 5.127 | ug/l    | Qvalue   |

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

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