

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\  
 Data File : VF062408.D  
 Acq On : 9 May 2019 21:02  
 Operator : FY/SY  
 Sample : K2645-01  
 Misc : 6.76g/5mL/MSVOA F/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

MMDadoda  
 5/10/2019 11:17:40 AM

Quant Time: May 10 08:28:47 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  | 163646   | 50.00 | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene     | 5.77  | 114  | 215536   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.90  | 117  | 89648    | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.60 | 152  | 64612    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.02  | 65   | 133445   | 86.29 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 172.58% |          |
| 35) Dibromofluoromethane    | 4.30  | 113  | 142950   | 83.25 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 166.50% |          |
| 50) Toluene-d8              | 7.71  | 98   | 31678    | 7.62  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 15.24%  |          |
| 62) 4-Bromofluorobenzene    | 11.49 | 95   | 72277    | 38.54 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 77.08%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 20) Methylene Chloride      | 2.33  | 84   | 7494m    | 6.621 | ug/l    | Qvalue   |

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

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