

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\  
 Data File : VF062137.D  
 Acq On : 25 Mar 2019 17:49  
 Operator : VA/AP  
 Sample : K2081-24  
 Misc : 6.37g/5mL/MSVOA-F/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S4C(21)

Manual Integrations  
 APPROVED

MMDadoda  
 3/26/2019 3:59:41 PM

Quant Time: Mar 26 05:37:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F032219S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 23 01:16:37 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 4.87  | 168  | 283609   | 50.00  | ug/l   | -0.04    |
| 34) 1,4-Difluorobenzene     | 5.60  | 114  | 459235   | 50.00  | ug/l   | -0.03    |
| 63) Chlorobenzene-d5        | 9.78  | 117  | 361549   | 50.00  | ug/l   | -0.03    |
| 72) 1,4-Dichlorobenzene-d4  | 12.55 | 152  | 215198   | 50.00  | ug/l   | -0.02    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 4.85  | 65   | 76547    | 36.29  | ug/l   | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 72.58% |          |
| 35) Dibromofluoromethane    | 4.12  | 113  | 122652   | 39.48  | ug/l   | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 78.96% |          |
| 50) Toluene-d8              | 7.55  | 98   | 317689   | 34.26  | ug/l   | -0.04    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 68.52% |          |
| 62) 4-Bromofluorobenzene    | 11.41 | 95   | 136456   | 38.12  | ug/l   | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 76.24% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 2.25  | 43   | 8185     | 18.436 | ug/l   | 93       |
| 20) Methylene Chloride      | 2.19  | 84   | 27120m   | 7.424  | ug/l   |          |

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

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