

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\  
 Data File : VF062061.D  
 Acq On : 21 Mar 2019 15:28  
 Operator : VA/AP  
 Sample : K1688-27  
 Misc : 7.33g/5mL/MSVOA-F/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 JC-02-031919-D

Manual Integrations  
 APPROVED

MMDadoda  
 3/23/2019 2:59:19 AM

Quant Time: Mar 22 08:30:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F031619S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 03:22:44 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 4.88  | 168  | 275138   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.61  | 114  | 459547   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.78  | 117  | 365391   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.56 | 152  | 195900   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 4.85  | 65   | 109340   | 55.21  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.42% |          |
| 35) Dibromofluoromethane    | 4.12  | 113  | 157889   | 51.16  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.32% |          |
| 50) Toluene-d8              | 7.56  | 98   | 404630   | 44.85  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.70%  |          |
| 62) 4-Bromofluorobenzene    | 11.42 | 95   | 169616   | 47.33  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.66%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.25  | 43   | 24317    | 54.677 | ug/l    | 96       |
| 20) Methylene Chloride      | 2.19  | 84   | 24654m   | 10.625 | ug/l    |          |

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

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