

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF121918\  
 Data File : VF061087.D  
 Acq On : 19 Dec 2018 16:14  
 Operator : VA/AP  
 Sample : J6388-08  
 Misc : 5.46g/5mL/MSVOA-F/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P001-SS009-1218-01

Manual Integrations  
 APPROVED

apatel  
 12/20/2018 10:29:30 AM

Quant Time: Dec 20 03:03:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 00:56:59 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 4.86  | 168  | 201034   | 50.00  | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene     | 5.59  | 114  | 335347   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.77  | 117  | 281537   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.55 | 152  | 119910   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 4.83  | 65   | 94926    | 36.71  | ug/l   | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 73.42% |          |
| 35) Dibromofluoromethane    | 4.10  | 113  | 113717   | 42.33  | ug/l   | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 84.66% |          |
| 50) Toluene-d8              | 7.55  | 98   | 264882   | 34.79  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 69.58% |          |
| 62) 4-Bromofluorobenzene    | 11.41 | 95   | 111590   | 31.80  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 63.60% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 2.22  | 43   | 22739m   | 43.991 | ug/l   | Qvalue   |

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

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