

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\  
 Data File : VF059454.D  
 Acq On : 6 Jul 2018 17:23  
 Operator : VA/AP  
 Sample : J3852-11  
 Misc : 6.35g/5mL/MSVOA-F/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 HC-SOIL-2

Manual Integrations  
 APPROVED

apatel  
 7/9/2018 12:40:21 PM

Quant Time: Jul 07 03:34:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 26 08:45:17 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.02  | 168  | 228162   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.74  | 114  | 347525   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 9.90  | 117  | 340986   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 218740   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.00  | 65   | 154552   | 52.43 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.86% |          |
| 35) Dibromofluoromethane    | 4.27  | 113  | 143005   | 56.32 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 112.64% |          |
| 50) Toluene-d8              | 7.69  | 98   | 295223   | 46.96 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.92%  |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 164722   | 46.45 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.90%  |          |

| Target Compounds | R.T. | QIon | Response | Conc  | Units | Qvalue |
|------------------|------|------|----------|-------|-------|--------|
| 16) Acetone      | 2.32 | 43   | 22732m   | 21.56 | ug/l  |        |

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

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