

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\  
 Data File : VF059242.D  
 Acq On : 20 Jun 2018 22:50  
 Operator : VA/AP  
 Sample : J3584-15RE  
 Misc : 5.13g/5mL/MSVOA-F/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 TP-2-SRE

Manual Integrations  
 APPROVED

apatel  
 6/21/2018 9:46:17 AM

Quant Time: Jun 21 09:12:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 10:52:00 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.04  | 168  | 207495   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.76  | 114  | 333636   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.91  | 117  | 323591   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.63 | 152  | 187062   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.01  | 65   | 178313   | 70.86 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 141.72% |          |
| 35) Dibromofluoromethane    | 4.29  | 113  | 163663   | 69.91 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 139.82% |          |
| 50) Toluene-d8              | 7.71  | 98   | 363217   | 52.81 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 105.62% |          |
| 62) 4-Bromofluorobenzene    | 11.51 | 95   | 191971   | 54.42 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.84% |          |
| Target Compounds            |       |      |          |       |         |          |
| 20) Methylene Chloride      | 2.31  | 84   | 12896m   | 8.96  | ug/l    | Qvalue   |

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

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