

Data File : VF059493.D  
Acq On : 10 Jul 2018 19:20  
Operator : VA/AP  
Sample : J3879-20RE  
Misc : 4.66g/5mL/MSVOA\_F/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
SURCHARGE-SP-10RE

Quant Time: Jul 19 03:46:10 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F070718S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jul 07 06:35:36 2018  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.03  | 168  | 188651   | 50.00 | ug/l   | 0.02     |
| 34) 1,4-Difluorobenzene     | 5.75  | 114  | 304099   | 50.00 | ug/l   | 0.02     |
| 63) Chlorobenzene-d5        | 9.90  | 117  | 257933   | 50.00 | ug/l   | 0.02     |
| 72) 1,4-Dichlorobenzene-d4  | 12.63 | 152  | 110338   | 50.00 | ug/l   | 0.01     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.01  | 65   | 126852   | 38.66 | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 77.32% |          |
| 35) Dibromofluoromethane    | 4.28  | 113  | 109937   | 37.68 | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 75.36% |          |
| 50) Toluene-d8              | 7.70  | 98   | 198623   | 28.94 | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 57.88% |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 96439    | 25.19 | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 50.38% |          |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            | -----  |

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

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