

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\  
 Data File : VF060132.D  
 Acq On : 27 Aug 2018 18:34  
 Operator : VA/AP  
 Sample : J4646-15  
 Misc : 5.51g/5mL/MSVOA F/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 EP1-Q4-FD01

Quant Time: Aug 28 14:07:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F082118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 04:43:43 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.03  | 168  | 125532   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 5.75  | 114  | 167721   | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 9.91  | 117  | 148837   | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 74540    | 50.00 | ug/l  | -0.02    |

| System Monitoring Compounds |        |     |          |       |        |       |
|-----------------------------|--------|-----|----------|-------|--------|-------|
| 33) 1,2-Dichloroethane-d4   | 4.99   | 65  | 43075    | 25.07 | ug/l   | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 50.14% |       |
| 35) Dibromofluoromethane    | 4.28   | 113 | 50759    | 38.54 | ug/l   | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 77.08% |       |
| 50) Toluene-d8              | 7.70   | 98  | 143437   | 38.35 | ug/l   | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 76.70% |       |
| 62) 4-Bromofluorobenzene    | 11.50  | 95  | 58682    | 29.66 | ug/l   | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 59.32% |       |

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

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

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