

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\  
 Data File : VF059349.D  
 Acq On : 27 Jun 2018 19:55  
 Operator : VA/AP  
 Sample : J3677-09  
 Misc : 5.00µ/5mL/MSVOA-F/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 147-149-B2(0-5)

Quant Time: Jun 28 02:28:40 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      | 5.03  | 168  | 146795   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.75  | 114  | 225624   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.91  | 117  | 204632   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 113931   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.01  | 65   | 84801    | 44.71 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.42% |          |
| 35) Dibromofluoromethane    | 4.28  | 113  | 73426    | 44.54 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.08% |          |
| 50) Toluene-d8              | 7.71  | 98   | 162093   | 39.71 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 79.42% |          |
| 62) 4-Bromofluorobenzene    | 11.51 | 95   | 81939    | 35.59 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 71.18% |          |

| Target Compounds       | R.T. | QIon | Response | Conc | Units | Qvalue |
|------------------------|------|------|----------|------|-------|--------|
| 20) Methylene Chloride | 2.27 | 84   | 10629    | 3.06 | ug/l  | # 78   |

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

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