

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\  
 Data File : VF059559.D  
 Acq On : 19 Jul 2018 16:02  
 Operator : VA/AP  
 Sample : J4016-04  
 Misc : 6.41g/5mL/MSVOA F/SOIL  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 SB2-L-8

Quant Time: Jul 20 11:39:35 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F071718S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 18 04:09:10 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.03  | 168  | 173870   | 50.00 | ug/l    | -0.03     |
| 34) 1,4-Difluorobenzene     | 5.76  | 114  | 256752   | 50.00 | ug/l    | -0.03     |
| 63) Chlorobenzene-d5        | 9.91  | 117  | 261365   | 50.00 | ug/l    | -0.03     |
| 72) 1,4-Dichlorobenzene-d4  | 12.63 | 152  | 169182   | 50.00 | ug/l    | -0.02     |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 5.01  | 65   | 155121   | 57.36 | ug/l    | -0.03     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 114.72% |           |
| 35) Dibromofluoromethane    | 4.28  | 113  | 122659   | 55.16 | ug/l    | -0.03     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 110.32% |           |
| 50) Toluene-d8              | 7.70  | 98   | 241169   | 43.06 | ug/l    | -0.03     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 86.12%  |           |
| 62) 4-Bromofluorobenzene    | 11.51 | 95   | 144736   | 49.26 | ug/l    | -0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.52%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 20) Methylene Chloride      | 2.27  | 84   | 7111     | 1.37  | ug/l    | Qvalue 85 |
| 52) Toluene                 | 7.78  | 92   | 10811    | 2.99  | ug/l    | # 63      |
| 95) Naphthalene             | 14.52 | 128  | 78950    | 12.74 | ug/l    | 98        |

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

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