

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\  
 Data File : VF061199.D  
 Acq On : 26 Dec 2018 20:25  
 Operator : VA/AP  
 Sample : J6446-04RE  
 Misc : 6.20g/5mL/MSVOA-F/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 P001-SS026-0612-01RE

Quant Time: Dec 27 08:23:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 00:56:59 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 4.85  | 168  | 135202   | 50.00 | ug/l    | -0.02     |
| 34) 1,4-Difluorobenzene     | 5.58  | 114  | 240021   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 9.77  | 117  | 166208   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.54 | 152  | 52739    | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 4.83  | 65   | 98645    | 56.73 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 113.46% |           |
| 35) Dibromofluoromethane    | 4.09  | 113  | 99439    | 51.72 | ug/l    | -0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.44% |           |
| 50) Toluene-d8              | 7.54  | 98   | 203300   | 37.31 | ug/l    | -0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 74.62%  |           |
| 62) 4-Bromofluorobenzene    | 11.40 | 95   | 67414    | 26.84 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 53.68%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 52) Toluene                 | 7.61  | 92   | 4157     | 1.008 | ug/l    | Qvalue 91 |

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

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