

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\  
 Data File : VF060373.D  
 Acq On : 28 Sep 2018 18:03  
 Operator : VA/AP  
 Sample : J4777-33  
 Misc : 6.35/5mL/MSVOA F/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 PL-01-092718-A

Quant Time: Sep 29 00:52:07 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 20 02:58:42 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.03  | 168  | 224394   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.76  | 114  | 391807   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.91  | 117  | 304419   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.63 | 152  | 116728   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.00  | 65   | 220348   | 72.93 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 145.86% |          |
| 35) Dibromofluoromethane    | 4.28  | 113  | 220820   | 63.22 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 126.44% |          |
| 50) Toluene-d8              | 7.70  | 98   | 429625   | 47.23 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.46%  |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 168399   | 42.83 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 85.66%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 39) Methylcyclohexane       | 5.61  | 83   | 7673     | 1.449 | ug/l #  | 74       |
| 80) 1,3,5-Trimethylbenzene  | 11.91 | 105  | 27792    | 3.295 | ug/l    | 90       |
| 84) 1,2,4-Trimethylbenzene  | 12.28 | 105  | 19237    | 2.246 | ug/l    | 100      |

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

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