

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\  
 Data File : VF060103.D  
 Acq On : 24 Aug 2018 16:43  
 Operator : VA/AP  
 Sample : J4581-20  
 Misc : 5.58g/5mL/MSVOA F/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 EP1-Q3-D4

Quant Time: Aug 27 16:10:47 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  | 153066   | 50.00 | ug/l    | -0.01    |
| 34) 1,4-Difluorobenzene     | 5.75  | 114  | 239707   | 50.00 | ug/l    | -0.02    |
| 63) Chlorobenzene-d5        | 9.91  | 117  | 250095   | 50.00 | ug/l    | -0.01    |
| 72) 1,4-Dichlorobenzene-d4  | 12.63 | 152  | 131062   | 50.00 | ug/l    | -0.01    |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.02  | 65   | 97283    | 46.44 | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.88%  |          |
| 35) Dibromofluoromethane    | 4.29  | 113  | 102364   | 54.38 | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.76% |          |
| 50) Toluene-d8              | 7.71  | 98   | 245135   | 45.86 | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.72%  |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 121917   | 43.11 | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =     | 86.22%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 20) Methylene Chloride      | 2.28  | 84   | 7529     | 2.03  | ug/l    | # 82     |
| 64) Tetrachloroethene       | 8.30  | 164  | 22025    | 13.07 | ug/l    | 93       |
| 69) o-Xylene                | 10.82 | 106  | 8143     | 2.55  | ug/l    | 77       |
| 80) 1,3,5-Trimethylbenzene  | 11.91 | 105  | 18322    | 2.67  | ug/l    | 95       |
| 84) 1,2,4-Trimethylbenzene  | 12.28 | 105  | 15637    | 2.14  | ug/l    | 92       |

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

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