

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW122218\  
 Data File : VW007778.D  
 Acq On : 21 Dec 2018 07:22  
 Operator : SY/AP  
 Sample : J6389-03  
 Misc : 6.49G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS012-1218-01

Quant Time: Dec 21 10:37:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W122118S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 06:30:23 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene       | 7.96  | 168  | 457      | 50.00   | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 701      | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.64 | 117  | 286      | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 0.00  | 152  | 0        | 0.00    | ug/l   | -13.56   |
| System Monitoring Compounds |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 242      | 48.31   | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 96.62% |          |
| 35) Dibromofluoromethane    | 7.90  | 113  | 164      | 38.35   | ug/l   | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 76.70% |          |
| 50) Toluene-d8              | 10.33 | 98   | 528      | 32.75   | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 65.50% |          |
| 62) 4-Bromofluorobenzene    | 0.00  | 95   | 0        | 0.00    | ug/l   |          |
| Spiked Amount 50.000        |       |      | Recovery | =       | 0.00%  |          |
| Target Compounds            |       |      |          |         |        |          |
| 52) Toluene                 | 10.40 | 92   | 237      | 19.565  | ug/l   | 82       |
| 67) Ethyl Benzene           | 11.73 | 91   | 342      | 32.196  | ug/l # | 73       |
| 68) m/p-Xylenes             | 11.83 | 106  | 540      | 131.049 | ug/l   | 90       |

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

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