

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW122218\  
 Data File : VW007776.D  
 Acq On : 21 Dec 2018 06:30  
 Operator : SY/AP  
 Sample : J6389-01  
 Misc : 5.24G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS012-0006-01

Quant Time: Dec 21 10:31:34 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       | 7.95  | 168  | 65728    | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 111094   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 76569    | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 22256    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 36486    | 50.65   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 101.30% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 30560    | 45.09   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 90.18%  |          |
| 50) Toluene-d8              | 10.32 | 98   | 91697    | 35.89   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 71.78%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 25842    | 26.18   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 52.36%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 16) Acetone                 | 4.12  | 43   | 25971    | 192.516 | ug/l    | 97       |
| 20) Methylene Chloride      | 4.92  | 84   | 5253     | 1.694   | ug/l    | 99       |
| 25) 2-Butanone              | 7.17  | 43   | 1817     | 11.499  | ug/l #  | 85       |
| 68) m/p-Xylenes             | 11.84 | 106  | 1945     | 1.763   | ug/l    | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.26 | 105  | 2482     | 1.695   | ug/l    | 97       |
| 95) Naphthalene             | 15.38 | 128  | 1976     | 2.247   | ug/l #  | 92       |

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

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