

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121818\  
 Data File : VW007602.D  
 Acq On : 16 Dec 2018 01:39  
 Operator : SY/AP  
 Sample : J6378-08  
 Misc : 3.20G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SD011-0006-01

Quant Time: Dec 16 02:42:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 56442    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 91204    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 54312    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 12893    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 41126    | 65.68 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 131.36% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 33917    | 61.43 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 122.86% |          |
| 50) Toluene-d8              | 10.32 | 98   | 95573    | 46.17 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.34%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 20033    | 26.32 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 52.64%  |          |

| Target Compounds        | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone             | 4.12  | 43   | 14686    | 134.272 | ug/l   | 95     |
| 20) Methylene Chloride  | 4.91  | 84   | 3778     | 2.603   | ug/l # | 93     |
| 25) 2-Butanone          | 7.17  | 43   | 7582     | 53.099  | ug/l   | 94     |
| 40) Benzene             | 8.32  | 78   | 22088    | 9.566   | ug/l   | 97     |
| 68) m/p-Xylenes         | 11.84 | 106  | 2031     | 2.684   | ug/l   | 92     |
| 69) o-Xylene            | 12.16 | 106  | 977      | 1.383   | ug/l   | 99     |
| 87) 1,3-Dichlorobenzene | 13.51 | 146  | 1252     | 2.868   | ug/l   | 96     |
| 88) 1,4-Dichlorobenzene | 13.58 | 146  | 3831     | 8.728   | ug/l   | 95     |

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

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