

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111825\  
 Data File : VW032482.D  
 Acq On : 18 Nov 2025 15:30  
 Operator : SY/MD  
 Sample : Q3649-04  
 Misc : 6.06g/5mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DUPE-0.5-1.0-20251114

Quant Time: Nov 19 00:28:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 03:48:21 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.959  | 168   | 231495   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.849  | 114   | 566274   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.629 | 117   | 606488   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.556 | 152   | 290144   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 179818   | 60.250   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =     | 120.500% |
| 35) Dibromofluoromethane    | 7.898  | 113   | 54114    | 15.961   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =     | 31.920%# |
| 50) Toluene-d8              | 10.325 | 98    | 614723   | 47.262   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =     | 94.520%  |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 273656   | 55.695   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =     | 111.400% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.161  | 43    | 90898    | 101.801  | ug/l  | 99       |
| 17) Carbon Disulfide        | 4.423  | 76    | 20360    | 2.768    | ug/l  | 98       |
| 25) 2-Butanone              | 7.203  | 43    | 19693    | 14.970   | ug/l  | 94       |
| -----                       |        |       |          |          |       |          |

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

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