

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111125\  
 Data File : VN088255.D  
 Acq On : 11 Nov 2025 14:25  
 Operator : JC\MD  
 Sample : Q3599-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LIVINGSTON-SOIL

Quant Time: Nov 12 01:16:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 03 01:16:06 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|--------|----------|
| -----                       |        |                |          |            |        |          |
| Internal Standards          |        |                |          |            |        |          |
| 1) Pentafluorobenzene       | 8.206  | 168            | 226578   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.082  | 114            | 518714   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.841 | 117            | 521988   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.765 | 152            | 248779   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65             | 235338   | 60.066     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | = 120.140% |        |          |
| 35) Dibromofluoromethane    | 8.147  | 113            | 172210   | 49.418     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 98.840%  |        |          |
| 50) Toluene-d8              | 10.541 | 98             | 633345   | 47.168     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | = 94.340%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.823 | 95             | 244306   | 51.519     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | = 103.040% |        |          |
| Target Compounds            |        |                |          |            |        |          |
|                             |        |                |          |            | Qvalue |          |
| 16) Acetone                 | 4.418  | 43             | 139492   | 70.867     | ug/l   | 98       |
| 20) Methylene Chloride      | 5.259  | 84             | 13339    | 4.037      | ug/l # | 85       |
| 25) 2-Butanone              | 7.483  | 43             | 14231    | 5.486      | ug/l   | 97       |
| 43) Isopropyl Acetate       | 8.671  | 43             | 23701    | 2.349      | ug/l   | 94       |
| -----                       |        |                |          |            |        |          |

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

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