

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY071825\  
 Data File : VY023012.D  
 Acq On : 18 Jul 2025 20:49  
 Operator : SY/MD  
 Sample : Q2639-09  
 Misc : 4.56g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 OU4-TS-42-071725

Quant Time: Jul 19 02:16:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071825S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 19 01:50:49 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 266561   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 482479   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 478564   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 222468   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 188974   | 70.030   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 140.060% |
| 35) Dibromofluoromethane    | 7.634  | 113   | 159680   | 52.174   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 104.340% |
| 50) Toluene-d8              | 10.103 | 98    | 596042   | 49.110   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 98.220%  |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 207811   | 54.393   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 108.780% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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