

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012725\  
 Data File : VY020941.D  
 Acq On : 27 Jan 2025 11:43  
 Operator : SY/MD  
 Sample : Q1187-01  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SP-COMP

Quant Time: Jan 28 01:11:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012425S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 25 01:12:18 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.719  | 168   | 10632    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.622  | 114   | 15249    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 9679     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.359 | 152   | 1429     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 4977     | 58.712   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 117.420% |
| 35) Dibromofluoromethane    | 7.640  | 113   | 4657     | 53.197   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 106.400% |
| 50) Toluene-d8              | 10.115 | 98    | 15012    | 44.210   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 88.420%  |
| 62) 4-Bromofluorobenzene    | 12.414 | 95    | 2350     | 20.795   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =      | 41.600%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 5) Bromomethane             | 2.623  | 94    | 662      | 14.994   | ug/l # | 49       |
| 10) Methyl Iodide           | 4.019  | 142   | 1832     | 16.821   | ug/l # | 95       |
| -----                       |        |       |          |          |        |          |

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

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