

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY123124\  
 Data File : VY020763.D  
 Acq On : 31 Dec 2024 12:26  
 Operator : SY/MD  
 Sample : P5398-01  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 341-349

Quant Time: Jan 01 00:22:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122624S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 26 16:12:28 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.707  | 168   | 136624   | 50.000   | ug/l  | -0.02       |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 224550   | 50.000   | ug/l  | -0.01       |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 194816   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 77895    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 66393    | 59.328   | ug/l  | -0.01       |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 118.660%    |
| 35) Dibromofluoromethane    | 7.634  | 113   | 70218    | 56.771   | ug/l  | -0.01       |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 113.540%    |
| 50) Toluene-d8              | 10.109 | 98    | 262304   | 53.215   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 106.440%    |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 81604    | 49.646   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =     | 99.300%     |
| Target Compounds            |        |       |          |          |       |             |
| 51) 4-Methyl-2-Pentanone    | 10.006 | 43    | 696      | 1.260    | ug/l  | Qvalue # 86 |
| -----                       |        |       |          |          |       |             |

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

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