

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY013025\  
 Data File : VY020988.D  
 Acq On : 30 Jan 2025 16:12  
 Operator : SY/MD  
 Sample : Q1207-05  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 JPP-5.1-012725

Quant Time: Jan 31 04:42:13 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y013025S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 31 02:19:37 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.713  | 168   | 319831   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.615  | 114   | 499748   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 386706   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.352 | 152   | 154353   | 50.000   | ug/l  | 0.00        |
|                             |        |       |          |          |       |             |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 126155   | 46.328   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 92.660%     |
| 35) Dibromofluoromethane    | 7.640  | 113   | 118400   | 39.409   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 78.820%     |
| 50) Toluene-d8              | 10.109 | 98    | 483901   | 41.266   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 82.540%     |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 140647   | 35.744   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =     | 71.480%     |
|                             |        |       |          |          |       |             |
| Target Compounds            |        |       |          |          |       |             |
| 95) Naphthalene             | 15.151 | 128   | 3503     | 4.683    | ug/l  | Qvalue # 94 |
| -----                       |        |       |          |          |       |             |

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

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