

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120624\  
 Data File : VY020538.D  
 Acq On : 06 Dec 2024 15:54  
 Operator : SY/MD  
 Sample : P5136-01  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 COMP-1

Quant Time: Dec 07 03:26:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120224S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 03 01:39:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 123695   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 210048   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 172575   | 50.000   | ug/l   | -0.01    |
| 72) 1,4-Dichlorobenzene-d4  | 13.347 | 152   | 67191    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 68764    | 54.661   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 109.320% |
| 35) Dibromofluoromethane    | 7.634  | 113   | 66154    | 50.028   | ug/l   | -0.01    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 100.060% |
| 50) Toluene-d8              | 10.109 | 98    | 249592   | 49.569   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 99.140%  |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 73698    | 41.848   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =      | 83.700%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.873  | 43    | 4822     | 15.416   | ug/l   | 92       |
| 52) Toluene                 | 10.176 | 92    | 11957    | 2.911    | ug/l   | 97       |
| 68) m/p-Xylenes             | 11.627 | 106   | 8728     | 2.940    | ug/l   | 99       |
| 69) o-Xylene                | 11.957 | 106   | 3401     | 1.223    | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene  | 13.042 | 105   | 7728     | 1.526    | ug/l   | 98       |
| 86) p-Isopropyltoluene      | 13.292 | 119   | 5789     | 1.038    | ug/l # | 79       |
| -----                       |        |       |          |          |        |          |

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

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