

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082024\  
 Data File : VY019152.D  
 Acq On : 20 Aug 2024 15:40  
 Operator : SY/MD  
 Sample : P3643-05  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 917-J-SD-0-0.5-081524

Quant Time: Aug 21 01:30:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 05:10:30 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.701  | 168   | 26348    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.610  | 114   | 41485    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.420 | 117   | 32725    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.353 | 152   | 10154    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.049  | 65    | 11795    | 44.658   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 89.320%  |
| 35) Dibromofluoromethane    | 7.628  | 113   | 13973    | 51.513   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 103.020% |
| 50) Toluene-d8              | 10.103 | 98    | 40766    | 41.762   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 83.520%  |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 11324    | 34.030   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =      | 68.060%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.860  | 43    | 3910     | 79.826   | ug/l # | 81       |
| 25) 2-Butanone              | 6.878  | 43    | 1315     | 16.670   | ug/l # | 79       |
| -----                       |        |       |          |          |        |          |

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

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