

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041824\  
 Data File : VX041162.D  
 Acq On : 18 Apr 2024 14:30  
 Operator : JC/MD  
 Sample : P2151-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SOIL

Quant Time: Apr 19 03:32:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 02:04:44 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 232772   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 339142   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 296201   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 132521   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 120709   | 48.032   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 96.060%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 104637   | 46.187   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.380%  |
| 50) Toluene-d8              | 8.647  | 98    | 382943   | 48.257   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.520%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 122877   | 40.790   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 81.580%# |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.392  | 43    | 32619    | 30.880   | ug/l   | 94       |
| 18) Methyl Acetate          | 2.715  | 43    | 4238     | 1.607    | ug/l   | 100      |
| 20) Methylene Chloride      | 2.782  | 84    | 33523    | 14.873   | ug/l # | 89       |
| 43) Isopropyl Acetate       | 6.355  | 43    | 7945     | 1.562    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

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

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