

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072723\  
 Data File : VY014877.D  
 Acq On : 27 Jul 2023 13:08  
 Operator : SY/MD  
 Sample : 03686-12  
 Misc : 4.13g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-23-14-16-20230721

Quant Time: Jul 28 02:37:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 14 02:09:50 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.783  | 168   | 151880   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 269981   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.483 | 117   | 256660   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 123080   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 97555    | 56.366   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 112.740% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 83376    | 48.513   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 97.020%  |
| 50) Toluene-d8              | 10.173 | 98    | 319802   | 50.472   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 100.940% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 120010   | 49.396   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =      | 98.800%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 3.942  | 43    | 260513   | 475.001  | ug/l   | 95       |
| 25) 2-Butanone              | 6.972  | 43    | 4341     | 5.410    | ug/l # | 79       |
| -----                       |        |       |          |          |        |          |

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

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