

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070323\  
 Data File : VY014537.D  
 Acq On : 03 Jul 2023 15:56  
 Operator : KP/MD  
 Sample : 03510-14  
 Misc : 12.07g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-WWS-10-G

Quant Time: Jul 04 03:02:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 30 19:02:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.783  | 168   | 272888   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 426668   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.484 | 117   | 402346   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 182740   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 152952   | 56.343   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 112.680% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 137991   | 52.519   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 105.040% |
| 50) Toluene-d8              | 10.173 | 98    | 504535   | 48.576   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 97.160%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 162847   | 45.152   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 90.300%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 3.942  | 43    | 221703   | 261.516  | ug/l  | # 83     |
| 17) Carbon Disulfide        | 4.180  | 76    | 13502    | 1.731    | ug/l  | 99       |
| 18) Methyl Acetate          | 4.479  | 43    | 8258     | 2.140    | ug/l  | 91       |
| 25) 2-Butanone              | 6.984  | 43    | 18369    | 14.634   | ug/l  | 91       |
| -----                       |        |       |          |          |       |          |

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

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