

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091823\  
 Data File : VY015632.D  
 Acq On : 18 Sep 2023 22:04  
 Operator : SY/MD  
 Sample : 04453-03  
 Misc : 5.35g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CPT102-12(12.5-13)

Quant Time: Sep 19 02:09:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 31 20:01:47 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 123461   | 50.000   | ug/l       | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 212126   | 50.000   | ug/l       | 0.01     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 193863   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 89145    | 50.000   | ug/l       | 0.00     |
|                             |        |       |          |          |            |          |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 83292    | 62.934   | ug/l       | 0.01     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 125.860% |          |
| 35) Dibromofluoromethane    | 7.722  | 113   | 68284    | 55.888   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 111.780% |          |
| 50) Toluene-d8              | 10.185 | 98    | 249754   | 56.447   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 112.900% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 82438    | 50.188   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 100.380% |          |
|                             |        |       |          |          |            |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 3.960  | 43    | 9735     | 17.623   | ug/l       | # 81     |
| 17) Carbon Disulfide        | 4.204  | 76    | 120282   | 32.783   | ug/l       | 100      |
| 25) 2-Butanone              | 7.003  | 43    | 3126     | 3.990    | ug/l       | 93       |
| -----                       |        |       |          |          |            |          |

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

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