

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042523\  
 Data File : VY013453.D  
 Acq On : 25 Apr 2023 17:50  
 Operator : KP/MD  
 Sample : 02427-03  
 Misc : 5.59g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 20230306-28-4

Quant Time: Apr 26 02:52:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042423S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:39:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 7.789     | 168            | 165850   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685     | 114            | 278838   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489    | 117            | 264530   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422    | 152            | 126149   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.136     | 65             | 114750   | 63.116     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 50 - 163 | Recovery | = 126.240% |        |          |
| 35) Dibromofluoromethane    | 7.716     | 113            | 97282    | 55.470     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 54 - 147 | Recovery | = 110.940% |        |          |
| 50) Toluene-d8              | 10.179    | 98             | 339201   | 54.369     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 58 - 134 | Recovery | = 108.740% |        |          |
| 62) 4-Bromofluorobenzene    | 12.477    | 95             | 108185   | 51.437     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 30 - 143 | Recovery | = 102.880% |        |          |
| Target Compounds            |           |                |          |            |        |          |
|                             |           |                |          |            | Qvalue |          |
| 16) Acetone                 | 3.985     | 43             | 65382    | 91.318     | ug/l   | 89       |
| 17) Carbon Disulfide        | 4.180     | 76             | 20459    | 3.654      | ug/l   | 98       |
| 25) 2-Butanone              | 7.009     | 43             | 15120    | 16.652     | ug/l   | 99       |
| 95) Naphthalene             | 15.233    | 128            | 28476    | 5.534      | ug/l   | 99       |
| -----                       |           |                |          |            |        |          |

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

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