

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112423\  
 Data File : VY016478.D  
 Acq On : 24 Nov 2023 12:45  
 Operator : SY/MD  
 Sample : 05469-03  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-12-VOC

Quant Time: Nov 27 05:33:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 09 00:45:52 2023  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.795     | 168   | 106657   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697     | 114   | 184548   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.502    | 117   | 176543   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.434    | 152   | 78792    | 50.000   | ug/l   | 0.00     |
|                             |           |       |          |          |        |          |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.149     | 65    | 60139    | 61.693   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | =      | 123.380% |
| 35) Dibromofluoromethane    | 7.728     | 113   | 57704    | 55.043   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | =      | 110.080% |
| 50) Toluene-d8              | 10.191    | 98    | 212498   | 49.985   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 134 | Recovery | =      | 99.960%  |
| 62) 4-Bromofluorobenzene    | 12.489    | 95    | 74306    | 53.816   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 30 - 143 | Recovery | =      | 107.640% |
|                             |           |       |          |          |        |          |
| Target Compounds            |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 3.948     | 43    | 5062     | 31.393   | ug/l # | 85       |
| 20) Methylene Chloride      | 4.722     | 84    | 20890    | 15.970   | ug/l # | 83       |
| -----                       |           |       |          |          |        |          |

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

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