

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100722\  
 Data File : VY010867.D  
 Acq On : 07 Oct 2022 13:23  
 Operator : KP/MD  
 Sample : N5004-19RE  
 Misc : 5.73g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 D22019-18RE

Quant Time: Oct 08 04:46:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 07:26:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 7.783  | 168   | 2367     | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.685  | 114   | 3733     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.490 | 117   | 1676     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422 | 152   | 201      | 50.000   | ug/l   | # 0.00   |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.143  | 65    | 1092     | 45.514   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery | =      | 91.020%  |
| 35) Dibromofluoromethane      | 7.704  | 113   | 521      | 21.025   | ug/l   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery | =      | 42.060%# |
| 50) Toluene-d8                | 10.179 | 98    | 2561     | 30.220   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery | =      | 60.440%  |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 187      | 2.125    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery | =      | 4.260%#  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) Methyl Iodide             | 4.095  | 142   | 234      | 7.634    | ug/l   | # 35     |
| 16) Acetone                   | 3.948  | 43    | 1054     | 172.972  | ug/l   | # 86     |
| 20) Methylene Chloride        | 4.704  | 84    | 258      | 4.960    | ug/l   | # 45     |
| 38) Carbon Tetrachloride      | 7.783  | 117   | 111      | 2.979    | ug/l   | # 11     |
| 59) 2-Hexanone                | 10.709 | 43    | 27       | 2.243    | ug/l   | # 28     |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75    | 64       | 31.442   | ug/l   | # 100    |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75    | 64       | 65.679   | ug/l   | # 7      |
| -----                         |        |       |          |          |        |          |

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

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