

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120522\  
 Data File : VY011702.D  
 Acq On : 05 Dec 2022 17:26  
 Operator : KP/MD  
 Sample : N5870-03RE  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ML-3RE

Quant Time: Dec 06 00:37:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111822S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 19 22:37:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|-----------|--------|-----------|
| -----                         |        |       |          |           |        |           |
| Internal Standards            |        |       |          |           |        |           |
| 1) Pentafluorobenzene         | 7.789  | 168   | 439      | 50.000    | ug/l   | # 0.00    |
| 34) 1,4-Difluorobenzene       | 8.691  | 114   | 1015     | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.489 | 117   | 583      | 50.000    | ug/l   | # 0.00    |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 208      | 50.000    | ug/l   | # 0.00    |
| System Monitoring Compounds   |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.149  | 65    | 615      | 137.967   | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =      | 275.940%# |
| 35) Dibromofluoromethane      | 7.722  | 113   | 201      | 32.169    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =      | 64.340%   |
| 50) Toluene-d8                | 10.179 | 98    | 1054     | 46.420    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | =      | 92.840%   |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 183      | 21.799    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | =      | 43.600%   |
| Target Compounds              |        |       |          |           |        |           |
|                               |        |       |          |           | Qvalue |           |
| 10) Methyl Iodide             | 4.107  | 142   | 64       | 13.043    | ug/l # | 35        |
| 20) Methylene Chloride        | 4.722  | 84    | 20       | Below Cal | #      | 1         |
| 76) 1,2,3-Trichloropropane    | 12.508 | 75    | 41       | 18.303    | ug/l # | 100       |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75    | 44       | 43.024    | ug/l # | 7         |
| -----                         |        |       |          |           |        |           |

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

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