

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081222\  
 Data File : VD074069.D  
 Acq On : 12 Aug 2022 18:16  
 Operator : VA/SY  
 Sample : N4152-01  
 Misc : 5.05G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EO-02-081022

Quant Time: Aug 12 23:48:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081022S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 14:55:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                         |        |       |          |          |             |          |
| Internal Standards            |        |       |          |          |             |          |
| 1) Pentafluorobenzene         | 7.973  | 168   | 1062     | 50.000   | ug/l        | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.855  | 114   | 1940     | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5          | 11.638 | 117   | 2464     | 50.000   | ug/l        | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4    | 13.561 | 152   | 872      | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds   |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4     | 8.320  | 65    | 670      | 85.208   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery | = 170.420%# |          |
| 35) Dibromofluoromethane      | 7.897  | 113   | 206      | 15.987   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery | = 31.980%#  |          |
| 50) Toluene-d8                | 10.332 | 98    | 1050     | 28.741   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery | = 57.480%   |          |
| 62) 4-Bromofluorobenzene      | 12.614 | 95    | 735      | 46.385   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery | = 92.760%   |          |
| Target Compounds              |        |       |          |          |             |          |
|                               |        |       |          |          |             | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.197  | 96    | 61       | 5.744    | ug/l        | # 1      |
| 16) Acetone                   | 4.262  | 43    | 56       | 32.955   | ug/l        | # 46     |
| 21) trans-1,2-Dichloroethene  | 5.326  | 96    | 57       | 4.470    | ug/l        | # 2      |
| 22) Diisopropyl ether         | 6.226  | 45    | 67       | 2.282    | ug/l        | # 34     |
| 37) Ethyl Acetate             | 7.532  | 43    | 67       | 9.601    | ug/l        | # 67     |
| 48) Methyl methacrylate       | 9.420  | 41    | 55       | 8.642    | ug/l        | # 6      |
| 59) 2-Hexanone                | 11.238 | 43    | 55       | 11.980   | ug/l        | # 23     |
| 74) N-amyl acetate            | 12.279 | 43    | 60       | 5.182    | ug/l        | # 42     |
| 76) 1,2,3-Trichloropropane    | 12.614 | 75    | 388      | 48.735   | ug/l        | # 100    |
| 77) Bromobenzene              | 12.855 | 156   | 291      | 20.098   | ug/l        | # 1      |
| 79) 2-Chlorotoluene           | 13.132 | 91    | 53       | 1.254    | ug/l        | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 12.614 | 75    | 388      | 130.072  | ug/l        | # 13     |
| 82) 4-Chlorotoluene           | 13.132 | 91    | 53       | 1.195    | ug/l        | # 39     |
| 89) n-Butylbenzene            | 13.708 | 91    | 61       | 1.155    | ug/l        | # 33     |
| 95) Naphthalene               | 15.261 | 128   | 54       | 2.011    | ug/l        | # 69     |
| -----                         |        |       |          |          |             |          |

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

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