

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122722\  
 Data File : VD075054.D  
 Acq On : 27 Dec 2022 15:47  
 Operator : KP/SY  
 Sample : N6183-02RE  
 Misc : 5.08G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 R-2RE

Quant Time: Dec 28 01:53:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D12222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 23 05:54:19 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 0.000  | 168   | 0        | 0.000    | ug/l   | -7.88     |
| 34) 1,4-Difluorobenzene     | 8.781  | 114   | 54       | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 0.000  | 117   | 0        | 0.000    | ug/l   | -11.58    |
| 72) 1,4-Dichlorobenzene-d4  | 0.000  | 152   | 0        | 0.000    | ug/l   | -13.52    |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 0.000  | 65    | 0        | 0.000    | ug/l   |           |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 0.000%#   |
| 35) Dibromofluoromethane    | 0.000  | 113   | 0        | 0.000    | ug/l   |           |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 0.000%#   |
| 50) Toluene-d8              | 10.269 | 98    | 135      | 105.147  | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 210.300%# |
| 62) 4-Bromofluorobenzene    | 0.000  | 95    | 0        | 0.000    | ug/l   |           |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 0.000%#   |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 37) Ethyl Acetate           | 6.893  | 43    | 57       | 274.922  | ug/l # | 65        |
| 41) Methacrylonitrile       | 7.281  | 41    | 55       | 426.358  | ug/l # | 18        |
| 43) Isopropyl Acetate       | 8.528  | 43    | 59       | 141.454  | ug/l # | 46        |
| 48) Methyl methacrylate     | 9.340  | 41    | 65       | 343.086  | ug/l # | 7         |
| 51) 4-Methyl-2-Pentanone    | 10.146 | 43    | 62       | 300.907  | ug/l # | 31        |
| -----                       |        |       |          |          |        |           |

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

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