

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052522\  
 Data File : VD073369.D  
 Acq On : 25 May 2022 19:18  
 Operator : VA/SY  
 Sample : N2886-13  
 Misc : 4.36G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P021-SS004-0006-01

Quant Time: May 26 04:05:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 15:13:42 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.973  | 168   | 98455    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 166280   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 198159   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 93561    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 78139    | 71.814   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 143.620% |
| 35) Dibromofluoromethane    | 7.902  | 113   | 68595    | 62.517   | ug/l   | -0.01    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 125.040% |
| 50) Toluene-d8              | 10.332 | 98    | 209450   | 51.785   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 103.560% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 85786    | 60.437   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 120.880% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 11) Tert butyl alcohol      | 5.179  | 59    | 26616    | 157.665  | ug/l # | 74       |
| 16) Acetone                 | 4.150  | 43    | 19907    | 105.627  | ug/l   | 94       |
| 25) 2-Butanone              | 7.191  | 43    | 4066     | 14.746   | ug/l   | 94       |
| -----                       |        |       |          |          |        |          |

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

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