

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042222\  
 Data File : VY008461.D  
 Acq On : 22 Apr 2022 13:50  
 Operator : KP/MD  
 Sample : N2511-04RE  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 1529RE

Quant Time: Apr 23 01:52:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042122S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 21 14:28:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 91171    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 160660   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 125255   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 38927    | 50.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 49065    | 45.738   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 91.480%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 50565    | 48.767   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 97.540%  |
| 50) Toluene-d8              | 10.179 | 98    | 179952   | 43.829   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 87.660%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 44641    | 31.973   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 63.940%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 11) Tert butyl alcohol      | 4.948  | 59    | 7939     | 53.918   | ug/l # | 84       |
| 16) Acetone                 | 3.942  | 43    | 108132   | 432.767  | ug/l # | 89       |
| 25) 2-Butanone              | 6.984  | 43    | 45986    | 118.964  | ug/l # | 83       |
| 31) Cyclohexane             | 7.789  | 56    | 2572     | 1.458    | ug/l # | 9        |
| 59) 2-Hexanone              | 10.831 | 43    | 7105     | 11.700   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

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

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