

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122322\  
 Data File : VY011996.D  
 Acq On : 23 Dec 2022 14:38  
 Operator : KP/MD  
 Sample : N6190-01  
 Misc : 6.52g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOCATION-1

Quant Time: Dec 23 22:25:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y122022S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 20 12:37:37 2022  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.789     | 168   | 187709   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691     | 114   | 299475   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489    | 117   | 218692   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428    | 152   | 56591    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.142     | 65    | 103130   | 54.534   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | =      | 109.060% |
| 35) Dibromofluoromethane    | 7.716     | 113   | 94932    | 52.654   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | =      | 105.300% |
| 50) Toluene-d8              | 10.179    | 98    | 328246   | 44.874   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery | =      | 89.740%  |
| 62) 4-Bromofluorobenzene    | 12.483    | 95    | 69473    | 28.239   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery | =      | 56.480%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 4.930     | 59    | 26308    | 124.078  | ug/l # | 78       |
| 16) Acetone                 | 3.948     | 43    | 138391   | 245.205  | ug/l   | 96       |
| 25) 2-Butanone              | 6.978     | 43    | 21494    | 34.120   | ug/l # | 89       |
| 26) 2,2-Dichloropropane     | 6.972     | 77    | 19173    | 5.852    | ug/l # | 53       |
| 68) m/p-Xylenes             | 11.703    | 106   | 5005     | 1.568    | ug/l   | 100      |
| -----                       |           |       |          |          |        |          |

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

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