

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY122922\  
 Data File : VY012033.D  
 Acq On : 29 Dec 2022 17:12  
 Operator : KP/MD  
 Sample : N6225-01  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EO-03-122822

Quant Time: Dec 30 04:00:56 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   | 38562    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 57271    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 47088    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 20977    | 50.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 18430    | 47.438   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 94.880%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 17550    | 50.901   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 101.800% |
| 50) Toluene-d8              | 10.179 | 98    | 66492    | 47.532   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 95.060%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 17751    | 37.730   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 75.460%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 68) m/p-Xylenes             | 11.703 | 106   | 949      | 1.381    | ug/l   | 90       |
| 78) n-propylbenzene         | 12.672 | 91    | 2037     | 1.089    | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 12.813 | 105   | 4134     | 3.102    | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.117 | 105   | 17939    | 13.682   | ug/l   | 98       |
| 85) sec-Butylbenzene        | 13.252 | 105   | 2293     | 1.360    | ug/l   | 87       |
| 86) p-Isopropyltoluene      | 13.367 | 119   | 1654m    | 1.162    | ug/l   |          |
| 89) n-Butylbenzene          | 13.697 | 91    | 4835     | 3.753    | ug/l # | 80       |
| -----                       |        |       |          |          |        |          |

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

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