

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011421\  
 Data File : VY003928.D  
 Acq On : 14 Jan 2021 18:47  
 Operator : SY/MD  
 Sample : M1141-22  
 Misc : 4.52G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ETGI-354

Quant Time: Jan 15 00:59:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 12 11:47:10 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 219851   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 386017   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 358894   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 168498   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 152700   | 44.71    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 89.42%   |
| 35) Dibromofluoromethane    | 7.722  | 113   | 120119   | 38.08    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 76.16%   |
| 50) Toluene-d8              | 10.179 | 98    | 499484   | 39.07    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 78.14%   |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 174637   | 37.40    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 74.80%   |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.954  | 43    | 17216    | 20.39    | ug/l   | 99       |
| 17) Carbon Disulfide        | 4.198  | 76    | 23587    | 2.72     | ug/l   | 96       |
| 20) Methylene Chloride      | 4.722  | 84    | 20702    | 6.54     | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene  | 13.117 | 105   | 18748    | 1.44     | ug/l   | 100      |
| 95) Naphthalene             | 15.233 | 128   | 129795   | 15.00    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

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

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