

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092321\  
 Data File : VY006122.D  
 Acq On : 23 Sep 2021 14:24  
 Operator : SY/MD  
 Sample : M3889-01  
 Misc : 6.01G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SUP-UST-03-(5-7)

Quant Time: Sep 24 07:28:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 7.795  | 168   | 116445   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 173963   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 89884    | 50.000   | ug/l   | # 0.00    |
| 72) 1,4-Dichlorobenzene-d4  | 13.404 | 152   | 64561    | 50.000   | ug/l   | #-0.02    |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 69378    | 42.892   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 85.780%   |
| 35) Dibromofluoromethane    | 7.722  | 113   | 50357    | 46.605   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 93.200%   |
| 50) Toluene-d8              | 10.179 | 98    | 269446   | 58.509   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 117.020%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 155593   | 99.513   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 199.020%# |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 16) Acetone                 | 3.948  | 43    | 35976    | 81.092   | ug/l   | 93        |
| 17) Carbon Disulfide        | 4.204  | 76    | 11972    | 3.083    | ug/l   | 98        |
| 25) 2-Butanone              | 6.990  | 43    | 17080    | 27.933   | ug/l   | 94        |
| 31) Cyclohexane             | 7.789  | 56    | 238295   | 91.967   | ug/l   | 96        |
| 39) Methylcyclohexane       | 9.185  | 83    | 890312   | 382.567  | ug/l   | 99        |
| 40) Benzene                 | 8.161  | 78    | 10704    | 1.988    | ug/l   | 98        |
| 52) Toluene                 | 10.246 | 92    | 3537     | 1.066    | ug/l # | 71        |
| 73) Isopropylbenzene        | 12.331 | 105   | 473352   | 93.629   | ug/l   | 100       |
| 78) n-propylbenzene         | 12.672 | 91    | 904797   | 144.649  | ug/l   | 98        |
| 85) sec-Butylbenzene        | 13.257 | 105   | 708454   | 131.971  | ug/l   | 80        |
| 89) n-Butylbenzene          | 13.696 | 91    | 583289   | 136.100  | ug/l # | 87        |
| -----                       |        |       |          |          |        |           |

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

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