

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092721\  
 Data File : VY006159.D  
 Acq On : 27 Sep 2021 13:39  
 Operator : SY/MD  
 Sample : M3875-11  
 Misc : 4.20G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 20883

Quant Time: Sep 28 06:19:50 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       | 7.801  | 168   | 116459   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 182147   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 148786   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 54524    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 70524    | 43.596   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 87.200%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 53717    | 47.481   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 94.960%  |
| 50) Toluene-d8              | 10.185 | 98    | 219443   | 45.510   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 91.020%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 57260    | 34.977   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 69.960%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.954  | 43    | 526339   | 1186.258 | ug/l   | 96       |
| 17) Carbon Disulfide        | 4.204  | 76    | 5178     | 1.333    | ug/l # | 94       |
| 25) 2-Butanone              | 6.996  | 43    | 39619    | 64.786   | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone    | 10.075 | 43    | 9957     | 7.383    | ug/l   | 97       |
| 52) Toluene                 | 10.245 | 92    | 72360    | 20.828   | ug/l   | 99       |
| 59) 2-Hexanone              | 10.837 | 43    | 5038     | 5.411    | ug/l   | 94       |
| 86) p-Isopropyltoluene      | 13.373 | 119   | 45990    | 11.882   | ug/l # | 76       |
| -----                       |        |       |          |          |        |          |

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

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