

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092321\  
 Data File : VU044789.D  
 Acq On : 23 Sep 2021 17:00  
 Operator : SY/MD  
 Sample : M3873-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW7Y2

Quant Time: Sep 24 05:38:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 24 05:26:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 266592   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 259541   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815  | 152   | 113162   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65    | 133118   | 45.613   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 91.220%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 108070   | 46.730   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 93.460%  |
| 11) 1,1-Dichloroethene-d2     | 2.571   | 63    | 185204   | 37.789   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 75.580%  |
| 21) 2-Butanone-d5             | 4.645   | 46    | 264906   | 114.816  | ug/L  | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 114.820% |
| 24) Chloroform-d              | 5.070   | 84    | 203291   | 44.104   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 88.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 145981   | 46.756   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 93.520%  |
| 32) Benzene-d6                | 5.732   | 84    | 420084   | 46.645   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 93.280%  |
| 36) 1,2-Dichloropropane-d6    | 6.697   | 67    | 137690   | 46.888   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 93.780%  |
| 41) Toluene-d8                | 7.902   | 98    | 354112   | 45.562   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 91.120%  |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 60697    | 46.466   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 92.940%  |
| 47) 2-Hexanone-d5             | 8.639   | 63    | 167209   | 102.749  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 102.750% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84    | 206864   | 45.238   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 90.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 125581   | 50.993   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 101.980% |
| Target Compounds              |         |       |          |          |       |          |
| 5) Vinyl chloride             | 1.607   | 62    | 189222   | 60.702   | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.584   | 96    | 28129    | 13.625   | ug/L  | # 11     |
| 17) trans-1,2-Dichloroethene  | 3.359   | 96    | 187933   | 86.416   | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 4.674   | 96    | 14121755 | 5892.915 | ug/L  | 91       |
| 34) Trichloroethene           | 6.549   | 95    | 3718151  | 1608.106 | ug/L  | 98       |
| 42) Toluene                   | 7.973   | 91    | 6356     | 0.650    | ug/L  | 95       |
| -----                         |         |       |          |          |       |          |

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

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