

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092421\  
 Data File : VU044806.D  
 Acq On : 24 Sep 2021 12:51  
 Operator : SY/MD  
 Sample : M3873-04DL 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW7X4DL

Quant Time: Sep 25 02:38:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 25 02:36:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114            | 264770   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117            | 253812   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816  | 152            | 109642   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65             | 126947   | 43.798  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 87.600%  |          |
| 7) Chloroethane-d5            | 1.912   | 69             | 112818   | 49.119  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 98.240%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.571   | 63             | 170527   | 35.034  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 70.060%  |          |
| 21) 2-Butanone-d5             | 4.636   | 46             | 270898   | 118.222 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 118.220% |          |
| 24) Chloroform-d              | 5.070   | 84             | 224730   | 49.091  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 98.180%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65             | 159002   | 51.277  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 102.560% |          |
| 32) Benzene-d6                | 5.732   | 84             | 449621   | 51.052  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 102.100% |          |
| 36) 1,2-Dichloropropane-d6    | 6.697   | 67             | 149892   | 52.196  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 104.400% |          |
| 41) Toluene-d8                | 7.902   | 98             | 374322   | 49.250  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 98.500%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79             | 63666    | 49.839  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 99.680%  |          |
| 47) 2-Hexanone-d5             | 8.639   | 63             | 182592   | 114.735 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 114.730% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84             | 224472   | 50.197  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 100.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152            | 132033   | 55.334  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 110.660% |          |
| Target Compounds              |         |                |          |         |          |          |
| 17) trans-1,2-Dichloroethene  | 3.362   | 96             | 2730     | 1.264   | ug/L     | 96       |
| 20) cis-1,2-Dichloroethene    | 4.671   | 96             | 129032   | 54.215  | ug/L     | 98       |
| 34) Trichloroethene           | 6.546   | 95             | 17766    | 7.857   | ug/L     | 96       |
| 42) Toluene                   | 7.973   | 91             | 5781     | 0.604   | ug/L     | 95       |
| -----                         |         |                |          |         |          |          |

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

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