

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100223\  
 Data File : VU055614.D  
 Acq On : 02 Oct 2023 19:05  
 Operator : MD/SY  
 Sample : 04679-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PMW-4(20230927)

Quant Time: Oct 03 04:59:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 23:33:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 155312   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 158243   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 85060    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 66139    | 4.213    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 64405    | 4.656    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 25383    | 3.929    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.600%  |
| 20) 2-Butanone-d5             | 4.637  | 46    | 94525    | 33.339   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 66.680%  |
| 24) Chloroform-d              | 5.059  | 84    | 129045   | 4.545    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.702  | 65    | 63486    | 4.648    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.000%  |
| 32) Benzene-d6                | 5.727  | 84    | 235348   | 4.252    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 76429    | 4.621    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 199328   | 3.951    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.000%  |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79    | 24683    | 4.253    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.000%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 87054    | 49.314   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 61874    | 4.992    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 77029    | 4.487    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.518  | 50    | 2403     | 0.181    | ug/L   | 98       |
| 5) Vinyl chloride             | 1.602  | 62    | 8628     | 0.601    | ug/L # | 75       |
| 16) Methylene chloride        | 3.043  | 84    | 4071     | 0.313    | ug/L   | 88       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96    | 3327     | 0.304    | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96    | 42012    | 3.311    | ug/L   | 97       |
| 34) Trichloroethene           | 6.541  | 95    | 9955     | 0.773    | ug/L   | 91       |
| 42) Toluene                   | 7.968  | 91    | 12023    | 0.247    | ug/L   | 94       |
| 51) Chlorobenzene             | 9.444  | 112   | 137389   | 4.415    | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.743 | 146   | 265905   | 11.329   | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146   | 277593   | 11.834   | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.213 | 146   | 26219    | 1.218    | ug/L   | 92       |
| 70) 1,2,4-trichlorobenzene    | 13.836 | 180   | 266213   | 21.604   | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.328 | 180   | 8460     | 0.789    | ug/L   | 89       |
| -----                         |        |       |          |          |        |          |

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

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