

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081122\  
 Data File : VU050305.D  
 Acq On : 13 Aug 2022 01:24  
 Operator : SY/MD  
 Sample : N4115-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5D77

Quant Time: Aug 13 02:38:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 13 01:20:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 87852    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 89692    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 34820    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 28769    | 3.935    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 78.800%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 25694    | 4.356    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 87.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 10072    | 3.525    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 70.400%  |
| 20) 2-Butanone-d5             | 4.626  | 46    | 87831    | 49.263   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 98.520%  |
| 24) Chloroform-d              | 5.063  | 84    | 56523    | 4.156    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 30803    | 4.412    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 88.200%  |
| 32) Benzene-d6                | 5.729  | 84    | 102553   | 3.664    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 73.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 37100    | 4.025    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 80.600%  |
| 41) Toluene-d8                | 7.899  | 98    | 75720    | 3.063    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 61.200%# |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 11721    | 3.549    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 71.000%  |
| 46) 2-Hexanone-d5             | 8.635  | 63    | 51505    | 43.974   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 87.940%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 33668    | 4.160    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 83.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 27823    | 4.078    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 81.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 3) Chloromethane              | 1.520  | 50    | 2114     | 0.201    | ug/L  | 92       |
| 5) Vinyl chloride             | 1.604  | 62    | 109012   | 11.550   | ug/L  | 99       |
| 8) Chloroethane               | 1.932  | 64    | 11584    | 2.083    | ug/L  | 96       |
| 13) Acetone                   | 2.632  | 43    | 4031     | 4.060    | ug/L  | 100      |
| 17) Methyl tert-butyl Ether   | 3.366  | 73    | 5772     | 0.364    | ug/L  | 98       |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96    | 22144    | 3.257    | ug/L  | 99       |
| 22) cis-1,2-Dichloroethene    | 4.668  | 96    | 90022    | 11.929   | ug/L  | 99       |
| 33) Benzene                   | 5.774  | 78    | 3673     | 0.117    | ug/L  | 100      |
| 34) Trichloroethene           | 6.542  | 95    | 5650     | 0.743    | ug/L  | 92       |
| -----                         |        |       |          |          |       |          |

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

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