

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011323\  
 Data File : VU052689.D  
 Acq On : 13 Jan 2023 18:57  
 Operator : JC/MD  
 Sample : 01139-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH1Y6

Quant Time: Jan 13 22:28:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 11 00:53:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.244  | 114   | 135076   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 133988   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806 | 152   | 62554    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 45636    | 3.846    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.000%  |
| 7) Chloroethane-d5            | 1.913  | 69    | 41909    | 4.335    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 86.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 22167    | 4.242    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.800%  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 145223   | 45.769   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.540%  |
| 24) Chloroform-d              | 5.060  | 84    | 105486   | 4.765    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 55212    | 4.857    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.200%  |
| 32) Benzene-d6                | 5.723  | 84    | 208408   | 4.799    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 70179    | 4.849    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.000%  |
| 41) Toluene-d8                | 7.893  | 98    | 177321   | 4.631    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.600%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 24657    | 4.581    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.600%  |
| 46) 2-Hexanone-d5             | 8.633  | 63    | 110711   | 49.521   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 51641    | 4.661    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 63921    | 5.613    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 112.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl chloride             | 1.604  | 62    | 9333     | 0.554    | ug/L   | 83       |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 193664   | 16.537   | ug/L # | 77       |
| 14) Carbon disulfide          | 2.790  | 76    | 7475     | 0.185    | ug/L   | 95       |
| 15) Methyl Acetate            | 2.961  | 43    | 35006    | 6.417    | ug/L   | 91       |
| 18) trans-1,2-Dichloroethene  | 3.350  | 96    | 2018     | 0.169    | ug/L   | 83       |
| 19) 1,1-Dichloroethane        | 3.867  | 63    | 362391   | 14.612   | ug/L   | 100      |
| 21) 2-Butanone                | 4.736  | 43    | 41778    | 11.405   | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.662  | 96    | 1729046  | 134.808  | ug/L   | 98       |
| 34) Trichloroethene           | 6.539  | 95    | 590371   | 47.061   | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

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