

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122121\  
 Data File : VU046530.D  
 Acq On : 21 Dec 2021 18:09  
 Operator : SY/MD  
 Sample : M5152-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG3C1

Quant Time: Dec 22 05:46:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 21 14:35:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 90662    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 88509    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152   | 41841    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 34016    | 4.763    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.200%  |
| 7) Chloroethane-d5            | 1.922  | 69    | 27132    | 4.825    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 14647    | 4.864    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.200%  |
| 20) 2-Butanone-d5             | 4.652  | 46    | 108047   | 52.161   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 104.320% |
| 24) Chloroform-d              | 5.070  | 84    | 60795    | 4.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 36188    | 4.838    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.800%  |
| 32) Benzene-d6                | 5.732  | 84    | 120732   | 4.893    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67    | 36197    | 4.882    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.600%  |
| 41) Toluene-d8                | 7.903  | 98    | 104047   | 4.646    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.000%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 15676    | 4.572    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.400%  |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 97308    | 48.335   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 34941    | 4.592    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 39606    | 5.139    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.800% |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl chloride             | 1.610  | 62    | 13774    | 1.171    | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 3.372  | 73    | 4368     | 0.188    | ug/L # | 88       |
| 18) trans-1,2-Dichloroethene  | 3.363  | 96    | 4504     | 0.529    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96    | 87086    | 9.365    | ug/L   | 97       |
| 34) Trichloroethene           | 6.549  | 95    | 2366     | 0.255    | ug/L   | 98       |

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

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