

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111721\  
 Data File : VU045832.D  
 Acq On : 17 Nov 2021 12:01  
 Operator : SY/MD  
 Sample : M4686-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG1Z8

Quant Time: Nov 18 02:18:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 18 02:11:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 86103    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 91538    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 41813    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 20815    | 3.051    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 61.000%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 19672    | 3.961    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 9621     | 3.363    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.200%  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 109867   | 60.097   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 120.200% |
| 24) Chloroform-d              | 5.067  | 84    | 45227    | 3.979    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 30793    | 4.618    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.400%  |
| 32) Benzene-d6                | 5.732  | 84    | 96528    | 3.829    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 33364    | 4.199    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.000%  |
| 41) Toluene-d8                | 7.899  | 98    | 81051    | 3.554    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 71.000%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 12912    | 4.003    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.000%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 74074    | 51.028   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 102.060% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 32803    | 4.887    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 34184    | 4.761    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 11164    | 1.592    | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 3718     | 0.386    | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.584  | 101   | 1839     | 0.326    | ug/L # | 80       |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 3248     | 0.609    | ug/L # | 9        |
| 19) 1,1-Dichloroethane        | 3.880  | 63    | 4483     | 0.419    | ug/L   | 94       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 4844     | 0.782    | ug/L   | 96       |
| 25) Chloroform                | 5.092  | 83    | 9941     | 0.856    | ug/L   | 99       |
| 34) Trichloroethene           | 6.546  | 95    | 57082    | 8.671    | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.555  | 164   | 26762    | 5.807    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

