

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111721\  
 Data File : VU045837.D  
 Acq On : 17 Nov 2021 14:01  
 Operator : SY/MD  
 Sample : M4686-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG1Z5

Quant Time: Nov 18 02:20:06 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   | 92894    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 98463    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152   | 44785    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 22112    | 3.004    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 60.000%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 20119    | 3.755    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 75.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 10259    | 3.323    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.400%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 109468   | 55.502   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.000% |
| 24) Chloroform-d              | 5.067  | 84    | 50537    | 4.121    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 31268    | 4.346    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.000%  |
| 32) Benzene-d6                | 5.732  | 84    | 98229    | 3.623    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 72.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 35027    | 4.099    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 82.000%  |
| 41) Toluene-d8                | 7.902  | 98    | 82417    | 3.360    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.200%# |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 13219    | 3.810    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.200%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 75358    | 48.262   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 33453    | 4.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 35826    | 4.659    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.520  | 50    | 1097     | 0.137    | ug/L   | 90       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 1157     | 0.111    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 3.369  | 73    | 2160     | 0.144    | ug/L # | 91       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 4884     | 0.731    | ug/L   | 91       |
| 34) Trichloroethene           | 6.546  | 95    | 63688    | 8.994    | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.555  | 164   | 12039    | 2.429    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

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

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