

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011321\  
 Data File : VU041983.D  
 Acq On : 13 Jan 2021 16:13  
 Operator : SY/MD  
 Sample : M1026-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXK3

Quant Time: Jan 14 17:01:23 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jan 14 17:00:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.263  | 114   | 149301   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 129292   | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 51384    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 47514    | 4.22     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.40%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 47433    | 4.45     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.00%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 75620    | 3.33     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.60%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 168214   | 44.49    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 88.98%   |
| 24) Chloroform-d              | 5.079  | 84    | 98009    | 4.25     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.716  | 65    | 55272    | 4.40     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.00%   |
| 32) Benzene-d6                | 5.742  | 84    | 193937   | 4.64     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.703  | 67    | 64101    | 4.68     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.60%   |
| 41) Toluene-d8                | 7.903  | 98    | 158161   | 4.23     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.60%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 23817    | 4.32     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.40%   |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 128801   | 45.60    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.20%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    | 44375    | 4.25     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 85.00%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 47027    | 4.86     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.20%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.523  | 50    | 1236     | 0.07     | ug/L # | 79       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 165834   | 7.44     | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101   | 3336     | 0.28     | ug/L # | 84       |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 8868     | 0.76     | ug/L # | 1        |
| 13) Acetone                   | 2.652  | 43    | 5129     | 2.17     | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 3.382  | 73    | 8188     | 0.27     | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.883  | 63    | 24661    | 1.06     | ug/L   | 96       |
| 25) Chloroform                | 5.099  | 83    | 2945     | 0.13     | ug/L   | 93       |
| 29) 1,1,1-Trichloroethane     | 5.330  | 97    | 8701     | 0.46     | ug/L   | 96       |
| 34) Trichloroethene           | 6.552  | 95    | 17693    | 1.48     | ug/L   | 96       |
| 47) Tetrachloroethene         | 8.555  | 164   | 1115     | 0.14     | ug/L   | 79       |
| -----                         |        |       |          |          |        |          |

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

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