

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091323\  
 Data File : VU055284.D  
 Acq On : 13 Sep 2023 15:03  
 Operator : MD/SY  
 Sample : 04307-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4H1

Quant Time: Sep 14 05:05:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 14 05:00:29 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 170491   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.418  | 117   | 185456   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152   | 87722    | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 24536    | 3.071    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 61.400%   |
| 7) Chloroethane-d5            | 1.911  | 69    | 43562    | 4.710    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.200%   |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 13809    | 3.033    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 60.600%   |
| 20) 2-Butanone-d5             | 4.631  | 46    | 157022   | 67.717   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 135.440%# |
| 24) Chloroform-d              | 5.058  | 84    | 100706   | 4.749    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.000%   |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 55281    | 5.211    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.200%  |
| 32) Benzene-d6                | 5.727  | 84    | 176933   | 3.865    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.400%   |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 62476    | 4.291    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.800%   |
| 41) Toluene-d8                | 7.897  | 98    | 143588   | 3.405    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.000%#  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 15415    | 3.844    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.800%   |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 88881    | 54.600   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.200%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84    | 52483    | 5.125    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 58312    | 4.554    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.000%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 3) Chloromethane              | 1.518  | 50    | 1873     | 0.186    | ug/L   | 96        |
| 17) Methyl tert-butyl Ether   | 3.364  | 73    | 3673     | 0.178    | ug/L   | 96        |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 2093     | 0.214    | ug/L # | 83        |
| -----                         |        |       |          |          |        |           |

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

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