

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090723\  
 Data File : VU055198.D  
 Acq On : 07 Sep 2023 19:02  
 Operator : MD/SY  
 Sample : 04286-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4E4

Quant Time: Sep 08 05:10:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 08 05:04:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 166237   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117   | 167455   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814 | 152   | 81782    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 25046    | 3.215    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 64.200%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 34718    | 3.850    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 77.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 16697    | 3.761    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 75.200%  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 122950   | 54.380   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 108.760% |
| 24) Chloroform-d              | 5.062  | 84    | 93124    | 4.504    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 90.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.702  | 65    | 49874    | 4.822    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 96.400%  |
| 32) Benzene-d6                | 5.727  | 84    | 170785   | 4.132    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 82.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 61293    | 4.662    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 93.200%  |
| 41) Toluene-d8                | 7.898  | 98    | 146502   | 3.848    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 77.000%  |
| 43) trans-1,3-Dichloroprop... | 8.184  | 79    | 14974    | 4.136    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 82.800%  |
| 46) 2-Hexanone-d5             | 8.637  | 63    | 64016    | 43.553   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 87.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.756 | 84    | 46259    | 5.003    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 100.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 55666    | 4.663    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 93.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 3) Chloromethane              | 1.515  | 50    | 3144     | 0.320    | ug/L  | 94       |
| 22) cis-1,2-Dichloroethene    | 4.666  | 96    | 35957    | 3.767    | ug/L  | 100      |
| 34) Trichloroethene           | 6.541  | 95    | 38541    | 3.891    | ug/L  | 96       |
| 47) Tetrachloroethene         | 8.554  | 164   | 22004    | 3.214    | ug/L  | 93       |
| -----                         |        |       |          |          |       |          |

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

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