

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091223\  
 Data File : VU055250.D  
 Acq On : 12 Sep 2023 16:03  
 Operator : MD/SY  
 Sample : 04350-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH4J5

Quant Time: Sep 13 01:47:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 13 01:44:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 188983   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 206398   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 99555    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 30119    | 3.400    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 68.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 44625    | 4.353    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 16472    | 3.264    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 65.200%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 143983   | 56.018   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 112.040% |
| 24) Chloroform-d              | 5.062  | 84    | 104082   | 4.428    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65    | 57249    | 4.869    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.400%  |
| 32) Benzene-d6                | 5.727  | 84    | 197360   | 3.874    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67    | 70772    | 4.367    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 87.400%  |
| 41) Toluene-d8                | 7.897  | 98    | 168039   | 3.580    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 71.600%  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 16556    | 3.710    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 74.200%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 92346    | 50.973   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.940% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 52411    | 4.599    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.193 | 152   | 63955    | 4.401    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 12250    | 1.402    | ug/L # | 42       |
| 17) Methyl tert-butyl Ether   | 3.361  | 73    | 4533     | 0.198    | ug/L # | 85       |
| 19) 1,1-Dichloroethane        | 3.869  | 63    | 5794     | 0.302    | ug/L # | 82       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 116856   | 10.769   | ug/L   | 96       |
| 25) Chloroform                | 5.084  | 83    | 12968    | 0.650    | ug/L   | 93       |
| 31) Carbon tetrachloride      | 5.528  | 117   | 11078    | 0.746    | ug/L   | 90       |
| 34) Trichloroethene           | 6.541  | 95    | 121263   | 9.933    | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane     | 8.402  | 97    | 1453     | 0.180    | ug/L   | 86       |
| 47) Tetrachloroethene         | 8.553  | 164   | 29136    | 3.453    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

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

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