

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042523\  
 Data File : VU053878.D  
 Acq On : 25 Apr 2023 12:50  
 Operator : JC/MD  
 Sample : 02392-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHE36

Quant Time: Apr 26 05:10:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR042423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 26 05:09:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.244  | 114   | 155848   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 147316   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 68471    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 38101    | 4.014    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.200%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 34906    | 4.381    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 16180    | 4.142    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.800%  |
| 20) 2-Butanone-d5             | 4.633  | 46    | 83898    | 48.255   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.500%  |
| 24) Chloroform-d              | 5.060  | 84    | 79535    | 4.446    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 39256    | 4.749    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.000%  |
| 32) Benzene-d6                | 5.723  | 84    | 158633   | 4.571    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 51063    | 4.864    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.200%  |
| 41) Toluene-d8                | 7.893  | 98    | 144146   | 4.451    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.000%  |
| 43) trans-1,3-Dichloroprop... | 8.173  | 79    | 18297    | 4.431    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.600%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 72685    | 49.741   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 37587    | 4.430    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 50709    | 4.617    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101   | 3102     | 0.279    | ug/L # | 78       |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 254416   | 25.954   | ug/L # | 80       |
| 16) Methylene chloride        | 3.047  | 84    | 5029     | 0.376    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 3.363  | 73    | 5586     | 0.263    | ug/L # | 86       |
| 19) 1,1-Dichloroethane        | 3.864  | 63    | 265419   | 14.806   | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.662  | 96    | 45973    | 4.114    | ug/L   | 97       |
| 25) Chloroform                | 5.083  | 83    | 16543    | 0.850    | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.797  | 62    | 2856     | 0.256    | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane     | 5.311  | 97    | 30463    | 1.839    | ug/L   | 99       |
| 34) Trichloroethene           | 6.536  | 95    | 807228   | 71.338   | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 8.398  | 97    | 726      | 0.094    | ug/L # | 73       |
| 47) Tetrachloroethene         | 8.549  | 164   | 148308   | 16.536   | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

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

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