

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122023\  
 Data File : VU057099.D  
 Acq On : 20 Dec 2023 18:04  
 Operator : MD/SY  
 Sample : 05866-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7C40

Quant Time: Dec 20 23:47:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 20 23:41:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 173162   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 181203   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 78976    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 57504    | 3.874    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 77.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 52020    | 4.683    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 93.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 26038    | 4.100    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 82.000%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 126524   | 43.164   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 86.320%  |
| 24) Chloroform-d              | 5.055  | 84    | 132397   | 4.710    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 94.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 68959    | 5.185    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 103.600% |
| 32) Benzene-d6                | 5.721  | 84    | 233893   | 4.161    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 72858    | 4.142    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 82.800%  |
| 41) Toluene-d8                | 7.894  | 98    | 200502   | 3.991    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 79.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 27812    | 4.077    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 81.600%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 101770   | 39.553   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 79.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 57343    | 4.505    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 90.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 72437    | 4.666    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 93.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 43502    | 3.094    | ug/L  | 92       |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 58729    | 1.884    | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 149837   | 5.465    | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.669  | 96    | 2460     | 0.159    | ug/L  | 93       |
| 34) Trichloroethene           | 6.537  | 95    | 54086    | 3.096    | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.550  | 164   | 12553    | 1.027    | ug/L  | 91       |
| -----                         |        |       |          |          |       |          |

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

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