

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121923\  
 Data File : VU057036.D  
 Acq On : 19 Dec 2023 11:56  
 Operator : MD/SY  
 Sample : 05830-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AC4

Quant Time: Dec 20 04:55:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 20 04:54:16 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 212583   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 216639   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 86113    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 52240    | 2.867    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 57.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 49668    | 3.642    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 72.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 24001    | 3.079    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 61.600%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 150714   | 41.882   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 83.760%  |
| 24) Chloroform-d              | 5.055  | 84    | 133258   | 3.862    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 77.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 68051    | 4.168    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 83.400%  |
| 32) Benzene-d6                | 5.721  | 84    | 223599   | 3.328    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 66.600%# |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 73956    | 3.516    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 70.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 177883   | 2.962    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 59.200%# |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 23651    | 2.900    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 58.000%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 108240   | 35.186   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 70.380%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 59094    | 3.883    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 77.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 65247    | 3.854    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 77.000%# |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 10508    | 0.609    | ug/L  | # 1      |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 8110     | 0.212    | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 7235     | 0.380    | ug/L  | 87       |
| 34) Trichloroethene           | 6.537  | 95    | 99475    | 4.763    | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.547  | 164   | 239079   | 16.357   | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

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

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