

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121823\  
 Data File : VU056990.D  
 Acq On : 18 Dec 2023 13:49  
 Operator : MD/SY  
 Sample : 05890-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGRT6

Quant Time: Dec 19 01:40:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 19 01:20:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 215090   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 222825   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 95625    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 85989    | 4.664    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 93.200%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 68838    | 4.989    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 99.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 36146    | 4.582    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 91.600%  |
| 20) 2-Butanone-d5             | 4.615  | 46    | 151335   | 41.564   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 83.120%  |
| 24) Chloroform-d              | 5.055  | 84    | 157723   | 4.518    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 90.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 75888    | 4.593    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 91.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 298874   | 4.324    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 86.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 89044    | 4.116    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 82.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 245364   | 3.972    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 79.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 34326    | 4.092    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 81.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 117800   | 37.231   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 74.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 65618    | 4.192    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 83.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 85264    | 4.536    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 90.800%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 3.042  | 84    | 6439     | 0.338    | ug/L  | 87       |
| 42) Toluene                   | 7.965  | 91    | 23913    | 0.295    | ug/L  | 96       |
| 47) Tetrachloroethene         | 8.547  | 164   | 7549     | 0.502    | ug/L  | 92       |
| -----                         |        |       |          |          |       |          |

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

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