

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121823\  
 Data File : VU056987.D  
 Acq On : 18 Dec 2023 12:38  
 Operator : MD/SY  
 Sample : 05890-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGRW0

Quant Time: Dec 18 14:31:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Dec 18 01:16:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 239955   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 245471   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 104708   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 93284    | 4.535    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 90.800%  |
| 7) Chloroethane-d5            | 1.908  | 69    | 68485    | 4.450    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 89.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 41277    | 4.690    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 93.800%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 147975   | 36.430   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 72.860%  |
| 24) Chloroform-d              | 5.055  | 84    | 169232   | 4.345    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 86.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 79247    | 4.300    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 86.000%  |
| 32) Benzene-d6                | 5.721  | 84    | 321761   | 4.226    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 84.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 98847    | 4.148    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 83.000%  |
| 41) Toluene-d8                | 7.894  | 98    | 270784   | 3.979    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 79.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 36235    | 3.921    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 78.400%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 127373   | 36.543   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 73.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 69351    | 4.022    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 80.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 90092    | 4.377    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 87.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 3.036  | 84    | 6218     | 0.293    | ug/L  | 90       |
| 42) Toluene                   | 7.968  | 91    | 23052    | 0.258    | ug/L  | 90       |
| -----                         |        |       |          |          |       |          |

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

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