

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121523\  
 Data File : VU056896.D  
 Acq On : 15 Dec 2023 22:27  
 Operator : MD/SY  
 Sample : 05809-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7C02

Quant Time: Dec 16 00:07:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 15 01:53:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 208474   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 219413   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 91354    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 82412    | 4.612    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 92.200%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 67225    | 5.027    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 100.600% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 36787    | 4.812    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 96.200%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 202482   | 57.377   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 114.760% |
| 24) Chloroform-d              | 5.055  | 84    | 178542   | 5.276    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 105.600% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 88015    | 5.497    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 110.000% |
| 32) Benzene-d6                | 5.721  | 84    | 339572   | 4.990    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 109661   | 5.148    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 103.000% |
| 41) Toluene-d8                | 7.894  | 98    | 271290   | 4.460    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 89.200%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 39055    | 4.728    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 94.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 158224   | 50.785   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 101.560% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 80677    | 5.235    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 104.600% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 97218    | 5.414    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 108.200% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 11037    | 0.652    | ug/L  | # 1      |
| 47) Tetrachloroethene         | 8.547  | 164   | 8485     | 0.573    | ug/L  | 95       |
| -----                         |        |       |          |          |       |          |

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

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