

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121823\  
 Data File : VU056988.D  
 Acq On : 18 Dec 2023 13:02  
 Operator : MD/SY  
 Sample : 05890-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGR39

Quant Time: Dec 18 14:31:30 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        | 6.242  | 114            | 214791   | 5.000   | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 225117   | 5.000   | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 96478    | 5.000   | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65             | 88507    | 4.807   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 96.200%  |          |
| 7) Chloroethane-d5            | 1.904  | 69             | 71779    | 5.210   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 104.200% |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 37727    | 4.789   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 95.800%  |          |
| 20) 2-Butanone-d5             | 4.615  | 46             | 149372   | 41.082  | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 82.160%  |          |
| 24) Chloroform-d              | 5.055  | 84             | 162693   | 4.666   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 93.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 77421    | 4.693   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 93.800%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 307096   | 4.398   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 88.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 95474    | 4.369   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 87.400%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 259453   | 4.157   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 83.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79             | 35292    | 4.164   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 83.200%  |          |
| 46) 2-Hexanone-d5             | 8.628  | 63             | 145069   | 45.382  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 90.760%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84             | 68344    | 4.322   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 86.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 88832    | 4.684   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 93.600%  |          |
| Target Compounds              |        |                |          |         |          |          |
|                               |        |                |          |         | Qvalue   |          |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96             | 4301     | 0.224   | ug/L     | 87       |
| 34) Trichloroethene           | 6.538  | 95             | 10556    | 0.486   | ug/L     | 91       |
| 47) Tetrachloroethene         | 8.550  | 164            | 2650888  | 174.536 | ug/L     | 98       |
| -----                         |        |                |          |         |          |          |

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

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