

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091824\  
 Data File : VU060878.D  
 Acq On : 18 Sep 2024 18:25  
 Operator : MD/SY  
 Sample : P3952-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B25

Quant Time: Sep 19 05:16:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 19 05:11:13 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 161542   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 168521   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 69766    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 43728    | 3.010    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 60.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 36669    | 3.545    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 70.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 18367    | 3.567    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 71.400%  |
| 20) 2-Butanone-d5             | 4.637  | 46    | 96349    | 41.306   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 82.620%  |
| 24) Chloroform-d              | 5.055  | 84    | 88626    | 3.990    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 79.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 41242    | 3.885    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 77.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 170852   | 3.783    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 75.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 55360    | 3.961    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 79.200%  |
| 41) Toluene-d8                | 7.891  | 98    | 143380   | 3.482    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 69.600%# |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 17918    | 3.562    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 71.200%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 82473    | 41.562   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 83.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 44161    | 4.034    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 80.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 54902    | 4.683    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 93.600%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 4871     | 0.479    | ug/L  | # 1      |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 6231     | 0.535    | ug/L  | 94       |
| 25) Chloroform                | 5.081  | 83    | 19821    | 0.899    | ug/L  | 97       |
| 31) Carbon tetrachloride      | 5.515  | 117   | 70816    | 4.396    | ug/L  | 99       |
| 34) Trichloroethene           | 6.537  | 95    | 19166    | 1.578    | ug/L  | 96       |
| 47) Tetrachloroethene         | 8.547  | 164   | 37970    | 3.933    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

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

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