

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091924\  
 Data File : VU060903.D  
 Acq On : 19 Sep 2024 17:07  
 Operator : MD/SY  
 Sample : P3952-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B49

Quant Time: Sep 19 23:59:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 19 23:54:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 126997   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 135445   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 56336    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 34310    | 3.004    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 60.000%  |
| 7) Chloroethane-d5            | 1.910  | 69    | 31811    | 3.912    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 14709    | 3.633    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.600%  |
| 20) 2-Butanone-d5             | 4.634  | 46    | 89848    | 48.997   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.000%  |
| 24) Chloroform-d              | 5.055  | 84    | 79128    | 4.531    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 39563    | 4.740    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 141767   | 3.905    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 47444    | 4.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 120369   | 3.637    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 16833    | 4.163    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.200%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 72576    | 45.506   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 40067    | 4.553    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 44869    | 4.740    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.599  | 62    | 16753    | 1.529    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 2407     | 0.301    | ug/L # | 1        |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 3040     | 0.183    | ug/L # | 82       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 27596    | 3.012    | ug/L   | 98       |
| 25) Chloroform                | 5.078  | 83    | 12463    | 0.719    | ug/L   | 96       |
| 31) Carbon tetrachloride      | 5.521  | 117   | 18701    | 1.445    | ug/L   | 96       |
| 34) Trichloroethene           | 6.537  | 95    | 32615    | 3.341    | ug/L   | 95       |
| 47) Tetrachloroethene         | 8.547  | 164   | 46361    | 5.975    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

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