

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092024\  
 Data File : VU060952.D  
 Acq On : 20 Sep 2024 18:51  
 Operator : MD/SY  
 Sample : P3987-16DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH8Q6DL

Quant Time: Sep 21 01:44:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 21 01:39:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 127964   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 133792   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 52202    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 49459    | 4.297    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 38419    | 4.688    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 17979    | 4.407    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 88.200%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 83590    | 45.240   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.480%  |
| 24) Chloroform-d              | 5.052  | 84    | 78835    | 4.481    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 39169    | 4.657    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 150521   | 4.197    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 49855    | 4.493    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 123310   | 3.772    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 15936    | 3.990    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 65313    | 41.458   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.920%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 36870    | 4.242    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 84.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 40783    | 4.649    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.599  | 62    | 22179    | 2.008    | ug/L   | 97       |
| 8) Chloroethane               | 1.930  | 64    | 2592     | 0.384    | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.573  | 96    | 49609    | 6.163    | ug/L   | 92       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96    | 3564     | 0.427    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 44376    | 2.650    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 42020    | 4.552    | ug/L   | 96       |
| 34) Trichloroethene           | 6.534  | 95    | 33334    | 3.456    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

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