

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100124\  
 Data File : VU061059.D  
 Acq On : 01 Oct 2024 21:29  
 Operator : MD/SY  
 Sample : P4227-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Oct 02 02:38:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 02 02:09:38 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene     | 6.241  | 114  | 171795   | 5.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.412  | 117  | 160690   | 5.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152  | 74823    | 5.000 | ug/L  | 0.00     |

|                               |        |       |          |          |      |          |
|-------------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds   |        |       |          |          |      |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 55360    | 4.507    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 90.200%  |
| 7) Chloroethane-d5            | 1.910  | 69    | 42549    | 4.628    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 92.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 23916    | 4.414    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 88.200%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 146345   | 49.742   | ug/L | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 99.480%  |
| 24) Chloroform-d              | 5.055  | 84    | 99091    | 4.578    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 91.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 55987    | 4.880    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 97.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 202947   | 4.790    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 95.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 68563    | 4.927    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 98.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 186574   | 4.711    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 94.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 27636    | 4.645    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 93.000%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 124800   | 50.679   | ug/L | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 101.360% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 49688    | 4.869    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 97.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 61447    | 5.136    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 102.800% |

|                            |        |     |        |        |        |    |
|----------------------------|--------|-----|--------|--------|--------|----|
| Target Compounds           |        |     |        | Qvalue |        |    |
| 5) Vinyl chloride          | 1.599  | 62  | 2293   | 0.189  | ug/L # | 56 |
| 12) 1,1-Dichloroethene     | 2.573  | 96  | 2119   | 0.214  | ug/L # | 1  |
| 14) Carbon disulfide       | 2.788  | 76  | 4203   | 0.125  | ug/L   | 99 |
| 19) 1,1-Dichloroethane     | 3.862  | 63  | 123738 | 5.847  | ug/L   | 98 |
| 22) cis-1,2-Dichloroethene | 4.669  | 96  | 2063   | 0.170  | ug/L   | 90 |
| 35) Methylcyclohexane      | 6.682  | 83  | 15694  | 0.757  | ug/L # | 19 |
| 37) 1,2-Dichloropropane    | 6.682  | 63  | 7567   | 0.606  | ug/L # | 93 |
| 51) Chlorobenzene          | 9.444  | 112 | 6904   | 0.225  | ug/L   | 90 |
| 61) 1,2,3-Trichloropropane | 11.743 | 75  | 1276   | 0.174  | ug/L # | 40 |
| 64) 1,3-Dichlorobenzene    | 11.746 | 146 | 3668   | 0.171  | ug/L   | 93 |
| 65) 1,4-Dichlorobenzene    | 11.830 | 146 | 9087   | 0.429  | ug/L   | 95 |
| 67) 1,2-Dichlorobenzene    | 12.206 | 146 | 4509   | 0.227  | ug/L # | 89 |
| 69) 1,3,5-Trichlorobenzene | 13.836 | 180 | 27591  | 1.827  | ug/L # | 97 |
| 70) 1,2,4-trichlorobenzene | 13.836 | 180 | 27591  | 2.384  | ug/L   | 95 |
| 72) 1,2,3-Trichlorobenzene | 14.331 | 180 | 3313   | 0.344  | ug/L   | 97 |

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

