

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122123\  
 Data File : VU057149.D  
 Acq On : 21 Dec 2023 21:14  
 Operator : MD/SY  
 Sample : 05894-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH3L7

Quant Time: Dec 21 23:34:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 21 23:30:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 163368   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 160496   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 72177    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 77377    | 4.955    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 99.200%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 65739    | 5.115    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 102.200% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 32588    | 4.817    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 96.400%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 139852   | 57.044   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 114.080% |
| 24) Chloroform-d              | 5.055  | 84    | 149059   | 4.943    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 75805    | 5.275    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.400% |
| 32) Benzene-d6                | 5.721  | 84    | 270669   | 4.917    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 79625    | 5.083    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.600% |
| 41) Toluene-d8                | 7.894  | 98    | 233419   | 4.644    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.800%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 30442    | 4.668    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 115887   | 52.196   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 104.400% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 58221    | 5.223    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 80996    | 5.215    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.602  | 62    | 11384    | 0.797    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 8792     | 0.720    | ug/L # | 1        |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 118620   | 5.018    | ug/L   | 100      |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 185061   | 14.109   | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97    | 52056    | 2.041    | ug/L   | 99       |
| 33) Benzene                   | 5.772  | 78    | 11099    | 0.218    | ug/L   | 100      |
| 34) Trichloroethene           | 6.537  | 95    | 450483   | 30.277   | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.553  | 164   | 3836     | 0.360    | ug/L   | 84       |
| 51) Chlorobenzene             | 9.441  | 112   | 919610   | 26.204   | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.746 | 146   | 4241     | 0.169    | ug/L   | 88       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146   | 32469    | 1.282    | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146   | 30844    | 1.371    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

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

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