

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120222\  
 Data File : VU052174.D  
 Acq On : 02 Dec 2022 13:38  
 Operator : JC/MD  
 Sample : VSTDCCC0.5EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5091

Quant Time: Dec 02 21:39:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM120122.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 02 00:27:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.206  | 114   | 15136    | 0.500    | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.361  | 117   | 13557    | 0.500    | ug/L   | 0.01     |
| 11) 1,4-Dichlorobenzene-d4    | 11.742 | 152   | 6064     | 0.500    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 2) Vinyl Chloride-d3          | 1.598  | 65    | 8658     | 0.485    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 40 - 130 | Recovery | =      | 98.000%  |
| 4) 1,2-Dichloroethane-d4      | 5.661  | 65    | 7265     | 0.430    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 86.000%  |
| 7) 1,2-Dichloropropane-d6     | 6.639  | 67    | 8362     | 0.513    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 60 - 140 | Recovery | =      | 102.000% |
| 8) Toluene-d8                 | 7.845  | 98    | 10664    | 0.434    | ug/L   | 0.01     |
| Spiked Amount                 | 0.500  | Range | 70 - 130 | Recovery | =      | 86.000%  |
| 10) 1,1,2,2-Tetrachloroeth... | 10.679 | 84    | 8414     | 0.483    | ug/L   | 0.00     |
| Spiked Amount                 | 0.500  | Range | 65 - 120 | Recovery | =      | 96.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Vinyl chloride             | 1.598  | 62    | 9790     | 0.507    | ug/L   | 99       |
| 6) Trichloroethene            | 6.489  | 95    | 7806     | 0.514    | ug/L   | 100      |
| 9) 1,2-Dibromoethane          | 8.866  | 107   | 5809     | 0.509    | ug/L   | 97       |
| 12) 1,2,3-Trichloropropane    | 10.748 | 75    | 4970     | 0.490    | ug/L   | 99       |
| 13) 1,2-Dibromo-3-chloropr... | 12.924 | 75    | 922      | 0.455    | ug/L # | 71       |
| -----                         |        |       |          |          |        |          |

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

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