

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100523\  
 Data File : VU055678.D  
 Acq On : 05 Oct 2023 17:31  
 Operator : MD/SY  
 Sample : VSTDCCC0.5EC  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD0.5108

Quant Time: Oct 06 07:11:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUSIM100523.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 06 06:49:44 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc  | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|-------|--------|----------|
| -----                         |                |      |                      |       |        |          |
| Internal Standards            |                |      |                      |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.258          | 114  | 10641                | 0.500 | ug/L   | 0.00     |
| 5) Chlorobenzene-d5           | 9.419          | 117  | 15479                | 0.500 | ug/L   | 0.00     |
| 11) 1,4-Dichlorobenzene-d4    | 11.808         | 152  | 5158                 | 0.500 | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |                      |       |        |          |
| 2) Vinyl Chloride-d3          | 1.597          | 65   | 3809                 | 0.592 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 40 - 130 |      | Recovery = 118.000%  |       |        |          |
| 4) 1,2-Dichloroethane-d4      | 5.685          | 65   | 4667                 | 0.584 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 116.000%  |       |        |          |
| 7) 1,2-Dichloropropane-d6     | 6.687          | 67   | 4928                 | 0.541 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 60 - 140 |      | Recovery = 108.000%  |       |        |          |
| 8) Toluene-d8                 | 7.887          | 98   | 9992                 | 0.486 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 70 - 130 |      | Recovery = 98.000%   |       |        |          |
| 10) 1,1,2,2-Tetrachloroeth... | 10.745         | 84   | 4488                 | 0.619 | ug/L   | 0.00     |
| Spiked Amount 0.500           | Range 65 - 120 |      | Recovery = 124.000%# |       |        |          |
| Target Compounds              |                |      |                      |       |        |          |
|                               |                |      |                      |       | Qvalue |          |
| 3) Vinyl chloride             | 1.597          | 62   | 8435                 | 0.558 | ug/L   | 99       |
| 6) Trichloroethene            | 6.544          | 95   | 5367                 | 0.497 | ug/L   | 97       |
| 9) 1,2-Dibromoethane          | 8.924          | 107  | 3893                 | 0.586 | ug/L   | 99       |
| 12) 1,2,3-Trichloropropane    | 10.814         | 75   | 3835                 | 0.651 | ug/L   | 98       |
| 13) 1,2-Dibromo-3-chloropr... | 12.990         | 75   | 690                  | 0.672 | ug/L   | 98       |
| -----                         |                |      |                      |       |        |          |

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

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