

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102723\  
 Data File : VU055949.D  
 Acq On : 28 Oct 2023 02:53  
 Operator : MD/SY  
 Sample : 05113-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B55

Quant Time: Oct 28 05:27:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 25 05:19:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 358943   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 354305   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 167538   | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 63471    | 2.235    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 44.800%   |
| 7) Chloroethane-d5            | 1.914  | 69    | 62950    | 2.844    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 56.800%#  |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 29377    | 2.437    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 48.800%#  |
| 20) 2-Butanone-d5             | 4.628  | 46    | 260469   | 51.420   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.840%  |
| 24) Chloroform-d              | 5.058  | 84    | 178790   | 3.398    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 68.000%#  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 88982    | 3.471    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.400%#  |
| 32) Benzene-d6                | 5.724  | 84    | 322962   | 3.060    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 61.200%#  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 114916   | 3.673    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 73.400%   |
| 41) Toluene-d8                | 7.894  | 98    | 265080   | 2.769    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 55.400%#  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 35966    | 2.939    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 58.800%   |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 213508   | 68.736   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 137.480%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 99995    | 4.389    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.800%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 113417   | 3.628    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 72.600%#  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 33) Benzene                   | 5.775  | 78    | 13690    | 0.175    | ug/L   | 100       |
| 47) Tetrachloroethene         | 8.554  | 164   | 11826047 | 772.083  | ug/L   | 99        |
| -----                         |        |       |          |          |        |           |

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

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