

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012924\  
 Data File : VU057724.D  
 Acq On : 29 Jan 2024 18:09  
 Operator : MD/SY  
 Sample : P1239-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0FB5

Quant Time: Jan 30 00:35:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jan 30 00:30:52 2024  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|----------|----------|
| -----                         |        |        |          |          |        |          |          |
| Internal Standards            |        |        |          |          |        |          |          |
| 1) 1,4-Difluorobenzene        |        | 6.242  | 114      | 65707    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          |        | 9.412  | 117      | 59627    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.808 | 152      | 27622    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |          |          |
| 4) Vinyl Chloride-d3          |        | 1.596  | 65       | 19886    | 5.493  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 109.800% |          |
| 7) Chloroethane-d5            |        | 1.911  | 69       | 16360    | 5.393  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 107.800% |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.560  | 65       | 9115     | 5.355  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 107.000% |          |
| 20) 2-Butanone-d5             |        | 4.628  | 46       | 37457    | 54.845 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 109.700% |          |
| 24) Chloroform-d              |        | 5.055  | 84       | 37388    | 5.088  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 101.800% |          |
| 26) 1,2-Dichloroethane-d4     |        | 5.695  | 65       | 19040    | 5.702  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 114.000% |          |
| 32) Benzene-d6                |        | 5.721  | 84       | 75328    | 5.386  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 107.800% |          |
| 36) 1,2-Dichloropropane-d6    |        | 6.686  | 67       | 23059    | 5.466  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 109.400% |          |
| 41) Toluene-d8                |        | 7.891  | 98       | 69990    | 5.272  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 105.400% |          |
| 43) trans-1,3-Dichloroprop... |        | 8.178  | 79       | 8375     | 4.981  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 99.600%  |          |
| 46) 2-Hexanone-d5             |        | 8.628  | 63       | 29722    | 55.405 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 110.820% |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.750 | 84       | 14878    | 5.261  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 105.200% |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 12.187 | 152      | 22296    | 5.752  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 115.000% |          |
| Target Compounds              |        |        |          |          |        |          |          |
| 19) 1,1-Dichloroethane        |        | 3.863  | 63       | 2998     | 0.323  | ug/L     | 92       |
| 22) cis-1,2-Dichloroethene    |        | 4.666  | 96       | 1122     | 0.207  | ug/L     | 89       |
| -----                         |        |        |          |          |        |          |          |

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

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