

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011625\  
 Data File : VU062847.D  
 Acq On : 17 Jan 2025 02:45  
 Operator : MD/SY  
 Sample : Q1071-11DL 40X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCQ77DL

Quant Time: Jan 17 03:06:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 16 23:11:57 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 97916    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.406  | 117   | 93051    | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 44058    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 11635    | 2.146    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 43.000%  |
| 7) Chloroethane-d5            | 1.901  | 69    | 12582    | 2.884    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 57.600%# |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 7174     | 2.554    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 51.000%# |
| 20) 2-Butanone-d5             | 4.605  | 46    | 58272    | 52.575   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 105.160% |
| 24) Chloroform-d              | 5.049  | 84    | 49862    | 3.737    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 74.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 30239    | 4.178    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 83.600%  |
| 32) Benzene-d6                | 5.714  | 84    | 74973    | 3.296    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 66.000%# |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 23058    | 3.656    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 73.200%  |
| 41) Toluene-d8                | 7.888  | 98    | 67282    | 3.036    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 60.800%# |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 11030    | 3.509    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 70.200%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 45770    | 46.293   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 92.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 24379    | 4.616    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 30029    | 4.097    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 82.000%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 8) Chloroethane               | 1.924  | 64    | 3221     | 0.761    | ug/L  | 87       |
| 12) 1,1-Dichloroethene        | 2.570  | 96    | 26042    | 4.284    | ug/L  | 86       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96    | 1834     | 0.282    | ug/L  | 86       |
| 19) 1,1-Dichloroethane        | 3.853  | 63    | 13732    | 1.179    | ug/L  | 95       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96    | 67159    | 9.470    | ug/L  | 99       |
| -----                         |        |       |          |          |       |          |

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

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