

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091725\  
 Data File : VU063602.D  
 Acq On : 17 Sep 2025 11:58  
 Operator : MD/SY  
 Sample : VSTDICV005  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VICV026

Quant Time: Sep 18 06:25:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091725WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 18 06:17:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 162648   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 149666   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 75416    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 38106    | 4.557    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 91.200%  |
| 7) Chloroethane-d5            | 1.898  | 69    | 37992    | 4.727    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.550  | 65    | 17383    | 4.357    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.200%  |
| 20) 2-Butanone-d5             | 4.615  | 46    | 112816   | 46.886   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.780%  |
| 24) Chloroform-d              | 5.049  | 84    | 93136    | 4.661    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 48108    | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.200%  |
| 32) Benzene-d6                | 5.714  | 84    | 172598   | 4.802    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 54522    | 4.687    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 7.888  | 98    | 156056   | 4.839    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 14672    | 4.607    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.200%  |
| 46) 2-Hexanone-d5             | 8.624  | 63    | 80753    | 48.136   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 43033    | 4.589    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 57015    | 4.866    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.380  | 85    | 61376    | 4.742    | ug/L   | 99       |
| 3) Chloromethane              | 1.515  | 50    | 69023    | 4.817    | ug/L   | 97       |
| 5) Vinyl chloride             | 1.596  | 62    | 73789    | 4.812    | ug/L   | 97       |
| 6) Bromomethane               | 1.840  | 94    | 43937    | 4.849    | ug/L   | 97       |
| 8) Chloroethane               | 1.920  | 64    | 46092    | 4.870    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 2.126  | 101   | 98540    | 4.911    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.563  | 101   | 56103    | 4.943    | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.563  | 96    | 50220    | 4.774    | ug/L   | 93       |
| 13) Acetone                   | 2.618  | 43    | 112100   | 53.042   | ug/L   | 100      |
| 14) Carbon disulfide          | 2.779  | 76    | 132433   | 4.765    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.946  | 43    | 23003    | 4.805    | ug/L   | 98       |
| 16) Methylene chloride        | 3.030  | 84    | 74159    | 6.023    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 3.354  | 73    | 126042   | 4.860    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 3.338  | 96    | 54683    | 5.030    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.853  | 63    | 109659   | 4.952    | ug/L   | 100      |
| 21) 2-Butanone                | 4.692  | 43    | 151968   | 49.565   | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.650  | 96    | 60042    | 4.856    | ug/L   | 98       |
| 23) Bromochloromethane        | 4.962  | 128   | 27679    | 5.054    | ug/L   | 97       |
| 25) Chloroform                | 5.071  | 83    | 110536   | 4.870    | ug/L   | 99       |

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 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VICV026

Quant Time: Sep 18 06:25:28 2025  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 18 06:17:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.782  | 62   | 72749    | 4.836  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 5.300  | 97   | 86354    | 5.035  | ug/L  | 98       |
| 30) Cyclohexane               | 5.370  | 56   | 101300   | 5.007  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.509  | 117  | 66081    | 4.921  | ug/L  | 98       |
| 33) Benzene                   | 5.759  | 78   | 239631   | 5.123  | ug/L  | 100      |
| 34) Trichloroethene           | 6.531  | 95   | 66188    | 5.160  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.750  | 83   | 93945    | 4.801  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.779  | 63   | 62224    | 4.911  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.094  | 83   | 70117    | 5.174  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.595  | 75   | 74542    | 5.188  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.779  | 43   | 376143   | 51.868 | ug/L  | 99       |
| 42) Toluene                   | 7.959  | 91   | 256515   | 5.113  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.200  | 75   | 52094    | 4.935  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 8.389  | 97   | 44798    | 5.165  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.544  | 164  | 49872    | 5.093  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.672  | 43   | 271260   | 53.322 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.798  | 129  | 41016    | 5.172  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.914  | 107  | 39525    | 5.108  | ug/L  | 97       |
| 51) Chlorobenzene             | 9.438  | 112  | 162654   | 5.007  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.560  | 91   | 279970   | 5.071  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.685  | 106  | 106763   | 5.154  | ug/L  | 100      |
| 54) o-Xylene                  | 10.090 | 106  | 105801   | 5.278  | ug/L  | 96       |
| 55) Styrene                   | 10.106 | 104  | 172199   | 5.237  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 51211    | 4.942  | ug/L  | 95       |
| 59) Bromoform                 | 10.280 | 173  | 20366    | 4.988  | ug/L  | 97       |
| 60) Isopropylbenzene          | 10.473 | 105  | 282451   | 5.206  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.814 | 75   | 38530    | 5.155  | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 234469   | 5.315  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 224010   | 5.318  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.737 | 146  | 126416   | 5.200  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.827 | 146  | 127249   | 5.184  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146  | 116387   | 5.128  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.991 | 75   | 6171     | 5.346  | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 13.212 | 180  | 91634    | 5.036  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180  | 74724    | 5.321  | ug/L  | 99       |
| 71) Naphthalene               | 14.081 | 128  | 117749   | 5.604  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 64939    | 5.387  | ug/L  | 98       |

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

