

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111925\  
 Data File : VU063742.D  
 Acq On : 19 Nov 2025 11:28  
 Operator : MD/SY  
 Sample : VSTD01030  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD010030

Quant Time: Nov 20 02:50:56 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111925WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 20 02:48:03 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.222  | 114  | 174877   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.393  | 117  | 183258   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.785 | 152  | 123718   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.583  | 65   | 189300   | 17.123  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.891  | 69   | 164333   | 15.996  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.541  | 65   | 86325    | 16.471  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.589  | 46   | 343679   | 125.587 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.029  | 84   | 405524   | 16.004  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.669  | 65   | 203480   | 15.259  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.695  | 84   | 788060   | 15.271  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.660  | 67   | 223283   | 13.795  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.872  | 98   | 747984   | 15.872  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.155  | 79   | 73654    | 16.053  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.605  | 63   | 278227   | 128.202 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.730 | 84   | 163812   | 12.977  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.167 | 152  | 260002   | 12.442  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.374  | 85   | 130865   | 9.433   | ug/L  | 98       |
| 3) Chloromethane              | 1.509  | 50   | 95602    | 6.657   | ug/L  | 97       |
| 5) Vinyl chloride             | 1.589  | 62   | 123814   | 7.839   | ug/L  | 99       |
| 6) Bromomethane               | 1.837  | 94   | 78279    | 8.237   | ug/L  | 93       |
| 8) Chloroethane               | 1.914  | 64   | 88578    | 8.792   | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 2.116  | 101  | 245929   | 10.986  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.554  | 101  | 151219   | 11.668  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.554  | 96   | 115057   | 9.941   | ug/L  | 91       |
| 13) Acetone                   | 2.602  | 43   | 256265   | 109.154 | ug/L  | 98       |
| 14) Carbon disulfide          | 2.766  | 76   | 147082   | 5.429   | ug/L  | 99       |
| 15) Methyl Acetate            | 2.927  | 43   | 51147    | 10.040  | ug/L  | 97       |
| 16) Methylene chloride        | 3.017  | 84   | 165312   | 12.076  | ug/L  | 98       |
| 17) Methyl tert-butyl Ether   | 3.335  | 73   | 381365   | 12.593  | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.322  | 96   | 121323   | 10.183  | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.833  | 63   | 287140   | 11.492  | ug/L  | 100      |
| 21) 2-Butanone                | 4.666  | 43   | 370726   | 108.427 | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 4.631  | 96   | 171194   | 12.123  | ug/L  | 99       |
| 23) Bromochloromethane        | 4.939  | 128  | 71284    | 11.659  | ug/L  | 95       |
| 25) Chloroform                | 5.052  | 83   | 333028   | 12.614  | ug/L  | 96       |
| 27) 1,2-Dichloroethane        | 5.762  | 62   | 197942   | 11.599  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 5.283  | 97   | 265171   | 11.784  | ug/L  | 99       |
| 30) Cyclohexane               | 5.354  | 56   | 193263   | 8.078   | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.492  | 117  | 202450   | 11.614  | ug/L  | 99       |
| 33) Benzene                   | 5.743  | 78   | 601472   | 10.264  | ug/L  | 100      |
| 34) Trichloroethene           | 6.515  | 95   | 174451   | 10.725  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.734  | 83   | 208680   | 8.823   | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 6.759  | 63   | 172304   | 10.773  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.074  | 83   | 228345   | 12.636  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.579  | 75   | 228796   | 12.169  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 7.762  | 43   | 933308   | 102.987 | ug/L  | 100      |
| 42) Toluene                   | 7.942  | 91   | 679190   | 10.558  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.184  | 75   | 174403   | 12.422  | ug/L  | 98       |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 20 02:48:03 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.370  | 97   | 129689   | 11.378  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.528  | 164  | 128694   | 10.357  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.656  | 43   | 673832   | 105.612 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.782  | 129  | 137995   | 12.851  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.897  | 107  | 111565   | 11.170  | ug/L  | 98       |
| 51) Chlorobenzene             | 9.422  | 112  | 486617   | 11.481  | ug/L  | 100      |
| 52) Ethylbenzene              | 9.544  | 91   | 849549   | 11.758  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.669  | 106  | 319819   | 11.886  | ug/L  | 99       |
| 54) o-Xylene                  | 10.074 | 106  | 321210   | 12.262  | ug/L  | 95       |
| 55) Styrene                   | 10.090 | 104  | 540222   | 12.478  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.756 | 83   | 152516   | 11.246  | ug/L  | 99       |
| 59) Bromoform                 | 10.264 | 173  | 74494    | 10.682  | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.457 | 105  | 900451   | 9.903   | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.794 | 75   | 110393   | 9.012   | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.061 | 105  | 775145   | 10.445  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.441 | 105  | 756407   | 10.641  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.720 | 146  | 413679   | 10.149  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.810 | 146  | 411489   | 9.972   | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.183 | 146  | 376556   | 9.918   | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.968 | 75   | 20961    | 10.930  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 13.190 | 180  | 316836   | 10.341  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.810 | 180  | 249692   | 10.569  | ug/L  | 99       |
| 71) Naphthalene               | 14.058 | 128  | 349101   | 10.076  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 14.299 | 180  | 205199   | 10.243  | ug/L  | 100      |

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

