

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060625\  
 Data File : VU063362.D  
 Acq On : 06 Jun 2025 18:01  
 Operator : MD/SY  
 Sample : VSTD02019  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD020019

Quant Time: Jun 09 11:16:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060625WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 09 11:15:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114  | 113210   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117  | 112906   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152  | 67005    | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.589  | 65   | 220720   | 19.871  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.885  | 69   | 163749   | 18.838  | ug/L  | -0.01    |
| 11) 1,1-Dichloroethene-d2     | 2.547  | 65   | 77082    | 19.920  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.608  | 46   | 528457   | 223.425 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.049  | 84   | 356492   | 20.489  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65   | 181423   | 20.511  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.714  | 84   | 709520   | 20.851  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67   | 235577   | 20.795  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.888  | 98   | 631260   | 21.835  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79   | 90467    | 22.921  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.621  | 63   | 454978   | 262.437 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84   | 209439   | 21.299  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152  | 237462   | 21.163  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.380  | 85   | 214136   | 20.234  | ug/L  | 100      |
| 3) Chloromethane              | 1.522  | 50   | 263108   | 19.778  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.596  | 62   | 281942   | 19.566  | ug/L  | 100      |
| 6) Bromomethane               | 1.824  | 94   | 161920   | 20.633  | ug/L  | 97       |
| 8) Chloroethane               | 1.911  | 64   | 177049   | 20.132  | ug/L  | 97       |
| 9) Trichlorofluoromethane     | 2.116  | 101  | 319509   | 19.546  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.560  | 101  | 180863   | 19.327  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.560  | 96   | 177916   | 20.333  | ug/L  | 98       |
| 13) Acetone                   | 2.618  | 43   | 316876   | 186.938 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.772  | 76   | 596383   | 19.568  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.940  | 43   | 89623    | 20.085  | ug/L  | 99       |
| 16) Methylene chloride        | 3.026  | 84   | 212968   | 19.032  | ug/L  | 97       |
| 17) Methyl tert-butyl Ether   | 3.354  | 73   | 486402   | 21.895  | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 3.335  | 96   | 194666   | 19.895  | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.849  | 63   | 394093   | 20.149  | ug/L  | 98       |
| 21) 2-Butanone                | 4.689  | 43   | 577323   | 223.634 | ug/L  | 98       |
| 22) cis-1,2-Dichloroethene    | 4.650  | 96   | 229733   | 21.023  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.959  | 128  | 100539   | 19.874  | ug/L  | 97       |
| 25) Chloroform                | 5.071  | 83   | 383728   | 19.592  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.779  | 62   | 251076   | 19.926  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 5.300  | 97   | 308531   | 19.969  | ug/L  | 100      |
| 30) Cyclohexane               | 5.374  | 56   | 365351   | 22.767  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.509  | 117  | 261092   | 20.234  | ug/L  | 99       |
| 33) Benzene                   | 5.759  | 78   | 893875   | 20.840  | ug/L  | 100      |
| 34) Trichloroethene           | 6.531  | 95   | 224472   | 19.900  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.753  | 83   | 361193   | 22.752  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.779  | 63   | 247067   | 20.771  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.094  | 83   | 280763   | 19.949  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.595  | 75   | 358859   | 22.220  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.782  | 43   | 1452443  | 226.748 | ug/L  | 100      |
| 42) Toluene                   | 7.959  | 91   | 964925   | 21.740  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.200  | 75   | 296249   | 22.493  | ug/L  | 100      |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.390  | 97   | 172485   | 20.274  | ug/L  | 99       |
| 47) Tetrachloroethene         | 8.544  | 164  | 165328   | 20.612  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.672  | 43   | 1060522  | 231.005 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.801  | 129  | 188866   | 20.741  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.914  | 107  | 162958   | 20.822  | ug/L  | 98       |
| 51) Chlorobenzene             | 9.438  | 112  | 591860   | 20.891  | ug/L  | 97       |
| 52) Ethylbenzene              | 9.560  | 91   | 1049495  | 23.059  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.685  | 106  | 407874   | 23.989  | ug/L  | 96       |
| 54) o-Xylene                  | 10.090 | 106  | 393023   | 24.258  | ug/L  | 96       |
| 55) Styrene                   | 10.106 | 104  | 683680   | 24.771  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 230350   | 21.127  | ug/L  | 99       |
| 59) Bromoform                 | 10.280 | 173  | 117488   | 19.687  | ug/L  | 98       |
| 60) Isopropylbenzene          | 10.476 | 105  | 1051309  | 22.068  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.814 | 75   | 156380   | 19.236  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 865935   | 23.569  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 858942   | 24.351  | ug/L  | 97       |
| 64) 1,3-Dichlorobenzene       | 11.737 | 146  | 480052   | 20.323  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.827 | 146  | 484975   | 20.469  | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146  | 455266   | 20.548  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.987 | 75   | 35120    | 22.626  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.212 | 180  | 342547   | 21.814  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180  | 288792   | 23.315  | ug/L  | 99       |
| 71) Naphthalene               | 14.081 | 128  | 493317   | 26.847  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 261461   | 23.200  | ug/L  | 98       |

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

