

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV060925\  
 Data File : VV038767.D  
 Acq On : 09 Jun 2025 14:51  
 Operator : SY/MD  
 Sample : VSTD20023  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD200223

Quant Time: Jun 10 08:53:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM060925WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 10 08:48:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| Internal Standards            |        |      |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114  | 638986   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117  | 655218   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.172 | 152  | 359173   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.291  | 65   | 982751   | 152.760  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.532  | 69   | 861102   | 159.679  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.066  | 65   | 476342   | 165.118  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.777  | 46   | 1863976  | 804.368  | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.249  | 84   | 2097170  | 180.334  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65   | 1282897  | 189.598  | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.957  | 84   | 4145912  | 199.831  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67   | 1368202  | 204.230  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.236  | 98   | 3797525  | 210.695  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.542  | 79   | 652583   | 236.379  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.011  | 63   | 1399648  | 1009.957 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.140 | 84   | 1954847  | 235.333  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.548 | 152  | 1381676  | 201.538  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |          |       |          |
|                               |        |      |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.118  | 85   | 1292628  | 259.843  | ug/L  | 99       |
| 3) Chloromethane              | 1.227  | 50   | 1328813  | 205.591  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.294  | 62   | 1380223  | 205.819  | ug/L  | 99       |
| 6) Bromomethane               | 1.481  | 94   | 637214   | 181.534  | ug/L  | 98       |
| 8) Chloroethane               | 1.548  | 64   | 815223   | 190.891  | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.719  | 101  | 1785685  | 209.942  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.076  | 101  | 1047287  | 205.360  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.076  | 96   | 976692   | 203.684  | ug/L  | 94       |
| 13) Acetone                   | 2.117  | 43   | 1038106  | 455.868  | ug/L  | 96       |
| 14) Carbon disulfide          | 2.246  | 76   | 2952000  | 198.187  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.375  | 43   | 1414632  | 310.598  | ug/L  | 93       |
| 16) Methylene chloride        | 2.452  | 84   | 1102724  | 180.731  | ug/L  | 92       |
| 17) trans-1,2-Dichloroethene  | 2.699  | 96   | 1028605  | 203.822  | ug/L  | 95       |
| 18) Methyl tert-butyl Ether   | 2.706  | 73   | 3419842  | 241.002  | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.114  | 63   | 2059076  | 193.790  | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.815  | 96   | 1195326  | 216.624  | ug/L  | 92       |
| 22) 2-Butanone                | 3.857  | 43   | 1843881  | 688.675  | ug/L  | 98       |
| 23) Bromochloromethane        | 4.146  | 128  | 583154   | 196.790  | ug/L  | 87       |
| 25) Chloroform                | 4.275  | 83   | 2033380  | 190.721  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.037  | 62   | 1617884  | 211.711  | ug/L  | 99       |
| 29) Cyclohexane               | 4.584  | 56   | 2012566  | 249.609  | ug/L  | 93       |
| 30) 1,1,1-Trichloroethane     | 4.513  | 97   | 1752412  | 208.712  | ug/L  | 97       |
| 31) Carbon tetrachloride      | 4.735  | 117  | 1526953  | 211.498  | ug/L  | 99       |
| 33) Benzene                   | 5.008  | 78   | 4431605  | 212.900  | ug/L  | 100      |
| 34) Trichloroethene           | 5.828  | 95   | 1153679  | 215.503  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.047  | 83   | 2001528  | 254.764  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.088  | 63   | 1245217  | 214.689  | ug/L  | 98       |
| 38) Bromodichloromethane      | 6.426  | 83   | 1569136  | 205.537  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 6.944  | 75   | 2085577  | 251.309  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.146  | 43   | 3870058  | 751.699  | ug/L  | 96       |
| 42) Toluene                   | 7.307  | 91   | 4742333  | 223.293  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.571  | 75   | 1966173  | 250.024  | ug/L  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV060925\  
 Data File : VV038767.D  
 Acq On : 09 Jun 2025 14:51  
 Operator : SY/MD  
 Sample : VSTD20023  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD200223

Quant Time: Jun 10 08:53:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM060925WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 10 08:48:48 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.757  | 97   | 1174215  | 214.733 | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.895  | 164  | 843882   | 222.002 | ug/L  | 98       |
| 48) 2-Hexanone                | 8.063  | 43   | 2925752  | 819.807 | ug/L  | 95       |
| 49) Dibromochloromethane      | 8.169  | 129  | 1239738  | 227.271 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.272  | 107  | 1255620  | 235.937 | ug/L  | 100      |
| 51) Chlorobenzene             | 8.802  | 112  | 3064992  | 211.204 | ug/L  | 98       |
| 52) Ethylbenzene              | 8.937  | 91   | 5380781  | 229.388 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.063  | 106  | 2057077  | 241.553 | ug/L  | 98       |
| 54) o-Xylene                  | 9.468  | 106  | 1998214  | 241.521 | ug/L  | 99       |
| 55) Styrene                   | 9.484  | 104  | 3486494  | 239.831 | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 1988428  | 244.233 | ug/L  | 99       |
| 59) Bromoform                 | 9.654  | 173  | 918450   | 275.342 | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.857  | 105  | 5413740  | 239.607 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.198 | 75   | 1546172  | 258.143 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 4387452  | 250.673 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 4415935  | 248.791 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.104 | 146  | 2390071  | 218.196 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.198 | 146  | 2436824  | 207.500 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.567 | 146  | 2348364  | 211.066 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.349 | 75   | 480376   | 331.815 | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 12.570 | 180  | 1622224  | 232.454 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.185 | 180  | 1516614  | 264.358 | ug/L  | 99       |
| 71) Naphthalene               | 13.422 | 128  | 5830843  | 391.877 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 1527243  | 271.595 | ug/L  | 99       |

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

Quant Time: Jun 10 08:53:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM060925WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 10 08:48:48 2025  
Response via : Initial Calibration

