

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV060425\  
 Data File : VV038749.D  
 Acq On : 04 Jun 2025 16:19  
 Operator : SY/MD  
 Sample : VSTD01044  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010244

Quant Time: Jun 13 08:23:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060425WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 13 01:47:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114  | 246094   | 5.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117  | 248982   | 5.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.175 | 152  | 141011   | 5.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.288  | 65   | 334980   | 9.722   | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.542  | 69   | 236056   | 9.680   | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.069  | 65   | 131330   | 9.412   | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.786  | 46   | 474572   | 106.004 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.253  | 84   | 488591   | 9.961   | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65   | 222497   | 9.955   | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.960  | 84   | 965300   | 10.778  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67   | 284525   | 8.278   | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.236  | 98   | 882170   | 11.298  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.548  | 79   | 108993   | 10.829  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.014  | 63   | 403835   | 124.613 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84   | 203854   | 10.067  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.548 | 152  | 264010   | 10.124  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.118  | 85   | 314577   | 9.567   | ug/L  | 99       |
| 3) Chloromethane              | 1.224  | 50   | 350130   | 9.236   | ug/L  | 98       |
| 5) Vinyl chloride             | 1.294  | 62   | 345702   | 9.622   | ug/L  | 96       |
| 6) Bromomethane               | 1.494  | 94   | 165498   | 9.208   | ug/L  | 96       |
| 8) Chloroethane               | 1.558  | 64   | 208140   | 9.569   | ug/L  | 97       |
| 9) Trichlorofluoromethane     | 1.722  | 101  | 446404   | 9.533   | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.079  | 101  | 261925   | 9.795   | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 2.079  | 96   | 238099   | 9.474   | ug/L  | 85       |
| 13) Acetone                   | 2.121  | 43   | 325870   | 95.200  | ug/L  | 97       |
| 14) Carbon disulfide          | 2.249  | 76   | 819918   | 9.599   | ug/L  | 100      |
| 15) Methyl Acetate            | 2.384  | 43   | 91339    | 10.013  | ug/L  | 96       |
| 16) Methylene chloride        | 2.455  | 84   | 255968   | 9.061   | ug/L  | 93       |
| 17) Methyl tert-butyl Ether   | 2.712  | 73   | 487554   | 10.632  | ug/L  | 97       |
| 18) trans-1,2-Dichloroethene  | 2.703  | 96   | 250916   | 10.002  | ug/L  | 92       |
| 19) 1,1-Dichloroethane        | 3.117  | 63   | 497958   | 9.941   | ug/L  | 99       |
| 21) 2-Butanone                | 3.867  | 43   | 538568   | 107.774 | ug/L  | 97       |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96   | 264584   | 10.474  | ug/L  | 91       |
| 23) Bromochloromethane        | 4.153  | 128  | 112536   | 9.984   | ug/L  | 94       |
| 25) Chloroform                | 4.278  | 83   | 488066   | 9.795   | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 5.040  | 62   | 281154   | 10.156  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 4.516  | 97   | 421138   | 10.073  | ug/L  | 99       |
| 30) Cyclohexane               | 4.584  | 56   | 442779   | 11.444  | ug/L  | 95       |
| 31) Carbon tetrachloride      | 4.735  | 117  | 367973   | 9.982   | ug/L  | 99       |
| 33) Benzene                   | 5.008  | 78   | 1055096  | 10.776  | ug/L  | 100      |
| 34) Trichloroethene           | 5.831  | 95   | 264156   | 10.588  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.047  | 83   | 444421   | 11.268  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.088  | 63   | 284988   | 10.946  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.429  | 83   | 334479   | 9.913   | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 380998   | 11.140  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.146  | 43   | 1425081  | 120.680 | ug/L  | 98       |
| 42) Toluene                   | 7.310  | 91   | 1131090  | 11.391  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.574  | 75   | 322757   | 11.185  | ug/L  | 98       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010244

Quant Time: Jun 13 08:23:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060425WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 13 01:47:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 181214   | 9.884   | ug/L  | 96       |
| 47) Tetrachloroethene         | 7.899  | 164  | 202914   | 10.519  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.063  | 43   | 1001500  | 125.146 | ug/L  | 95       |
| 49) Dibromochloromethane      | 8.169  | 129  | 208741   | 10.268  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.275  | 107  | 165996   | 10.418  | ug/L  | 95       |
| 51) Chlorobenzene             | 8.805  | 112  | 682838   | 10.605  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.937  | 91   | 1192135  | 11.752  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.066  | 106  | 467346   | 12.180  | ug/L  | 96       |
| 54) o-Xylene                  | 9.471  | 106  | 437321   | 12.037  | ug/L  | 97       |
| 55) Styrene                   | 9.487  | 104  | 783837   | 12.600  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83   | 214508   | 10.216  | ug/L  | 97       |
| 59) Bromoform                 | 9.657  | 173  | 107539   | 9.739   | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.857  | 105  | 1174406  | 11.232  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 143491   | 9.576   | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 921935   | 11.470  | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 942368   | 11.717  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.108 | 146  | 533032   | 10.576  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.198 | 146  | 549019   | 10.378  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.567 | 146  | 485998   | 10.511  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.355 | 75   | 31031    | 9.696   | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.570 | 180  | 339027   | 10.376  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.188 | 180  | 267391   | 10.404  | ug/L  | 99       |
| 71) Naphthalene               | 13.426 | 128  | 457649   | 11.032  | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 258579   | 10.983  | ug/L  | 97       |

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

