

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV060425\  
 Data File : VV038751.D  
 Acq On : 04 Jun 2025 17:24  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV246

Quant Time: Jun 13 09:32:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060425WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 13 08:57:28 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 262557   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117            | 265760   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.175 | 152            | 143442   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.288  | 65             | 162014   | 4.407  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 88.200%  |          |
| 7) Chloroethane-d5            | 1.542  | 69             | 120266   | 4.623  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 92.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.069  | 65             | 65553    | 4.404  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 88.000%  |          |
| 20) 2-Butanone-d5             | 3.796  | 46             | 225087   | 47.611 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 95.220%  |          |
| 24) Chloroform-d              | 4.256  | 84             | 245913   | 4.699  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 110798   | 4.647  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.000%  |          |
| 32) Benzene-d6                | 4.963  | 84             | 470576   | 4.922  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 143300   | 4.820  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.400%  |          |
| 41) Toluene-d8                | 7.240  | 98             | 432868   | 5.194  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 103.800% |          |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79             | 55129    | 5.350  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 107.000% |          |
| 46) 2-Hexanone-d5             | 8.018  | 63             | 183499   | 52.962 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 105.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84             | 99738    | 4.615  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 92.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152            | 125099   | 4.716  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 94.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 1.118  | 85             | 159990   | 4.560  | ug/L     | 99       |
| 3) Chloromethane              | 1.224  | 50             | 181344   | 4.484  | ug/L     | 97       |
| 5) Vinyl chloride             | 1.294  | 62             | 176837   | 4.613  | ug/L     | 94       |
| 6) Bromomethane               | 1.497  | 94             | 89169    | 4.650  | ug/L     | 99       |
| 8) Chloroethane               | 1.558  | 64             | 105292   | 4.537  | ug/L     | 97       |
| 9) Trichlorofluoromethane     | 1.725  | 101            | 227904   | 4.562  | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.079  | 101            | 136553   | 4.786  | ug/L     | 98       |
| 12) 1,1-Dichloroethene        | 2.079  | 96             | 123697   | 4.614  | ug/L     | 83       |
| 13) Acetone                   | 2.121  | 43             | 169792   | 46.493 | ug/L     | 99       |
| 14) Carbon disulfide          | 2.249  | 76             | 422049   | 4.631  | ug/L     | 100      |
| 15) Methyl Acetate            | 2.388  | 43             | 43101    | 4.309  | ug/L     | 97       |
| 16) Methylene chloride        | 2.455  | 84             | 132714   | 4.404  | ug/L     | 93       |
| 17) Methyl tert-butyl Ether   | 2.712  | 73             | 238725   | 4.879  | ug/L     | 98       |
| 18) trans-1,2-Dichloroethene  | 2.703  | 96             | 124615   | 4.656  | ug/L     | 92       |
| 19) 1,1-Dichloroethane        | 3.121  | 63             | 251654   | 4.709  | ug/L     | 98       |
| 21) 2-Butanone                | 3.873  | 43             | 256312   | 48.875 | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 3.822  | 96             | 130097   | 4.889  | ug/L     | 94       |
| 23) Bromochloromethane        | 4.153  | 128            | 56454    | 4.702  | ug/L     | 92       |
| 25) Chloroform                | 4.281  | 83             | 250057   | 4.704  | ug/L     | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VW060425\  
 Data File : VW038751.D  
 Acq On : 04 Jun 2025 17:24  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV246

Quant Time: Jun 13 09:32:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060425WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 13 08:57:28 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 5.047  | 62   | 147363   | 4.949  | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 4.519  | 97   | 214754   | 4.812  | ug/L   | 99       |
| 30) Cyclohexane               | 4.587  | 56   | 208869   | 5.058  | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.738  | 117  | 190853   | 4.850  | ug/L   | 97       |
| 33) Benzene                   | 5.011  | 78   | 530959   | 5.080  | ug/L   | 100      |
| 34) Trichloroethene           | 5.834  | 95   | 133838   | 5.026  | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.050  | 83   | 210412   | 4.998  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.092  | 63   | 139310   | 5.040  | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.432  | 83   | 172763   | 4.797  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 6.953  | 75   | 184806   | 5.053  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43   | 678814   | 53.855 | ug/L   | 98       |
| 42) Toluene                   | 7.310  | 91   | 558880   | 5.273  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.577  | 75   | 155311   | 5.042  | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 92906    | 4.748  | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.899  | 164  | 100381   | 4.875  | ug/L   | 96       |
| 48) 2-Hexanone                | 8.066  | 43   | 493061   | 56.679 | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.172  | 129  | 107265   | 4.943  | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 8.278  | 107  | 84107    | 4.945  | ug/L # | 95       |
| 51) Chlorobenzene             | 8.809  | 112  | 344152   | 5.008  | ug/L   | 99       |
| 52) Ethylbenzene              | 8.940  | 91   | 557341   | 5.147  | ug/L   | 100      |
| 53) m,p-Xylene                | 9.066  | 106  | 216144   | 5.278  | ug/L   | 96       |
| 54) o-Xylene                  | 9.471  | 106  | 199232   | 5.137  | ug/L   | 99       |
| 55) Styrene                   | 9.490  | 104  | 367874   | 5.540  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83   | 107995   | 4.818  | ug/L   | 97       |
| 59) Bromoform                 | 9.657  | 173  | 54154    | 4.821  | ug/L   | 97       |
| 60) Isopropylbenzene          | 9.860  | 105  | 548528   | 5.157  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 73875    | 4.847  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 402514   | 4.923  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 414656   | 5.068  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.108 | 146  | 260100   | 5.073  | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.201 | 146  | 265433   | 4.932  | ug/L   | 100      |
| 67) 1,2-Dichlorobenzene       | 11.571 | 146  | 235775   | 5.013  | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 15557    | 4.779  | ug/L   | 93       |
| 69) 1,3,5-Trichlorobenzene    | 12.570 | 180  | 161055   | 4.846  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.188 | 180  | 125756   | 4.810  | ug/L   | 97       |
| 71) Naphthalene               | 13.429 | 128  | 202602   | 4.801  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 118367   | 4.942  | ug/L   | 98       |

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

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VICV246

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VICV246

