

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV060425\  
 Data File : VV038747.D  
 Acq On : 04 Jun 2025 15:21  
 Operator : SY/MD  
 Sample : VSTD00142  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001242

Quant Time: Jun 13 08:29:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060425WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 13 08:29:01 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.536  | 114  | 208935   | 5.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117  | 215197   | 5.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.175 | 152  | 102096   | 5.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.288  | 65   | 27795    | 0.950  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.542  | 69   | 22550    | 1.089  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.066  | 65   | 11113    | 0.938  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.838  | 46   | 11784    | 3.100  | ug/L   | 0.05     |
| 24) Chloroform-d              | 4.262  | 84   | 38036    | 0.913  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.957  | 65   | 18582    | 0.979  | ug/L   | 0.01     |
| 32) Benzene-d6                | 4.970  | 84   | 68224    | 0.881  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67   | 23489    | 0.791  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.243  | 98   | 54988    | 0.815  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.568  | 79   | 7052     | 0.811  | ug/L   | 0.02     |
| 46) 2-Hexanone-d5             | 8.031  | 63   | 17594    | 6.281  | ug/L   | 0.02     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84   | 16777    | 0.959  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.555 | 152  | 16534    | 0.876  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.118  | 85   | 29804    | 1.068  | ug/L   | 99       |
| 3) Chloromethane              | 1.224  | 50   | 35727    | 1.110  | ug/L   | 99       |
| 5) Vinyl chloride             | 1.295  | 62   | 33037    | 1.083  | ug/L   | 94       |
| 6) Bromomethane               | 1.497  | 94   | 16459    | 1.079  | ug/L   | 89       |
| 8) Chloroethane               | 1.558  | 64   | 20446    | 1.107  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.725  | 101  | 43669    | 1.098  | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.079  | 101  | 24171    | 1.065  | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.079  | 96   | 22971    | 1.077  | ug/L   | 91       |
| 13) Acetone                   | 2.124  | 43   | 31186    | 10.731 | ug/L   | 95       |
| 14) Carbon disulfide          | 2.249  | 76   | 76702    | 1.058  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.401  | 43   | 7309     | 0.944  | ug/L   | 92       |
| 16) Methylene chloride        | 2.455  | 84   | 25858    | 1.078  | ug/L   | 93       |
| 17) Methyl tert-butyl Ether   | 2.712  | 73   | 35868    | 0.921  | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 2.709  | 96   | 21358    | 1.003  | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.124  | 63   | 44357    | 1.043  | ug/L   | 100      |
| 21) 2-Butanone                | 3.918  | 43   | 24534    | 5.783  | ug/L   | 90       |
| 22) cis-1,2-Dichloroethene    | 3.828  | 96   | 19929    | 0.929  | ug/L   | 95       |
| 23) Bromochloromethane        | 4.169  | 128  | 8072     | 0.843  | ug/L   | 93       |
| 25) Chloroform                | 4.288  | 83   | 44933    | 1.062  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.053  | 62   | 22765    | 0.969  | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 4.519  | 97   | 37332    | 1.033  | ug/L   | 98       |
| 30) Cyclohexane               | 4.581  | 56   | 28180    | 0.843  | ug/L   | 100      |
| 31) Carbon tetrachloride      | 4.738  | 117  | 34272    | 1.076  | ug/L   | 100      |
| 33) Benzene                   | 5.018  | 78   | 84370    | 0.997  | ug/L   | 100      |
| 34) Trichloroethene           | 5.841  | 95   | 21706    | 1.007  | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.050  | 83   | 30397    | 0.892  | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.101  | 63   | 21234    | 0.944  | ug/L # | 96       |
| 38) Bromodichloromethane      | 6.436  | 83   | 30098    | 1.032  | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 6.960  | 75   | 22226    | 0.752  | ug/L   | 94       |
| 40) 4-Methyl-2-pentanone      | 7.156  | 43   | 85202    | 8.348  | ug/L   | 91       |
| 42) Toluene                   | 7.317  | 91   | 77448    | 0.902  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.590  | 75   | 21904    | 0.878  | ug/L   | 97       |

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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 13 08:29:01 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 7.770  | 97   | 16879    | 1.065 | ug/L   | 92       |
| 47) Tetrachloroethene         | 7.902  | 164  | 16681    | 1.000 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.076  | 43   | 53053    | 7.670 | ug/L # | 89       |
| 49) Dibromochloromethane      | 8.175  | 129  | 18160    | 1.034 | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 8.285  | 107  | 13983    | 1.015 | ug/L   | 86       |
| 51) Chlorobenzene             | 8.812  | 112  | 56596    | 1.017 | ug/L   | 99       |
| 52) Ethylbenzene              | 8.944  | 91   | 76562    | 0.873 | ug/L   | 96       |
| 53) m,p-Xylene                | 9.069  | 106  | 26712    | 0.805 | ug/L   | 93       |
| 54) o-Xylene                  | 9.474  | 106  | 25990    | 0.828 | ug/L   | 95       |
| 55) Styrene                   | 9.494  | 104  | 40951    | 0.762 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 18702    | 1.030 | ug/L   | 98       |
| 59) Bromoform                 | 9.661  | 173  | 8378     | 1.048 | ug/L # | 95       |
| 60) Isopropylbenzene          | 9.860  | 105  | 67811    | 0.896 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.204 | 75   | 11243    | 1.036 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 51790    | 0.890 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 49727    | 0.854 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 11.114 | 146  | 36469    | 0.999 | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 11.201 | 146  | 38289    | 1.000 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 11.574 | 146  | 33070    | 0.988 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.362 | 75   | 2571     | 1.110 | ug/L   | 90       |
| 69) 1,3,5-Trichlorobenzene    | 12.574 | 180  | 24054    | 1.017 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.194 | 180  | 18371    | 0.987 | ug/L   | 97       |
| 71) Naphthalene               | 13.432 | 128  | 26989    | 0.899 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 16267    | 0.954 | ug/L   | 99       |

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

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