

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV011725\  
 Data File : VV038447.D  
 Acq On : 17 Jan 2025 11:04  
 Operator : SY/MD  
 Sample : VSTD00124  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD001224

Quant Time: Jan 18 01:57:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011725WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jan 18 01:29:26 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025  
 Supervised By :Semsettin Yesilyurt 01/21/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 208157   | 5.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117  | 221739   | 5.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152  | 104465   | 5.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65   | 17752    | 1.034  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.532  | 69   | 14920    | 1.035  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65   | 8084     | 1.045  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.899  | 46   | 32461m   | 9.468  | ug/L   | 0.10     |
| 24) Chloroform-d              | 4.249  | 84   | 31882    | 0.991  | ug/L   | 0.01     |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65   | 13661    | 0.927  | ug/L   | 0.02     |
| 32) Benzene-d6                | 4.960  | 84   | 56687    | 0.928  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67   | 16148    | 0.839  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.243  | 98   | 47925    | 0.874  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79   | 5717m    | 0.851  | ug/L   | 0.02     |
| 46) 2-Hexanone-d5             | 8.043  | 63   | 18999m   | 7.419  | ug/L   | 0.02     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84   | 13999    | 0.951  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152  | 17064    | 0.965  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.105  | 85   | 22687    | 0.973  | ug/L   | 99       |
| 3) Chloromethane              | 1.214  | 50   | 23597    | 0.989  | ug/L   | 98       |
| 5) Vinyl chloride             | 1.281  | 62   | 23001    | 0.954  | ug/L   | 99       |
| 6) Bromomethane               | 1.487  | 94   | 10863    | 0.901  | ug/L   | 98       |
| 8) Chloroethane               | 1.548  | 64   | 14934    | 0.954  | ug/L   | 91       |
| 9) Trichlorofluoromethane     | 1.709  | 101  | 29952    | 0.976  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.066  | 101  | 17314    | 0.987  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.066  | 96   | 17138    | 0.993  | ug/L   | 96       |
| 13) Acetone                   | 2.172  | 43   | 28467m   | 10.152 | ug/L   |          |
| 14) Carbon disulfide          | 2.236  | 76   | 55642    | 0.960  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.407  | 43   | 6960m    | 0.971  | ug/L   |          |
| 16) Methylene chloride        | 2.445  | 84   | 18890    | 0.987  | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.699  | 73   | 32926    | 0.907  | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.693  | 96   | 16895    | 0.952  | ug/L   | 92       |
| 19) 1,1-Dichloroethane        | 3.108  | 63   | 32373    | 0.959  | ug/L   | 97       |
| 21) 2-Butanone                | 3.953  | 43   | 38280m   | 10.399 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 3.822  | 96   | 15405    | 0.854  | ug/L   | 97       |
| 23) Bromochloromethane        | 4.153  | 128  | 7638     | 0.930  | ug/L   | 91       |
| 25) Chloroform                | 4.278  | 83   | 31931    | 0.956  | ug/L   | 91       |
| 27) 1,2-Dichloroethane        | 5.047  | 62   | 15761    | 0.849  | ug/L   | 99       |
| 29) 1,1,1-Trichloroethane     | 4.503  | 97   | 27317    | 0.927  | ug/L   | 99       |
| 30) Cyclohexane               | 4.574  | 56   | 22214    | 0.827  | ug/L   | 95       |
| 31) Carbon tetrachloride      | 4.728  | 117  | 24319    | 0.933  | ug/L   | 98       |
| 33) Benzene                   | 5.008  | 78   | 60757    | 0.863  | ug/L   | 100      |
| 34) Trichloroethene           | 5.838  | 95   | 16241    | 0.888  | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.040  | 83   | 22051    | 0.791  | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 6.095  | 63   | 15405    | 0.847  | ug/L # | 96       |
| 38) Bromodichloromethane      | 6.432  | 83   | 21813    | 0.925  | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 6.960  | 75   | 19957    | 0.796  | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 7.162  | 43   | 77054m   | 8.627  | ug/L   |          |
| 42) Toluene                   | 7.313  | 91   | 63377    | 0.864  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.590  | 75   | 17234    | 0.825  | ug/L   | 96       |

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Quant Time: Jan 18 01:57:38 2025  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jan 18 01:29:26 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 7.770  | 97   | 11904    | 0.910 | ug/L   | 93       |
| 47) Tetrachloroethene         | 7.902  | 164  | 13007    | 0.918 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.088  | 43   | 54034m   | 8.405 | ug/L   |          |
| 49) Dibromochloromethane      | 8.172  | 129  | 13655    | 0.907 | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 10936    | 0.899 | ug/L   | 99       |
| 51) Chlorobenzene             | 8.812  | 112  | 43878    | 0.889 | ug/L   | 97       |
| 52) Ethylbenzene              | 8.944  | 91   | 64329    | 0.815 | ug/L   | 99       |
| 53) m,p-Xylene                | 9.069  | 106  | 23198    | 0.794 | ug/L   | 99       |
| 54) o-Xylene                  | 9.474  | 106  | 22712    | 0.797 | ug/L   | 95       |
| 55) Styrene                   | 9.497  | 104  | 38204    | 0.777 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.175 | 83   | 14661    | 0.921 | ug/L   | 96       |
| 59) Bromoform                 | 9.661  | 173  | 6939     | 0.952 | ug/L   | 99       |
| 60) Isopropylbenzene          | 9.860  | 105  | 59632    | 0.848 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.207 | 75   | 9596     | 0.956 | ug/L   | 93       |
| 62) 1,3,5-Trimethylbenzene    | 10.471 | 105  | 45503    | 0.827 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.847 | 105  | 42913    | 0.781 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.114 | 146  | 31161    | 0.894 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 30347    | 0.842 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.574 | 146  | 30399    | 0.931 | ug/L   | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 1651     | 0.796 | ug/L # | 83       |
| 69) 1,3,5-Trichlorobenzene    | 12.577 | 180  | 21219    | 0.885 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.197 | 180  | 14517    | 0.821 | ug/L   | 96       |
| 71) Naphthalene               | 13.442 | 128  | 19927m   | 0.778 | ug/L   |          |
| 72) 1,2,3-Trichlorobenzene    | 13.676 | 180  | 11907    | 0.773 | ug/L   | 98       |

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

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