

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091525\  
 Data File : VV039068.D  
 Acq On : 15 Sep 2025 10:18  
 Operator : SY/MD  
 Sample : VSTD00555  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005255

Quant Time: Sep 16 01:37:13 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091525WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Sep 16 01:35:33 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114  | 394206   | 5.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117  | 403740   | 5.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.172 | 152  | 206934   | 5.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.291  | 65   | 157334   | 4.906  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.545  | 69   | 139975   | 5.000  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.072  | 65   | 76274    | 5.124  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 3.805  | 46   | 229815   | 53.436 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.252  | 84   | 317897   | 5.232  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65   | 135137   | 5.400  | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.960  | 84   | 590968   | 5.216  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67   | 171950   | 5.264  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.236  | 98   | 555251   | 5.467  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79   | 62234    | 5.129  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.017  | 63   | 194765   | 51.477 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84   | 128592   | 5.213  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.548 | 152  | 166604   | 4.916  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.121  | 85   | 217649   | 4.938  | ug/L  | 100      |
| 3) Chloromethane              | 1.227  | 50   | 204125   | 4.698  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.294  | 62   | 220109   | 4.782  | ug/L  | 100      |
| 6) Bromomethane               | 1.500  | 94   | 122333   | 4.781  | ug/L  | 100      |
| 8) Chloroethane               | 1.561  | 64   | 139172   | 4.834  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.725  | 101  | 305054   | 4.853  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.079  | 101  | 188467   | 4.885  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.082  | 96   | 169889   | 4.842  | ug/L  | 100      |
| 13) Acetone                   | 2.137  | 43   | 176942   | 42.325 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.252  | 76   | 553599   | 4.823  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.394  | 43   | 47261    | 4.483  | ug/L  | 100      |
| 16) Methylene chloride        | 2.458  | 84   | 174415   | 3.538  | ug/L  | 100      |
| 17) Methyl tert-butyl Ether   | 2.712  | 73   | 283547   | 4.695  | ug/L  | 100      |
| 18) trans-1,2-Dichloroethene  | 2.706  | 96   | 170528   | 4.820  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.120  | 63   | 316665   | 4.911  | ug/L  | 100      |
| 21) 2-Butanone                | 3.889  | 43   | 234689   | 49.639 | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 3.821  | 96   | 164910   | 4.844  | ug/L  | 100      |
| 23) Bromochloromethane        | 4.156  | 128  | 75462    | 4.958  | ug/L  | 100      |
| 25) Chloroform                | 4.278  | 83   | 328861   | 4.865  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.043  | 62   | 172228   | 5.040  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.516  | 97   | 294568   | 4.703  | ug/L  | 100      |
| 30) Cyclohexane               | 4.587  | 56   | 253739   | 4.721  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.735  | 117  | 261523   | 4.825  | ug/L  | 100      |
| 33) Benzene                   | 5.011  | 78   | 695774   | 5.027  | ug/L  | 100      |
| 34) Trichloroethene           | 5.831  | 95   | 176155   | 4.731  | ug/L  | 100      |
| 35) Methylcyclohexane         | 6.046  | 83   | 271437   | 4.749  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.088  | 63   | 170506   | 4.999  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.429  | 83   | 220560   | 4.749  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 218335   | 4.730  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43   | 681036   | 50.189 | ug/L  | 100      |
| 42) Toluene                   | 7.310  | 91   | 738288   | 5.097  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.577  | 75   | 187160   | 4.806  | ug/L  | 100      |

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005255

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 Quant Title : TRACE VOA SFAM1.0  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.763  | 97   | 117436   | 4.803  | ug/L  | 100      |
| 47) Tetrachloroethene         | 7.898  | 164  | 139177   | 4.841  | ug/L  | 100      |
| 48) 2-Hexanone                | 8.066  | 43   | 474246   | 52.988 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.169  | 129  | 141428   | 4.826  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.275  | 107  | 106243   | 4.776  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.805  | 112  | 442581   | 4.685  | ug/L  | 100      |
| 52) Ethylbenzene              | 8.937  | 91   | 721023   | 4.799  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.062  | 106  | 285493   | 4.900  | ug/L  | 100      |
| 54) o-Xylene                  | 9.467  | 106  | 257923   | 4.891  | ug/L  | 100      |
| 55) Styrene                   | 9.487  | 104  | 486783   | 5.303  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.165 | 83   | 132817   | 4.708  | ug/L  | 100      |
| 59) Bromoform                 | 9.657  | 173  | 73505    | 4.660  | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.857  | 105  | 718573   | 4.683  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 87875    | 4.362  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.464 | 105  | 522850   | 4.479  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.840 | 105  | 527943   | 4.661  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.104 | 146  | 349905   | 4.768  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.197 | 146  | 354612   | 4.690  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.567 | 146  | 303622   | 4.645  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.355 | 75   | 19171    | 4.491  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 12.570 | 180  | 216955   | 4.647  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.188 | 180  | 165813   | 4.618  | ug/L  | 100      |
| 71) Naphthalene               | 13.426 | 128  | 238100   | 4.282  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 146981   | 4.580  | ug/L  | 100      |

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

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