

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV031725\  
 Data File : VV038715.D  
 Acq On : 17 Mar 2025 13:42  
 Operator : SY/MD  
 Sample : VSTD10016  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 17 14:50:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM031724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 17 13:51:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.526  | 114  | 424095   | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117  | 445230   | 50.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.175 | 152  | 257228   | 50.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65   | 402703   | 113.64 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.526  | 69   | 329166   | 110.25 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65   | 175803   | 117.02 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.773  | 46   | 298462   | 176.98 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.236  | 84   | 727132   | 112.78 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.928  | 65   | 429033   | 112.72 | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.947  | 84   | 1426403  | 111.20 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.976  | 67   | 460608   | 115.48 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.233  | 98   | 1312845  | 113.16 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.542  | 79   | 203955   | 105.72 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.014  | 63   | 223271   | 183.29 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84   | 550573   | 98.69  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152  | 485185   | 97.56  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.105  | 85   | 316054   | 81.15  | ug/L  | 100      |
| 3) Chloromethane              | 1.214  | 50   | 393233   | 97.32  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.281  | 62   | 422412   | 102.49 | ug/L  | 97       |
| 6) Bromomethane               | 1.481  | 94   | 227012   | 88.90  | ug/L  | 97       |
| 8) Chloroethane               | 1.545  | 64   | 261634   | 100.33 | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.709  | 101  | 530690   | 97.63  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063  | 101  | 319117   | 101.96 | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 2.063  | 96   | 307238   | 103.08 | ug/L  | 94       |
| 13) Acetone                   | 2.105  | 43   | 340554   | 146.42 | ug/L  | 97       |
| 14) Carbon disulfide          | 2.233  | 76   | 940340   | 95.86  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.365  | 43   | 295053   | 98.01  | ug/L  | 93       |
| 16) Methylene chloride        | 2.439  | 84   | 373350   | 103.81 | ug/L  | 91       |
| 17) trans-1,2-Dichloroethene  | 2.687  | 96   | 327449   | 100.75 | ug/L  | 95       |
| 18) Methyl tert-butyl Ether   | 2.696  | 73   | 966218   | 102.93 | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.101  | 63   | 667071   | 111.91 | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.802  | 96   | 369567   | 108.12 | ug/L  | 92       |
| 22) 2-Butanone                | 3.854  | 43   | 376650   | 170.41 | ug/L  | 95       |
| 23) Bromochloromethane        | 4.137  | 128  | 187652   | 101.00 | ug/L  | 85       |
| 25) Chloroform                | 4.262  | 83   | 671208   | 107.88 | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.031  | 62   | 513697   | 113.18 | ug/L  | 99       |
| 29) Cyclohexane               | 4.571  | 56   | 620212   | 129.66 | ug/L  | 94       |
| 30) 1,1,1-Trichloroethane     | 4.500  | 97   | 554905   | 98.63  | ug/L  | 96       |
| 31) Carbon tetrachloride      | 4.722  | 117  | 479753   | 97.03  | ug/L  | 99       |
| 33) Benzene                   | 4.998  | 78   | 1461590  | 108.76 | ug/L  | 100      |
| 34) Trichloroethene           | 5.821  | 95   | 364310   | 101.47 | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.040  | 83   | 606826   | 117.70 | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 6.082  | 63   | 410575   | 117.50 | ug/L  | 98       |
| 38) Bromodichloromethane      | 6.423  | 83   | 503519   | 103.83 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 6.944  | 75   | 643895   | 118.75 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.146  | 43   | 777340   | 198.77 | ug/L  | 95       |
| 42) Toluene                   | 7.304  | 91   | 1582026  | 113.31 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.571  | 75   | 593923   | 113.38 | ug/L  | 99       |

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 Sample : VSTD10016  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 17 14:50:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM031724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 17 13:51:31 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.757  | 97   | 361604   | 99.74  | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.895  | 164  | 261361   | 94.29  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.063  | 43   | 584179   | 179.03 | ug/L  | 91       |
| 49) Dibromochloromethane      | 8.165  | 129  | 371380   | 99.31  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.272  | 107  | 366404   | 95.90  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.802  | 112  | 1002976  | 104.55 | ug/L  | 98       |
| 52) Ethylbenzene              | 8.937  | 91   | 1776237  | 118.62 | ug/L  | 100      |
| 53) m,p-Xylene                | 9.063  | 106  | 668829   | 117.83 | ug/L  | 100      |
| 54) o-Xylene                  | 9.468  | 106  | 646812   | 118.45 | ug/L  | 100      |
| 55) Styrene                   | 9.487  | 104  | 1170905  | 122.14 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83   | 540318   | 95.94  | ug/L  | 99       |
| 59) Bromoform                 | 9.654  | 173  | 234097   | 84.66  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.857  | 105  | 1764849  | 112.20 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.198 | 75   | 396664   | 88.58  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 1443115  | 114.34 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 1466541  | 118.20 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.107 | 146  | 801020   | 99.21  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.197 | 146  | 835486   | 97.34  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.567 | 146  | 794927   | 96.57  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.352 | 75   | 95194    | 80.66  | ug/L  | 89       |
| 69) 1,3,5-Trichlorobenzene    | 12.570 | 180  | 528648   | 95.99  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.188 | 180  | 467836   | 100.84 | ug/L  | 98       |
| 71) Naphthalene               | 13.429 | 128  | 1288582  | 102.44 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.670 | 180  | 456894   | 100.38 | ug/L  | 100      |

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

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QLast Update : Mon Mar 17 13:51:31 2025  
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