

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092225\  
 Data File : VU063616.D  
 Acq On : 22 Sep 2025 12:01  
 Operator : MD/SY  
 Sample : VSTD20043  
 Misc : 5mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD200043

Quant Time: Sep 23 05:14:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092225WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 23 05:11:23 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.235  | 114  | 270536   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117  | 275735   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.801 | 152  | 153921   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65   | 365402   | 183.079 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.885  | 69   | 307957   | 161.507 | ug/L  | -0.01    |
| 11) 1,1-Dichloroethene-d2     | 2.550  | 63   | 657769   | 174.357 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.605  | 46   | 576483   | 345.208 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.042  | 84   | 719032   | 172.726 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.685  | 65   | 459399   | 178.894 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.711  | 84   | 1354820  | 169.872 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.676  | 67   | 447770   | 166.268 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.885  | 98   | 1293532  | 183.714 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.168  | 79   | 180510   | 171.042 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.621  | 63   | 369470   | 372.292 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.743 | 84   | 701590   | 169.454 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.183 | 152  | 527408   | 190.604 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.377  | 85   | 288923   | 120.650 | ug/L  | 99       |
| 3) Chloromethane              | 1.515  | 50   | 361209   | 131.026 | ug/L  | 98       |
| 5) Vinyl chloride             | 1.595  | 62   | 437697   | 143.890 | ug/L  | 99       |
| 6) Bromomethane               | 1.821  | 94   | 295103   | 169.228 | ug/L  | 100      |
| 8) Chloroethane               | 1.907  | 64   | 290776   | 150.143 | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 2.120  | 101  | 635700   | 170.646 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.563  | 101  | 348874   | 158.444 | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.563  | 96   | 318131   | 164.042 | ug/L  | 98       |
| 13) Acetone                   | 2.615  | 43   | 559963   | 425.576 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.776  | 76   | 873941   | 141.232 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.933  | 43   | 454002   | 169.205 | ug/L  | 97       |
| 16) Methylene chloride        | 3.026  | 84   | 383420   | 152.700 | ug/L  | 96       |
| 17) trans-1,2-Dichloroethene  | 3.335  | 96   | 347330   | 166.814 | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 3.348  | 73   | 1155247  | 182.537 | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.849  | 63   | 706655   | 162.120 | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 4.647  | 96   | 414263   | 174.378 | ug/L  | 97       |
| 22) 2-Butanone                | 4.685  | 43   | 715996   | 373.823 | ug/L  | 96       |
| 23) Bromochloromethane        | 4.955  | 128  | 214881   | 168.707 | ug/L  | 97       |
| 25) Chloroform                | 5.068  | 83   | 739706   | 167.982 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.775  | 62   | 604180   | 173.872 | ug/L  | 99       |
| 29) Cyclohexane               | 5.370  | 56   | 642692   | 179.256 | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 5.300  | 97   | 606552   | 176.630 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 5.508  | 117  | 514852   | 181.418 | ug/L  | 98       |
| 33) Benzene                   | 5.759  | 78   | 1571968  | 169.079 | ug/L  | 100      |
| 34) Trichloroethene           | 6.528  | 95   | 430578   | 178.843 | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.750  | 83   | 628489   | 176.014 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.775  | 63   | 436596   | 160.127 | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.090  | 83   | 543008   | 167.804 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.592  | 75   | 651567   | 178.143 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.779  | 43   | 1303007  | 377.228 | ug/L  | 98       |
| 42) Toluene                   | 7.955  | 91   | 1759397  | 180.836 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.197  | 75   | 554322   | 164.768 | ug/L  | 99       |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTD200043

Quant Time: Sep 23 05:14:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092225WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 23 05:11:23 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.386  | 97   | 423236   | 167.037 | ug/L  | 97       |
| 46) Tetrachloroethene         | 8.541  | 164  | 326843   | 182.384 | ug/L  | 98       |
| 48) 2-Hexanone                | 8.672  | 43   | 1044812  | 393.903 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.798  | 129  | 432744   | 182.369 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.910  | 107  | 450656   | 173.997 | ug/L  | 100      |
| 51) Chlorobenzene             | 9.434  | 112  | 1145289  | 179.233 | ug/L  | 100      |
| 52) Ethylbenzene              | 9.560  | 91   | 1981214  | 191.110 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.682  | 106  | 763144   | 200.779 | ug/L  | 100      |
| 54) o-Xylene                  | 10.090 | 106  | 756693   | 206.030 | ug/L  | 97       |
| 55) Styrene                   | 10.103 | 104  | 1270620  | 204.766 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.769 | 83   | 742050   | 165.796 | ug/L  | 98       |
| 59) Bromoform                 | 10.280 | 173  | 331394   | 169.620 | ug/L  | 98       |
| 60) 1,2,3-Trichloropropane    | 10.811 | 75   | 592381   | 163.550 | ug/L  | 99       |
| 61) Isopropylbenzene          | 10.473 | 105  | 2019929  | 198.270 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.077 | 105  | 1753820  | 218.737 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.457 | 105  | 1713511  | 224.976 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.737 | 146  | 941414   | 188.461 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 11.827 | 146  | 946303   | 184.845 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146  | 913604   | 181.011 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.984 | 75   | 163218   | 170.043 | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 13.209 | 180  | 700809   | 205.316 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.830 | 180  | 622908   | 233.879 | ug/L  | 99       |
| 71) Naphthalene               | 14.074 | 128  | 1837858  | 255.803 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.318 | 180  | 599969   | 231.563 | ug/L  | 99       |

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

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