Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
Data File : VV038830.D
Acq On : 27 Jun 2025 13:10
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 01:41:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 30 01:40:55 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Pentafluorobenzene | 4.596 | 168 | 477776 | 50.000 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 5.529 | 114 | 864107 | 50.000 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 8.773 | 117 | 791673 | 50.000 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.172 | 152 | 368873 | 50.000 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 0.000 | 65 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | | | Recovery = | 0.000% | | | |
| 35) Dibromofluoromethane | 0.000 | 113 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | | | Recovery = | 0.000% | | | |
| 50) Toluene-d8 | 0.000 | 98 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | | | Recovery = | 0.000% | | | |
| 62) 4-Bromofluorobenzene | 0.000 | 95 | 0d | 0.000 | ug/l | | |
| Spiked Amount 50.000 | | | Recovery = | 0.000% | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.117 | 85 | 5220 | 1.151 | ug/l | | 96 |
| 3) Chloromethane | 1.230 | 50 | 8099 | 1.378 | ug/l | | 95 |
| 4) Vinyl Chloride | 1.294 | 62 | 8055 | 1.285 | ug/l | | 96 |
| 6) Chloroethane | 1.561 | 64 | 4871 | 1.201 | ug/l | # | 86 |
| 7) Trichlorofluoromethane | 1.725 | 101 | 12245 | 1.313 | ug/l | | 97 |
| 8) Diethyl Ether | 1.918 | 74 | 4543 | 1.275 | ug/l | | 79 |
| 9) 1,1,2-Trichlorotrifluo... | 2.079 | 101 | 6968 | 1.240 | ug/l | | 98 |
| 12) 1,1-Dichloroethene | 2.079 | 96 | 7661 | 1.401 | ug/l | | 94 |
| 14) Allyl chloride | 2.365 | 41 | 10102 | 1.109 | ug/l | | 96 |
| 15) Acrylonitrile | 2.699 | 53 | 18437 | 5.162 | ug/l | # | 84 |
| 16) Acetone | 2.121 | 43 | 14729 | 5.325 | ug/l | | 92 |
| 17) Carbon Disulfide | 2.252 | 76 | 23759 | 1.598 | ug/l | # | 93 |
| 18) Methyl Acetate | 2.394 | 43 | 9493m | 1.071 | ug/l | | |
| 19) Methyl tert-butyl Ether | 2.709 | 73 | 19288 | 1.133 | ug/l | | 95 |
| 20) Methylene Chloride | 2.461 | 84 | 8773 | 1.363 | ug/l | | 98 |
| 21) trans-1,2-Dichloroethene | 2.709 | 96 | 7475 | 1.335 | ug/l | | 87 |
| 22) Diisopropyl ether | 3.217 | 45 | 18628 | 1.010 | ug/l | # | 35 |
| 23) Vinyl Acetate | 3.217 | 43 | 65238 | 4.453 | ug/l | # | 94 |
| 24) 1,1-Dichloroethane | 3.121 | 63 | 13059 | 1.181 | ug/l | | 96 |
| 25) 2-Butanone | 3.960 | 43 | 17278m | 4.297 | ug/l | | |
| 26) 2,2-Dichloropropane | 3.818 | 77 | 11124 | 1.194 | ug/l | | 92 |
| 27) cis-1,2-Dichloroethene | 3.841 | 96 | 8302m | 1.279 | ug/l | | |
| 28) Bromochloromethane | 4.159 | 49 | 7245m | 1.377 | ug/l | | |
| 29) Tetrahydrofuran | 4.268 | 42 | 17422m | 5.947 | ug/l | | |
| 30) Chloroform | 4.288 | 83 | 13607 | 1.197 | ug/l | | 95 |
| 32) 1,1,1-Trichloroethane | 4.519 | 97 | 12217 | 1.316 | ug/l | # | 50 |
| 36) 1,1-Dichloropropene | 4.764 | 75 | 10775m | 1.346 | ug/l | | |
| 37) Ethyl Acetate | 3.960 | 43 | 14021m | 1.348 | ug/l | | |
| 38) Carbon Tetrachloride | 4.735 | 117 | 10004m | 1.150 | ug/l | | |
| 39) Methylcyclohexane | 6.043 | 83 | 9762 | 1.059 | ug/l | | 86 |
| 40) Benzene | 5.024 | 78 | 26126 | 1.075 | ug/l | | 96 |
| 41) Methacrylonitrile | 4.230 | 41 | 1710m | 2.856 | ug/l | | |
| 42) 1,2-Dichloroethane | 5.076 | 62 | 10584m | 1.207 | ug/l | | |
| 43) Isopropyl Acetate | 5.233 | 43 | 10566m | 0.787 | ug/l | | |
| 44) Trichloroethene | 5.847 | 130 | 6060 | 1.039 | ug/l | | 91 |
| 45) 1,2-Dichloropropane | 6.114 | 63 | 5960m | 0.948 | ug/l | | |

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Data File : VV038830.D
Acq On : 27 Jun 2025 13:10
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 01:41:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 30 01:40:55 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) Dibromomethane | 6.246 | 93 | 5278 | 1.101 | ug/l | # | 81 |
| 47) Bromodichloromethane | 6.439 | 83 | 10509 | 1.110 | ug/l | # | 98 |
| 48) Methyl methacrylate | 6.352 | 41 | 5678m | 0.845 | ug/l | | |
| 49) 1,4-Dioxane | 6.336 | 88 | 2012m | 21.873 | ug/l | | |
| 51) 4-Methyl-2-Pentanone | 7.159 | 43 | 39209 | 3.974 | ug/l | | 98 |
| 52) Toluene | 7.326 | 92 | 15202 | 1.026 | ug/l | | 90 |
| 53) t-1,3-Dichloropropene | 7.606 | 75 | 8096 | 0.897 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 6.966 | 75 | 9943 | 0.996 | ug/l | # | 86 |
| 55) 1,1,2-Trichloroethane | 7.773 | 97 | 6886 | 1.077 | ug/l | | 97 |
| 56) Ethyl methacrylate | 7.751 | 69 | 7430m | 0.856 | ug/l | | |
| 57) 1,3-Dichloropropane | 7.947 | 76 | 10386 | 0.987 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 6.834 | 63 | 16229 | 11.054 | ug/l | # | 77 |
| 59) 2-Hexanone | 8.091 | 43 | 24793 | 3.567 | ug/l | # | 55 |
| 60) Dibromochloromethane | 8.175 | 129 | 8271 | 1.116 | ug/l | | 94 |
| 61) 1,2-Dibromoethane | 8.291 | 107 | 6634 | 1.005 | ug/l | | 88 |
| 64) Tetrachloroethene | 7.902 | 164 | 6120 | 1.108 | ug/l | | 91 |
| 65) Chlorobenzene | 8.808 | 112 | 19992 | 1.155 | ug/l | | 97 |
| 66) 1,1,1,2-Tetrachloroethane | 8.899 | 131 | 7230 | 1.181 | ug/l | # | 56 |
| 67) Ethyl Benzene | 8.947 | 91 | 28825 | 1.058 | ug/l | | 98 |
| 68) m/p-Xylenes | 9.072 | 106 | 18661 | 1.818 | ug/l | | 99 |
| 69) o-Xylene | 9.474 | 106 | 8937 | 0.931 | ug/l | | 95 |
| 70) Styrene | 9.503 | 104 | 12784 | 0.789 | ug/l | # | 75 |
| 71) Bromoform | 9.667 | 173 | 5466 | 1.108 | ug/l | # | 94 |
| 73) Isopropylbenzene | 9.863 | 105 | 22254 | 0.989 | ug/l | | 99 |
| 74) N-amyl acetate | 9.754 | 43 | 8684m | 0.884 | ug/l | | |
| 75) 1,1,2,2-Tetrachloroethane | 10.172 | 83 | 11850 | 1.265 | ug/l | | 96 |
| 76) 1,2,3-Trichloropropane | 10.207 | 75 | 8026 | 1.145 | ug/l | | 89 |
| 77) Bromobenzene | 10.159 | 156 | 6246 | 1.102 | ug/l | | 98 |
| 78) n-propylbenzene | 10.284 | 91 | 26667 | 0.980 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.358 | 91 | 17172 | 1.061 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 10.471 | 105 | 17918 | 0.959 | ug/l | | 98 |
| 82) 4-Chlorotoluene | 10.474 | 91 | 17994 | 0.964 | ug/l | | 99 |
| 83) tert-Butylbenzene | 10.792 | 119 | 18917 | 1.015 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 10.844 | 105 | 15928 | 0.879 | ug/l | | 95 |
| 85) sec-Butylbenzene | 11.017 | 105 | 22411 | 0.912 | ug/l | | 95 |
| 86) p-Isopropyltoluene | 11.172 | 119 | 20036 | 0.954 | ug/l | | 90 |
| 87) 1,3-Dichlorobenzene | 11.117 | 146 | 13106 | 1.136 | ug/l | | 96 |
| 88) 1,4-Dichlorobenzene | 11.201 | 146 | 16570 | 1.325 | ug/l | | 95 |
| 89) n-Butylbenzene | 11.586 | 91 | 20097 | 0.988 | ug/l | | 97 |
| 90) Hexachloroethane | 11.821 | 117 | 5506 | 1.191 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 11.580 | 146 | 13742 | 1.228 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.365 | 75 | 2163 | 1.090 | ug/l | | 88 |
| 93) 1,2,4-Trichlorobenzene | 13.197 | 180 | 6636 | 1.005 | ug/l | | 86 |
| 94) Hexachlorobutadiene | 13.371 | 225 | 4195 | 1.307 | ug/l | | 90 |
| 95) Naphthalene | 13.439 | 128 | 19554 | 4.202 | ug/l | | 97 |
| 96) 1,2,3-Trichlorobenzene | 13.673 | 180 | 7416 | 1.094 | ug/l | | 89 |

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

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Data File : VV038830.D
Acq On : 27 Jun 2025 13:10
Operator : SY/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 30 01:41:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 30 01:40:55 2025
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
VSTDICC001

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025