

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121525\  
 Data File : VX048869.D  
 Acq On : 15 Dec 2025 10:45  
 Operator : JC/MD  
 Sample : VX1215WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1215WBS01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025  
 Supervised By :Semsettin Yesilyurt 12/16/2025

Quant Time: Dec 16 00:12:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 5.538          | 168  | 158819              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.745          | 114  | 258455              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037         | 117  | 231462              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.000         | 152  | 116904              | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.940          | 65   | 114604              | 53.763 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 107.520% |        |        |          |
| 35) Dibromofluoromethane     | 5.367          | 113  | 98046               | 55.096 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 110.200% |        |        |          |
| 50) Toluene-d8               | 8.635          | 98   | 339009              | 54.346 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 108.700% |        |        |          |
| 62) 4-Bromofluorobenzene     | 11.061         | 95   | 120389              | 55.968 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 111.940% |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173          | 85   | 39477               | 24.396 | ug/l   | 97       |
| 3) Chloromethane             | 1.301          | 50   | 40353               | 19.762 | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.380          | 62   | 41559               | 19.110 | ug/l   | 98       |
| 5) Bromomethane              | 1.624          | 94   | 27912               | 20.769 | ug/l   | 94       |
| 6) Chloroethane              | 1.697          | 64   | 26114               | 19.294 | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 1.898          | 101  | 64021               | 20.540 | ug/l   | 95       |
| 8) Diethyl Ether             | 2.136          | 74   | 22057               | 17.730 | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337          | 101  | 37022               | 20.489 | ug/l   | 97       |
| 10) Methyl Iodide            | 2.459          | 142  | 49420               | 19.211 | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.928          | 59   | 11993               | 34.848 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.325          | 96   | 36692               | 19.896 | ug/l   | 96       |
| 13) Acrolein                 | 2.233          | 56   | 11474               | 69.159 | ug/l   | 100      |
| 14) Allyl chloride           | 2.666          | 41   | 62318               | 20.127 | ug/l   | 95       |
| 15) Acrylonitrile            | 3.056          | 53   | 71518               | 66.692 | ug/l   | 96       |
| 16) Acetone                  | 2.374          | 43   | 41767               | 51.183 | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.520          | 76   | 100241              | 18.717 | ug/l   | 100      |
| 18) Methyl Acetate           | 2.697          | 43   | 29198               | 12.717 | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.105          | 73   | 107869              | 17.972 | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788          | 84   | 41709               | 20.449 | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 37935               | 20.154 | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.751          | 45   | 134323              | 23.212 | ug/l   | 87       |
| 23) Vinyl Acetate            | 3.715          | 43   | 462336              | 95.086 | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 72965               | 22.611 | ug/l   | 99       |
| 25) 2-Butanone               | 4.538          | 43   | 64896               | 53.883 | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 4.465          | 77   | 62011               | 21.718 | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 45766               | 21.547 | ug/l   | 94       |
| 28) Bromochloromethane       | 4.885          | 49   | 36590               | 23.134 | ug/l   | 89       |
| 29) Tetrahydrofuran          | 4.983          | 42   | 46140               | 50.171 | ug/l   | 95       |
| 30) Chloroform               | 5.080          | 83   | 75869               | 21.942 | ug/l   | 97       |
| 31) Cyclohexane              | 5.465          | 56   | 57994               | 20.129 | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 67604               | 21.821 | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.678          | 75   | 50830               | 20.854 | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.696          | 43   | 35552               | 12.207 | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.666          | 117  | 59241               | 21.458 | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.367          | 83   | 58993               | 20.469 | ug/l   | 99       |
| 40) Benzene                  | 6.025          | 78   | 157549              | 21.805 | ug/l   | 98       |

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 Sample : VX1215WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1215WBS01

Quant Time: Dec 16 00:12:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120425W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 05 03:27:34 2025  
 Response via : Initial Calibration

Manual Integrations  
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Reviewed By :Mahesh Dadoda 12/16/2025  
 Supervised By :Semsettin Yesilyurt 12/16/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.904  | 41   | 20010    | 15.101  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.068  | 62   | 53521    | 20.928  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.318  | 43   | 64352    | 14.592  | ug/l   | 95       |
| 44) Trichloroethene           | 7.111  | 130  | 38723    | 20.539  | ug/l   | 84       |
| 45) 1,2-Dichloropropane       | 7.415  | 63   | 39484    | 21.863  | ug/l   | 100      |
| 46) Dibromomethane            | 7.562  | 93   | 26446    | 19.310  | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.806  | 83   | 60516    | 21.194  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.678  | 41   | 31195    | 14.062  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 4982     | 163.290 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 171030   | 62.481  | ug/l   | 96       |
| 52) Toluene                   | 8.702  | 92   | 97606    | 22.402  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.964  | 75   | 57448    | 21.148  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 63229    | 21.658  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.135  | 97   | 35554    | 20.281  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 45596    | 16.617  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 60323    | 20.694  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 130223   | 87.805  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.415  | 43   | 111344   | 57.945  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.506  | 129  | 45952    | 21.198  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 36176    | 19.066  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.257  | 164  | 33156    | 19.652  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.061 | 112  | 105348   | 20.793  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 38149    | 21.052  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.177 | 91   | 178014   | 21.532  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.281 | 106  | 139031   | 43.172  | ug/l   | 99       |
| 69) o-Xylene                  | 10.622 | 106  | 65092    | 21.570  | ug/l   | 99       |
| 70) Styrene                   | 10.640 | 104  | 114729   | 22.146  | ug/l   | 98       |
| 71) Bromoform                 | 10.781 | 173  | 27971    | 17.289  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.945 | 105  | 171118   | 21.721  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.823 | 43   | 54299    | 15.863  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 40937    | 15.401  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 37699m   | 17.314  | ug/l   |          |
| 77) Bromobenzene              | 11.177 | 156  | 43733    | 20.799  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.287 | 91   | 202998   | 22.248  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 121700   | 21.874  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 141250   | 21.813  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 13097    | 14.288  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 143342   | 22.078  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 145470   | 21.620  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 143583   | 21.981  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.872 | 105  | 178495   | 21.889  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 149645   | 21.469  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 82845    | 21.372  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 81765    | 20.412  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.311 | 91   | 136300   | 20.885  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 29538    | 20.763  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 76370    | 20.322  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 6822     | 10.545  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 48354    | 19.482  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 21670    | 21.107  | ug/l   | 94       |
| 95) Naphthalene               | 13.756 | 128  | 109652   | 16.806  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 42590    | 18.607  | ug/l   | 100      |

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :  
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Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025  
Supervised By :Semsettin Yesilyurt 12/16/2025

Quant Time: Dec 16 00:12:33 2025  
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Quant Title : SW846 8260  
QLast Update : Fri Dec 05 03:27:34 2025  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

