

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110425\  
 Data File : VX048485.D  
 Acq On : 04 Nov 2025 16:02  
 Operator : JC/MD  
 Sample : VX1104WBSD02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1104WBSD02

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 11/05/2025  
 Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 03:27:26 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102925W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 02:37:17 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.525          | 168  | 159074              | 50.000  | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene      | 6.739          | 114  | 271466              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037         | 117  | 244989              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006         | 152  | 119906              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.934          | 65   | 125937              | 55.049  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 110.100% |         |        |          |
| 35) Dibromofluoromethane     | 5.361          | 113  | 77370               | 49.989  | ug/l   | -0.01    |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 99.980%  |         |        |          |
| 50) Toluene-d8               | 8.629          | 98   | 294233              | 43.067  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 86.140%# |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.061         | 95   | 126040              | 49.316  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 98.640%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173          | 85   | 30403               | 18.737  | ug/l   | 90       |
| 3) Chloromethane             | 1.301          | 50   | 18568               | 20.282  | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.380          | 62   | 39677               | 18.762  | ug/l   | 99       |
| 5) Bromomethane              | 1.618          | 94   | 14170               | 18.549  | ug/l   | 94       |
| 6) Chloroethane              | 1.697          | 64   | 19360               | 15.394  | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 1.898          | 101  | 51190               | 15.796  | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136          | 74   | 19396               | 16.560  | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 31250               | 17.143  | ug/l   | 92       |
| 10) Methyl Iodide            | 2.453          | 142  | 127250              | 17.360  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.928          | 59   | 11524               | 65.749  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.325          | 96   | 34696               | 18.739  | ug/l   | 85       |
| 13) Acrolein                 | 2.233          | 56   | 27715               | 75.755  | ug/l   | 95       |
| 14) Allyl chloride           | 2.660          | 41   | 56139               | 17.904  | ug/l   | 93       |
| 15) Acrylonitrile            | 3.050          | 53   | 68473               | 85.876  | ug/l   | 99       |
| 16) Acetone                  | 2.367          | 43   | 56858               | 109.658 | ug/l   | 94       |
| 17) Carbon Disulfide         | 2.514          | 76   | 94927               | 17.881  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.697          | 43   | 29695               | 17.124  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 3.099          | 73   | 115352              | 19.455  | ug/l   | 98       |
| 20) Methylene Chloride       | 2.782          | 84   | 40963               | 20.495  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 36921               | 18.773  | ug/l   | 100      |
| 22) Diisopropyl ether        | 3.745          | 45   | 125660              | 19.579  | ug/l   | 91       |
| 23) Vinyl Acetate            | 3.709          | 43   | 439837              | 100.675 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.599          | 63   | 68922               | 18.922  | ug/l   | 99       |
| 25) 2-Butanone               | 4.532          | 43   | 77556               | 93.632  | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 4.459          | 77   | 62549               | 19.945  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.477          | 96   | 44774               | 19.076  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.879          | 49   | 33433               | 20.254  | ug/l   | 92       |
| 29) Tetrahydrofuran          | 4.977          | 42   | 47238               | 80.080  | ug/l   | 95       |
| 30) Chloroform               | 5.068          | 83   | 73667               | 19.661  | ug/l   | 98       |
| 31) Cyclohexane              | 5.446          | 56   | 51935               | 16.427  | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.361          | 97   | 66281               | 20.038  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.672          | 75   | 49203               | 18.931  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.690          | 43   | 40995m              | 18.513  | ug/l   |          |
| 38) Carbon Tetrachloride     | 5.660          | 117  | 57197               | 19.060  | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.360          | 83   | 49768               | 14.890  | ug/l   | 92       |
| 40) Benzene                  | 6.019          | 78   | 147640              | 18.594  | ug/l   | 99       |

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 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 02:37:17 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.891  | 41   | 19358    | 17.355  | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 6.062  | 62   | 56782    | 20.303  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.312  | 43   | 66388    | 18.159  | ug/l   | 97       |
| 44) Trichloroethene           | 7.104  | 130  | 38346    | 18.433  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.409  | 63   | 37061    | 18.689  | ug/l   | 100      |
| 46) Dibromomethane            | 7.562  | 93   | 26522    | 19.105  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.799  | 83   | 59404    | 20.140  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.671  | 41   | 33094    | 18.562  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 3950     | 194.922 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 167312   | 82.231  | ug/l   | 93       |
| 52) Toluene                   | 8.696  | 92   | 83213    | 16.772  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.958  | 75   | 46851    | 17.525  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 56069    | 19.466  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.128  | 97   | 31309    | 17.438  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 44129    | 16.785  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 9.287  | 76   | 54790    | 17.599  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.220  | 63   | 133537   | 91.402  | ug/l   | 93       |
| 59) 2-Hexanone                | 9.409  | 43   | 122298   | 92.377  | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.500  | 129  | 45676    | 20.569  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 38281    | 20.609  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.256  | 164  | 31877    | 16.157  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.061 | 112  | 103448   | 18.329  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.140 | 131  | 36482    | 19.003  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.177 | 91   | 171721   | 18.070  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.281 | 106  | 131121   | 36.441  | ug/l   | 98       |
| 69) o-Xylene                  | 10.622 | 106  | 63451    | 18.453  | ug/l   | 96       |
| 70) Styrene                   | 10.634 | 104  | 108693   | 18.660  | ug/l   | 99       |
| 71) Bromoform                 | 10.781 | 173  | 25386    | 18.279  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.945 | 105  | 155028   | 17.480  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.823 | 43   | 60318    | 19.065  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 40271    | 17.927  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 32934m   | 19.099  | ug/l   |          |
| 77) Bromobenzene              | 11.177 | 156  | 40428    | 18.454  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.287 | 91   | 179760   | 17.149  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 112219   | 17.831  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 127232   | 17.501  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 8586     | 17.231  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 134532   | 18.184  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 122361   | 16.532  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 129875   | 18.042  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.872 | 105  | 149124   | 16.170  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 128649   | 16.501  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 71883    | 17.181  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 73859    | 17.332  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.311 | 91   | 115624   | 15.796  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 21399    | 15.620  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 67533    | 17.418  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.927 | 75   | 6953     | 15.806  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 35933    | 13.431  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 14342    | 12.780  | ug/l   | 100      |
| 95) Naphthalene               | 13.756 | 128  | 89256    | 13.210  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 28305    | 11.647  | ug/l   | 97       |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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