

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100625\  
 Data File : VX048015.D  
 Acq On : 06 Oct 2025 12:01  
 Operator : JC/MD  
 Sample : VX1006WBSD02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1006WBSD02

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 10/07/2025  
 Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:09:56 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.537          | 168  | 152252     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.744          | 114  | 261090     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037         | 117  | 237600     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006         | 152  | 122654     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.940          | 65   | 107045     | 44.170  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 88.340% |        |          |
| 35) Dibromofluoromethane     | 5.367          | 113  | 82219      | 46.955  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 93.920% |        |          |
| 50) Toluene-d8               | 8.634          | 98   | 282795     | 46.675  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 93.340% |        |          |
| 62) 4-Bromofluorobenzene     | 11.061         | 95   | 108813     | 47.321  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 94.640% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.172          | 85   | 28094      | 17.819  | ug/l   | 95       |
| 3) Chloromethane             | 1.300          | 50   | 31257      | 15.085  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.380          | 62   | 33563      | 16.547  | ug/l   | 98       |
| 5) Bromomethane              | 1.617          | 94   | 19426      | 15.103  | ug/l   | 97       |
| 6) Chloroethane              | 1.697          | 64   | 22856      | 16.860  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.898          | 101  | 53857      | 17.883  | ug/l   | 96       |
| 8) Diethyl Ether             | 2.135          | 74   | 21754      | 17.658  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337          | 101  | 33641      | 19.103  | ug/l   | 99       |
| 10) Methyl Iodide            | 2.453          | 142  | 38877      | 14.155  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.940          | 59   | 23524      | 87.155  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.324          | 96   | 30472      | 16.845  | ug/l   | 87       |
| 13) Acrolein                 | 2.233          | 56   | 49037      | 197.152 | ug/l   | 97       |
| 14) Allyl chloride           | 2.666          | 41   | 61138      | 16.379  | ug/l   | 97       |
| 15) Acrylonitrile            | 3.056          | 53   | 94891      | 94.913  | ug/l   | 98       |
| 16) Acetone                  | 2.373          | 43   | 85657      | 81.289  | ug/l   | 95       |
| 17) Carbon Disulfide         | 2.513          | 76   | 75547      | 15.256  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.696          | 43   | 47130      | 20.097  | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.105          | 73   | 117992     | 17.869  | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788          | 84   | 38566      | 17.291  | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 33831      | 17.371  | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.751          | 45   | 131297     | 18.150  | ug/l   | 94       |
| 23) Vinyl Acetate            | 3.714          | 43   | 509395     | 87.981  | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 69222      | 18.003  | ug/l   | 98       |
| 25) 2-Butanone               | 4.531          | 43   | 119276     | 90.746  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.458          | 77   | 57181      | 17.890  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.477          | 96   | 41691      | 17.480  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.879          | 49   | 32640      | 19.445  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 4.989          | 42   | 70826      | 89.573  | ug/l   | 99       |
| 30) Chloroform               | 5.074          | 83   | 72350      | 18.621  | ug/l   | 97       |
| 31) Cyclohexane              | 5.458          | 56   | 54562      | 17.038  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.367          | 97   | 59979      | 18.199  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.678          | 75   | 45627      | 17.832  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.696          | 43   | 51558      | 18.820  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.659          | 117  | 52569      | 18.910  | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.360          | 83   | 50427      | 17.362  | ug/l   | 97       |
| 40) Benzene                  | 6.019          | 78   | 142516     | 18.339  | ug/l   | 98       |

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 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.903  | 41   | 26538    | 18.764  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.068  | 62   | 55807    | 18.874  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.324  | 43   | 83059    | 18.486  | ug/l   | 98       |
| 44) Trichloroethene           | 7.110  | 130  | 34325    | 18.270  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.409  | 63   | 37891    | 19.041  | ug/l   | 95       |
| 46) Dibromomethane            | 7.567  | 93   | 27881    | 19.254  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.805  | 83   | 57980    | 19.403  | ug/l   | 93       |
| 48) Methyl methacrylate       | 7.677  | 41   | 40125    | 17.929  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 10178    | 449.998 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 247239   | 99.247  | ug/l   | 100      |
| 52) Toluene                   | 8.701  | 92   | 88888    | 18.565  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.964  | 75   | 57352    | 18.816  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 60676    | 18.625  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.134  | 97   | 37454    | 20.287  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.104  | 69   | 53300    | 18.383  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 63699    | 20.085  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 123774   | 96.516  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.415  | 43   | 170731   | 95.425  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.506  | 129  | 43166    | 20.292  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.591  | 107  | 37735    | 20.067  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.256  | 164  | 27811    | 17.955  | ug/l   | 99       |
| 65) Chlorobenzene             | 10.061 | 112  | 99797    | 18.488  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131  | 35925    | 19.287  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.177 | 91   | 169441   | 18.193  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.286 | 106  | 127045   | 36.649  | ug/l   | 100      |
| 69) o-Xylene                  | 10.622 | 106  | 62425    | 18.618  | ug/l   | 96       |
| 70) Styrene                   | 10.640 | 104  | 108130   | 18.405  | ug/l   | 98       |
| 71) Bromoform                 | 10.780 | 173  | 27890    | 20.053  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.945 | 105  | 164014   | 17.589  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.829 | 43   | 71382    | 16.787  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 52830    | 18.726  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.219 | 75   | 47765m   | 19.234  | ug/l   |          |
| 77) Bromobenzene              | 11.183 | 156  | 40885    | 17.802  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.286 | 91   | 194776   | 17.670  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.347 | 91   | 117714   | 17.435  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 134203   | 17.517  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 14999    | 15.402  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.439 | 91   | 141030   | 17.686  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 138041   | 17.601  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.731 | 105  | 134447   | 17.309  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.872 | 105  | 168674   | 18.107  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.987 | 119  | 138454   | 17.556  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 76139    | 17.848  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 78604    | 17.953  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.317 | 91   | 131332   | 17.997  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.518 | 117  | 25325    | 18.290  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 73167    | 18.003  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75   | 9847     | 17.239  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.566 | 180  | 43193    | 16.353  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 16217    | 18.076  | ug/l   | 99       |
| 95) Naphthalene               | 13.755 | 128  | 131974   | 16.409  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.938 | 180  | 43061    | 17.526  | ug/l   | 99       |

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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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