

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050625\  
 Data File : VX046054.D  
 Acq On : 06 May 2025 11:29  
 Operator : JC/MD  
 Sample : VX0506WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0506WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/07/2025  
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 01:45:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.544          | 168  | 95217      | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 162321     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049         | 117  | 142687     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018         | 152  | 67703      | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 81941      | 46.160  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 92.320% |        |          |
| 35) Dibromofluoromethane     | 5.379          | 113  | 55341      | 47.345  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 94.700% |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 188671     | 46.635  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 93.280% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 71223      | 45.895  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 91.800% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 28815      | 19.772  | ug/l   | 99       |
| 3) Chloromethane             | 1.307          | 50   | 26333      | 18.633  | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.374          | 62   | 23158      | 17.606  | ug/l   | 97       |
| 5) Bromomethane              | 1.593          | 94   | 11526      | 18.893  | ug/l   | 97       |
| 6) Chloroethane              | 1.672          | 64   | 13477      | 19.193  | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 1.880          | 101  | 37571      | 19.327  | ug/l   | 97       |
| 8) Diethyl Ether             | 2.130          | 74   | 12373      | 18.697  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 22515      | 18.716  | ug/l   | 99       |
| 10) Methyl Iodide            | 2.447          | 142  | 27209      | 19.115  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.965          | 59   | 24597      | 98.713  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.313          | 96   | 20675      | 18.312  | ug/l   | 98       |
| 13) Acrolein                 | 2.233          | 56   | 31582      | 111.293 | ug/l   | 97       |
| 14) Allyl chloride           | 2.660          | 41   | 39928      | 18.504  | ug/l   | 99       |
| 15) Acrylonitrile            | 3.062          | 53   | 71232      | 99.974  | ug/l   | 98       |
| 16) Acetone                  | 2.380          | 43   | 67868      | 95.353  | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.508          | 76   | 48023      | 17.941  | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703          | 43   | 33221      | 20.114  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 76135      | 19.234  | ug/l   | 99       |
| 20) Methylene Chloride       | 2.782          | 84   | 25043      | 18.361  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 21153      | 18.630  | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.757          | 45   | 80331      | 19.273  | ug/l   | 95       |
| 23) Vinyl Acetate            | 3.715          | 43   | 365269     | 99.638  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 44544      | 19.187  | ug/l   | 98       |
| 25) 2-Butanone               | 4.550          | 43   | 103197     | 99.870  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.465          | 77   | 32599      | 17.940  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 25987      | 19.012  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.891          | 49   | 22078      | 19.757  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.001          | 42   | 64613      | 99.789  | ug/l   | 99       |
| 30) Chloroform               | 5.086          | 83   | 46165      | 19.078  | ug/l   | 93       |
| 31) Cyclohexane              | 5.464          | 56   | 39105      | 18.485  | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 39607      | 18.882  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.684          | 75   | 29805      | 18.978  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.715          | 43   | 38343      | 19.761  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.666          | 117  | 33719      | 19.109  | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.373          | 83   | 37713      | 18.652  | ug/l   | 98       |
| 40) Benzene                  | 6.031          | 78   | 89819      | 19.525  | ug/l   | 99       |

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 Sample : VX0506WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0506WBSD01

Manual Integrations  
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Reviewed By : John Carlone 05/07/2025  
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Quant Time: May 07 01:45:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 22511    | 22.178  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 40112    | 20.204  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 60920    | 20.580  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 21097    | 19.055  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 21717    | 18.986  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 18104    | 20.067  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 35459    | 19.956  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 31471    | 20.817  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 12631    | 440.037 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 205502   | 104.586 | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 55937    | 19.831  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 31443    | 19.908  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 34562    | 19.799  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 22999    | 20.678  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 35980    | 20.297  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 39873    | 19.962  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 102755   | 113.701 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 154737   | 106.443 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.519  | 129  | 24301    | 19.895  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 23894    | 20.669  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 18597    | 18.421  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.073 | 112  | 59206    | 18.958  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 20507    | 19.230  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 105901   | 19.237  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 78722    | 39.098  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 38492    | 19.609  | ug/l   | 96       |
| 70) Styrene                   | 10.653 | 104  | 64448    | 20.043  | ug/l   | 100      |
| 71) Bromoform                 | 10.799 | 173  | 15529    | 19.395  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.957 | 105  | 103246   | 19.588  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 51152    | 19.639  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 36831    | 19.940  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 31853m   | 19.546  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 23199    | 18.958  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.299 | 91   | 118537   | 19.341  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 75397    | 19.073  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 86752    | 19.701  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 8682     | 17.345  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 84871    | 19.360  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 86117    | 19.415  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 86058    | 19.299  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 105506   | 19.373  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 87277    | 19.415  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 42566    | 19.060  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 43489    | 19.068  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 75753    | 19.211  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 14586    | 18.417  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 44477    | 19.846  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 8331     | 20.360  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 24099    | 18.722  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 10992    | 19.553  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 89284    | 18.912  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 24772    | 18.651  | ug/l   | 99       |

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Sample : VX0506WBSD01  
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ALS Vial : 6 Sample Multiplier: 1

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Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/07/2025  
Supervised By :Mahesh Dadoda 05/07/2025

Quant Time: May 07 01:45:11 2025  
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Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
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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

