

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121625\  
 Data File : VX048909.D  
 Acq On : 16 Dec 2025 23:21  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Dec 17 03:32:13 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 17 03:22:16 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025  
 Supervised By :Semsettin Yesilyurt 12/17/2025

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.537          | 168  | 86540               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.744          | 114  | 157761              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.036         | 117  | 144425              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006         | 152  | 72225               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.940          | 65   | 80739               | 55.815  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 111.640% |         |        |          |
| 35) Dibromofluoromethane     | 5.373          | 113  | 60347               | 51.464  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 102.920% |         |        |          |
| 50) Toluene-d8               | 8.634          | 98   | 205651              | 49.124  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 98.240%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.061         | 95   | 70638               | 46.998  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 94.000%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.172          | 85   | 47274               | 47.467  | ug/l   | 98       |
| 3) Chloromethane             | 1.300          | 50   | 55063               | 44.315  | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.379          | 62   | 54036               | 47.782  | ug/l   | 99       |
| 5) Bromomethane              | 1.617          | 94   | 34323               | 45.125  | ug/l   | 96       |
| 6) Chloroethane              | 1.696          | 64   | 32259               | 46.862  | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.898          | 101  | 76748               | 47.080  | ug/l   | 96       |
| 8) Diethyl Ether             | 2.135          | 74   | 31126               | 49.074  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337          | 101  | 44268               | 48.135  | ug/l   | 97       |
| 10) Methyl Iodide            | 2.452          | 142  | 65386               | 50.147  | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.934          | 59   | 21668               | 259.646 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.324          | 96   | 45438               | 50.271  | ug/l   | 92       |
| 13) Acrolein                 | 2.233          | 56   | 19245               | 216.707 | ug/l   | 97       |
| 14) Allyl chloride           | 2.666          | 41   | 96871               | 51.738  | ug/l   | 94       |
| 15) Acrylonitrile            | 3.056          | 53   | 121771              | 266.576 | ug/l   | 98       |
| 16) Acetone                  | 2.373          | 43   | 91587               | 300.568 | ug/l   | 95       |
| 17) Carbon Disulfide         | 2.519          | 76   | 129423              | 47.452  | ug/l   | 98       |
| 18) Methyl Acetate           | 2.696          | 43   | 51836               | 52.740  | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 3.105          | 73   | 167327              | 51.553  | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788          | 84   | 60780               | 48.294  | ug/l # | 94       |
| 21) trans-1,2-Dichloroethene | 3.092          | 96   | 51126               | 50.348  | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.751          | 45   | 213931              | 51.819  | ug/l # | 88       |
| 23) Vinyl Acetate            | 3.714          | 43   | 785505              | 260.288 | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 107905              | 49.565  | ug/l   | 99       |
| 25) 2-Butanone               | 4.531          | 43   | 137122              | 286.885 | ug/l   | 91       |
| 26) 2,2-Dichloropropane      | 4.464          | 77   | 79135               | 44.432  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.482          | 96   | 64662               | 49.737  | ug/l   | 90       |
| 28) Bromochloromethane       | 4.885          | 49   | 56484               | 51.054  | ug/l # | 75       |
| 29) Tetrahydrofuran          | 4.989          | 42   | 88274               | 257.281 | ug/l   | 88       |
| 30) Chloroform               | 5.080          | 83   | 108169              | 49.301  | ug/l   | 97       |
| 31) Cyclohexane              | 5.458          | 56   | 80982               | 49.834  | ug/l   | 89       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 89918               | 47.714  | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 5.684          | 75   | 67027               | 45.546  | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.696          | 43   | 69467               | 49.418  | ug/l # | 96       |
| 38) Carbon Tetrachloride     | 5.665          | 117  | 75354               | 42.957  | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.366          | 83   | 76375               | 46.179  | ug/l   | 94       |
| 40) Benzene                  | 6.025          | 78   | 218356              | 44.756  | ug/l   | 100      |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025  
 Supervised By :Semsettin Yesilyurt 12/17/2025

Quant Time: Dec 17 03:32:13 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 17 03:22:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.897  | 41   | 37035    | 52.359  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 82371    | 45.557  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 6.318  | 43   | 111173   | 47.692  | ug/l # | 93       |
| 44) Trichloroethene           | 7.110  | 130  | 50790    | 41.751  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.415  | 63   | 60383    | 45.731  | ug/l   | 100      |
| 46) Dibromomethane            | 7.567  | 93   | 39965    | 46.190  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.805  | 83   | 88845    | 46.435  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.677  | 41   | 55969    | 49.075  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.640  | 88   | 9717     | 935.255 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 311180   | 238.589 | ug/l   | 93       |
| 52) Toluene                   | 8.701  | 92   | 130302   | 44.524  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 8.963  | 75   | 85101    | 45.864  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 94495    | 47.033  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 9.134  | 97   | 51644    | 45.447  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 75762    | 49.200  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 89495    | 45.073  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 229851   | 249.059 | ug/l   | 92       |
| 59) 2-Hexanone                | 9.415  | 43   | 210626   | 237.469 | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.506  | 129  | 64631    | 45.943  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.591  | 107  | 50845    | 45.712  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.256  | 164  | 42268    | 45.509  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.061 | 112  | 147027   | 45.378  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131  | 53388    | 46.274  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.177 | 91   | 256199   | 46.651  | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.286 | 106  | 188756   | 93.330  | ug/l   | 99       |
| 69) o-Xylene                  | 10.622 | 106  | 89647    | 45.636  | ug/l   | 100      |
| 70) Styrene                   | 10.640 | 104  | 154386   | 46.497  | ug/l   | 99       |
| 71) Bromoform                 | 10.780 | 173  | 38574    | 44.749  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.945 | 105  | 227665   | 46.194  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.823 | 43   | 95334    | 45.694  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 63601    | 43.827  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.219 | 75   | 47842m   | 41.197  | ug/l   |          |
| 77) Bromobenzene              | 11.183 | 156  | 58452    | 46.384  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.286 | 91   | 274193   | 45.919  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.347 | 91   | 163038   | 44.227  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.432 | 105  | 185733   | 45.884  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 20618    | 45.092  | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 11.432 | 91   | 191192   | 45.236  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 188748   | 45.136  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.731 | 105  | 190094   | 46.481  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.871 | 105  | 231519   | 44.904  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.987 | 119  | 193033   | 45.681  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 105622   | 44.670  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 107115   | 43.183  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.310 | 91   | 183820   | 45.477  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.518 | 117  | 39504    | 43.450  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.316 | 146  | 102883   | 44.011  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75   | 11266    | 43.383  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.566 | 180  | 66485    | 49.470  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.706 | 225  | 26794    | 46.169  | ug/l   | 97       |
| 95) Naphthalene               | 13.755 | 128  | 177530   | 52.293  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.938 | 180  | 61613    | 51.021  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 12/17/2025  
Supervised By :Semsettin Yesilyurt 12/17/2025

Quant Time: Dec 17 03:32:13 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 17 03:22:16 2025  
Response via : Initial Calibration

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

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

