

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112025\  
 Data File : VX048639.D  
 Acq On : 20 Nov 2025 15:56  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 21 00:34:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 08 05:08:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.538  | 168  | 174791   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.745  | 114  | 291048   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 264327   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 133720   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 128810   | 52.887   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 105.780% |      |
| 35) Dibromofluoromethane    | 5.373  | 113   | 108478   | 49.245   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 98.480%  |      |
| 50) Toluene-d8              | 8.635  | 98    | 362158   | 52.714   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 105.420% |      |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 134669   | 52.598   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 105.200% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.173 | 85  | 61701   | 43.564  | ug/l   | 97  |
| 3) Chloromethane             | 1.301 | 50  | 76828   | 40.898  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.380 | 62  | 94071   | 44.229  | ug/l   | 99  |
| 5) Bromomethane              | 1.611 | 94  | 50307   | 37.457  | ug/l   | 97  |
| 6) Chloroethane              | 1.691 | 64  | 54590   | 39.191  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 141918  | 42.176  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.136 | 74  | 54730   | 40.520  | ug/l   | 89  |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 84108   | 43.176  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.453 | 142 | 101522  | 35.215  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 2.947 | 59  | 106538  | 230.845 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 77657   | 38.165  | ug/l   | 90  |
| 13) Acrolein                 | 2.233 | 56  | 12931   | 193.651 | ug/l   | 90  |
| 14) Allyl chloride           | 2.666 | 41  | 153650  | 40.558  | ug/l   | 94  |
| 15) Acrylonitrile            | 3.056 | 53  | 294773  | 218.794 | ug/l   | 98  |
| 16) Acetone                  | 2.374 | 43  | 240598  | 208.691 | ug/l   | 95  |
| 17) Carbon Disulfide         | 2.514 | 76  | 190763  | 33.316  | ug/l   | 97  |
| 18) Methyl Acetate           | 2.697 | 43  | 138915  | 43.845  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.105 | 73  | 317554  | 44.195  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 92390   | 38.979  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 84892   | 39.364  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.751 | 45  | 319287  | 43.892  | ug/l   | 97  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1394492 | 218.879 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 169398  | 42.439  | ug/l   | 99  |
| 25) 2-Butanone               | 4.538 | 43  | 385078  | 225.786 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.465 | 77  | 147586  | 43.371  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.477 | 96  | 107463  | 40.767  | ug/l   | 95  |
| 28) Bromochloromethane       | 4.885 | 49  | 76774   | 39.153  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 4.989 | 42  | 274078  | 225.319 | ug/l   | 97  |
| 30) Chloroform               | 5.080 | 83  | 183634  | 44.564  | ug/l   | 100 |
| 31) Cyclohexane              | 5.464 | 56  | 135033  | 41.288  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 5.373 | 97  | 160750  | 44.700  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 117331  | 39.777  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.696 | 43  | 177826  | 42.828  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 5.660 | 117 | 138670  | 41.298  | ug/l   | 96  |
| 39) Methylcyclohexane        | 7.367 | 83  | 135344  | 40.865  | ug/l   | 95  |
| 40) Benzene                  | 6.025 | 78  | 361559  | 39.543  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 21 00:34:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 08 05:08:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.897  | 41   | 80223    | 43.934  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 137357   | 43.845  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.324  | 43   | 251158   | 43.032  | ug/l   | 99       |
| 44) Trichloroethene           | 7.111  | 130  | 91717    | 41.966  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.415  | 63   | 93999    | 44.712  | ug/l   | 98       |
| 46) Dibromomethane            | 7.568  | 93   | 69778    | 45.506  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.806  | 83   | 146328   | 47.835  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.677  | 41   | 125142   | 48.232  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.647  | 88   | 39225    | 992.163 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 836052   | 251.643 | ug/l   | 99       |
| 52) Toluene                   | 8.702  | 92   | 225096   | 46.760  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.964  | 75   | 148893   | 47.237  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.354  | 75   | 156378   | 47.912  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.135  | 97   | 94066    | 48.909  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.104  | 69   | 158658   | 49.583  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 157473   | 47.040  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 431432   | 250.784 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.415  | 43   | 623296   | 252.207 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.506  | 129  | 115892   | 49.078  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 99243    | 47.642  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.256  | 164  | 76531    | 39.862  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.061 | 112  | 254169   | 40.512  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 92665    | 44.081  | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.177 | 91   | 435882   | 41.373  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.287 | 106  | 334683   | 84.349  | ug/l   | 98       |
| 69) o-Xylene                  | 10.622 | 106  | 161195   | 41.523  | ug/l   | 99       |
| 70) Styrene                   | 10.640 | 104  | 281848   | 43.280  | ug/l   | 99       |
| 71) Bromoform                 | 10.781 | 173  | 81845    | 42.201  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.945 | 105  | 420422   | 43.315  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.823 | 43   | 209913   | 43.071  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 146478   | 42.793  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 138811m  | 43.089  | ug/l   |          |
| 77) Bromobenzene              | 11.183 | 156  | 104813   | 41.819  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.287 | 91   | 488733   | 42.822  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 290500   | 42.123  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 342977   | 43.345  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 48866    | 43.387  | ug/l # | 88       |
| 82) 4-Chlorotoluene           | 11.439 | 91   | 346181   | 42.793  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 354329   | 43.294  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 342513   | 42.902  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.872 | 105  | 439819   | 43.481  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 370178   | 43.530  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 195254   | 41.565  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 197026   | 40.606  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.311 | 91   | 342602   | 42.945  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 68718    | 42.412  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 190269   | 42.192  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 34868    | 43.834  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 122163   | 40.767  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 48118    | 38.412  | ug/l   | 99       |
| 95) Naphthalene               | 13.756 | 128  | 416313   | 43.210  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 116743   | 41.883  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Nov 21 00:34:29 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 08 05:08:11 2025  
Response via : Initial Calibration

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

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

