

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100225\  
 Data File : VW032322.D  
 Acq On : 02 Oct 2025 10:53  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025  
 Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 21:32:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W100125S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 02 21:24:16 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 303983   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 550095   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 496155   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 241629   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 209066   | 47.153   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =    | 94.300%  |
| 35) Dibromofluoromethane    | 7.898  | 113   | 172865   | 48.524   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =    | 97.040%  |
| 50) Toluene-d8              | 10.325 | 98    | 661183   | 50.287   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =    | 100.580% |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 242552   | 48.807   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =    | 97.620%  |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 79871   | 41.871  | ug/l | 95  |
| 3) Chloromethane             | 2.253 | 50  | 126543  | 42.993  | ug/l | 97  |
| 4) Vinyl Chloride            | 2.405 | 62  | 179230  | 51.005  | ug/l | 93  |
| 5) Bromomethane              | 2.820 | 94  | 121357  | 46.995  | ug/l | 95  |
| 6) Chloroethane              | 2.966 | 64  | 113961  | 49.122  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 3.302 | 101 | 124514  | 47.326  | ug/l | 93  |
| 8) Diethyl Ether             | 3.722 | 74  | 111365  | 48.847  | ug/l | 89  |
| 9) 1,1,2-Trichlorotrifluo... | 4.094 | 101 | 157649  | 49.957  | ug/l | 93  |
| 10) Methyl Iodide            | 4.301 | 142 | 227880  | 50.610  | ug/l | 98  |
| 11) Tert butyl alcohol       | 5.204 | 59  | 90176   | 268.695 | ug/l | 95  |
| 12) 1,1-Dichloroethene       | 4.070 | 96  | 176001  | 51.373  | ug/l | 97  |
| 13) Acrolein                 | 3.929 | 56  | 124133  | 227.904 | ug/l | 99  |
| 14) Allyl chloride           | 4.698 | 41  | 294731  | 50.934  | ug/l | 90  |
| 15) Acrylonitrile            | 5.393 | 53  | 288905  | 243.584 | ug/l | 98  |
| 16) Acetone                  | 4.155 | 43  | 307908  | 250.804 | ug/l | 99  |
| 17) Carbon Disulfide         | 4.423 | 76  | 490993  | 52.526  | ug/l | 99  |
| 18) Methyl Acetate           | 4.704 | 43  | 153265  | 43.581  | ug/l | 98  |
| 19) Methyl tert-butyl Ether  | 5.460 | 73  | 341192  | 50.564  | ug/l | 97  |
| 20) Methylene Chloride       | 4.948 | 84  | 220995  | 54.902  | ug/l | 93  |
| 21) trans-1,2-Dichloroethene | 5.454 | 96  | 189747  | 50.025  | ug/l | 97  |
| 22) Diisopropyl ether        | 6.338 | 45  | 608801  | 50.588  | ug/l | 94  |
| 23) Vinyl Acetate            | 6.277 | 43  | 2077691 | 258.478 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.240 | 63  | 359603  | 49.184  | ug/l | 98  |
| 25) 2-Butanone               | 7.191 | 43  | 401861  | 240.342 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 202030  | 54.021  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 225769  | 49.547  | ug/l | 94  |
| 28) Bromochloromethane       | 7.526 | 49  | 163748  | 47.603  | ug/l | 87  |
| 29) Tetrahydrofuran          | 7.551 | 42  | 254385  | 241.927 | ug/l | 95  |
| 30) Chloroform               | 7.691 | 83  | 367490  | 49.561  | ug/l | 99  |
| 31) Cyclohexane              | 7.971 | 56  | 300667  | 48.170  | ug/l | 96  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 273266  | 52.008  | ug/l | 100 |
| 36) 1,1-Dichloropropene      | 8.099 | 75  | 260514  | 51.816  | ug/l | 98  |
| 37) Ethyl Acetate            | 7.270 | 43  | 170574  | 50.971  | ug/l | 97  |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 250420  | 52.930  | ug/l | 96  |
| 39) Methylcyclohexane        | 9.343 | 83  | 325576  | 53.686  | ug/l | 95  |
| 40) Benzene                  | 8.337 | 78  | 785060  | 49.816  | ug/l | 97  |

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 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 02 21:32:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W100125S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 02 21:24:16 2025  
 Response via : Initial Calibration

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 Yesilyurt

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.496  | 41   | 88641    | 49.150  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 253302   | 49.123  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 303008   | 51.041  | ug/l   | 99       |
| 44) Trichloroethene           | 9.099  | 130  | 180003   | 48.781  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 194753   | 49.511  | ug/l   | 98       |
| 46) Dibromomethane            | 9.465  | 93   | 117887   | 48.738  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.648  | 83   | 283409   | 51.228  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.441  | 41   | 145446   | 50.390  | ug/l # | 91       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 31952    | 966.470 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.209 | 43   | 861879   | 250.657 | ug/l   | 100      |
| 52) Toluene                   | 10.392 | 92   | 503498   | 51.305  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 276167   | 51.454  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 321960   | 52.076  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 161062   | 49.822  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 235930   | 52.141  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 284160   | 49.768  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 623659   | 258.981 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.971 | 43   | 615946   | 253.986 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.129 | 129  | 182317   | 49.668  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 159667   | 50.652  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.861 | 164  | 148353   | 49.970  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.654 | 112  | 548498   | 50.244  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 175734   | 51.684  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.727 | 91   | 962613   | 52.900  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.837 | 106  | 739215   | 105.349 | ug/l   | 99       |
| 69) o-Xylene                  | 12.166 | 106  | 342966   | 52.266  | ug/l   | 99       |
| 70) Styrene                   | 12.178 | 104  | 606232   | 52.915  | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 96579    | 49.554  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.458 | 105  | 886623   | 53.633  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.269 | 43   | 279636   | 53.025  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 202120   | 49.242  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 150111m  | 47.209  | ug/l   |          |
| 77) Bromobenzene              | 12.745 | 156  | 199369   | 50.031  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.800 | 91   | 1093992  | 52.979  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 644701   | 51.061  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 741535   | 51.876  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.513 | 75   | 67346    | 53.655  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.989 | 91   | 669810   | 49.898  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.202 | 119  | 632261   | 53.908  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 756773   | 52.065  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.379 | 105  | 919404   | 51.296  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 783843   | 52.706  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 396852   | 49.181  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 397095   | 49.216  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.818 | 91   | 770708   | 53.077  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 137562   | 51.605  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 363209   | 49.794  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 35018    | 48.727  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 223003   | 50.984  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 98260    | 49.136  | ug/l   | 96       |
| 95) Naphthalene               | 15.360 | 128  | 555474   | 52.882  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 215393   | 52.246  | ug/l   | 97       |

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

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

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