

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092525\  
 Data File : VW032261.D  
 Acq On : 25 Sep 2025 12:24  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025  
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:49:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W092525S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 26 06:41:54 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.959          | 168  | 263419     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.855          | 114  | 461173     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.629         | 117  | 443387     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.556         | 152  | 213560     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.319          | 65   | 186598     | 44.863  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 63 - 155 |      | Recovery = | 89.720% |        |          |
| 35) Dibromofluoromethane     | 7.904          | 113  | 159800     | 48.182  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 70 - 134 |      | Recovery = | 96.360% |        |          |
| 50) Toluene-d8               | 10.325         | 98   | 577472     | 48.312  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 123 |      | Recovery = | 96.620% |        |          |
| 62) 4-Bromofluorobenzene     | 12.617         | 95   | 222382     | 49.323  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 17 - 146 |      | Recovery = | 98.640% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.039          | 85   | 77732      | 42.711  | ug/l   | 100      |
| 3) Chloromethane             | 2.253          | 50   | 111388     | 42.767  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.405          | 62   | 141381     | 46.459  | ug/l   | 100      |
| 5) Bromomethane              | 2.820          | 94   | 96600      | 46.487  | ug/l   | 100      |
| 6) Chloroethane              | 2.966          | 64   | 94674      | 45.912  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.301          | 101  | 100937     | 44.021  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.716          | 74   | 96887      | 44.687  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.100          | 101  | 138524     | 47.331  | ug/l   | 100      |
| 10) Methyl Iodide            | 4.301          | 142  | 187435     | 47.349  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.216          | 59   | 60028      | 207.913 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.076          | 96   | 145223     | 46.418  | ug/l   | 100      |
| 13) Acrolein                 | 3.929          | 56   | 118954     | 231.485 | ug/l   | 100      |
| 14) Allyl chloride           | 4.698          | 41   | 231447     | 47.669  | ug/l   | 100      |
| 15) Acrylonitrile            | 5.399          | 53   | 248561     | 222.601 | ug/l   | 100      |
| 16) Acetone                  | 4.161          | 43   | 215356     | 201.612 | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.417          | 76   | 331845     | 46.133  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.710          | 43   | 194479     | 52.938  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.460          | 73   | 282181     | 48.658  | ug/l   | 100      |
| 20) Methylene Chloride       | 4.954          | 84   | 196832     | 51.165  | ug/l   | 100      |
| 21) trans-1,2-Dichloroethene | 5.453          | 96   | 159500     | 47.279  | ug/l   | 100      |
| 22) Diisopropyl ether        | 6.337          | 45   | 527651     | 48.907  | ug/l   | 100      |
| 23) Vinyl Acetate            | 6.283          | 43   | 1601259    | 230.704 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.246          | 63   | 324470     | 47.641  | ug/l   | 100      |
| 25) 2-Butanone               | 7.191          | 43   | 332100     | 223.055 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 7.185          | 77   | 157515     | 46.933  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.191          | 96   | 200886     | 47.877  | ug/l   | 100      |
| 28) Bromochloromethane       | 7.526          | 49   | 155192     | 47.753  | ug/l # | 100      |
| 29) Tetrahydrofuran          | 7.551          | 42   | 218311     | 225.860 | ug/l   | 100      |
| 30) Chloroform               | 7.691          | 83   | 338865     | 47.686  | ug/l   | 100      |
| 31) Cyclohexane              | 7.971          | 56   | 240167     | 44.720  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 7.886          | 97   | 230079     | 48.061  | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 8.093          | 75   | 222842     | 49.836  | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.276          | 43   | 138317     | 46.641  | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 8.087          | 117  | 206044     | 48.978  | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.343          | 83   | 262496     | 50.734  | ug/l   | 100      |
| 40) Benzene                  | 8.331          | 78   | 699089     | 49.669  | ug/l   | 100      |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
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 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:49:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W092525S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 26 06:41:54 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 81434    | 47.946   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 224207   | 47.924   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.435  | 43   | 252816   | 47.624   | ug/l   | 100      |
| 44) Trichloroethene           | 9.099  | 130  | 159555   | 48.499   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.373  | 63   | 181112   | 49.683   | ug/l   | 100      |
| 46) Dibromomethane            | 9.465  | 93   | 108241   | 48.295   | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.648  | 83   | 257273   | 50.329   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.441  | 41   | 123924   | 49.620   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.465  | 88   | 30020    | 1000.100 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 747705   | 237.557  | ug/l   | 100      |
| 52) Toluene                   | 10.386 | 92   | 432072   | 49.529   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 234010   | 49.964   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 272276   | 50.355   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 145639   | 47.606   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.648 | 69   | 201819   | 50.082   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 262086   | 49.590   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 581038   | 262.662  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.971 | 43   | 518965   | 241.448  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.129 | 129  | 170115   | 50.633   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 141919   | 48.966   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.867 | 164  | 133631   | 49.455   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.660 | 112  | 499320   | 48.890   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 159711   | 49.447   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.727 | 91   | 834567   | 49.923   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.836 | 106  | 639320   | 99.765   | ug/l   | 100      |
| 69) o-Xylene                  | 12.166 | 106  | 312144   | 51.830   | ug/l   | 100      |
| 70) Styrene                   | 12.178 | 104  | 552922   | 52.353   | ug/l   | 100      |
| 71) Bromoform                 | 12.349 | 173  | 93158    | 49.493   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.464 | 105  | 791099   | 53.222   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.269 | 43   | 231039   | 49.357   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 189180   | 48.542   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 141938m  | 42.260   | ug/l   |          |
| 77) Bromobenzene              | 12.745 | 156  | 195785   | 53.552   | ug/l   | 100      |
| 78) n-propylbenzene           | 12.800 | 91   | 1000628  | 53.593   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 592976   | 52.428   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 678131   | 53.361   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 57637    | 50.954   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 625344   | 52.316   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.202 | 119  | 558898   | 52.587   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 683724   | 52.990   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.379 | 105  | 851810   | 53.372   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 721846   | 54.612   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 371057   | 51.310   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 357426   | 48.381   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.818 | 91   | 706203   | 53.238   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.092 | 117  | 122891   | 49.885   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 348041   | 51.447   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 30775    | 46.167   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 204990   | 51.077   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.232 | 225  | 83590    | 45.350   | ug/l   | 100      |
| 95) Naphthalene               | 15.360 | 128  | 494973   | 51.385   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 190435   | 51.031   | ug/l   | 100      |

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Quant Title : SW846 8260  
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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

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