

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100225\  
 Data File : VW032324.D  
 Acq On : 02 Oct 2025 11:48  
 Operator : SY/MD  
 Sample : VW1002SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 21:34:15 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        | 7.965  | 168   | 277189   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.849  | 114   | 526280   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.629 | 117   | 484324   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.556 | 152   | 242228   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.319  | 65    | 211135   | 52.223   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 63 - 155 | Recovery | = 104.440% |          |
| 35) Dibromofluoromethane     | 7.904  | 113   | 170671   | 50.076   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 70 - 134 | Recovery | = 100.160% |          |
| 50) Toluene-d8               | 10.325 | 98    | 651567   | 51.798   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 123 | Recovery | = 103.600% |          |
| 62) 4-Bromofluorobenzene     | 12.617 | 95    | 244879   | 51.505   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 17 - 146 | Recovery | = 103.000% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.040  | 85    | 35292    | 20.290   | ug/l       | 96       |
| 3) Chloromethane             | 2.253  | 50    | 57316    | 21.355   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.399  | 62    | 72814    | 22.724   | ug/l       | 96       |
| 5) Bromomethane              | 2.814  | 94    | 52196    | 22.167   | ug/l       | 96       |
| 6) Chloroethane              | 2.966  | 64    | 44092    | 20.842   | ug/l       | 100      |
| 7) Trichlorofluoromethane    | 3.302  | 101   | 50494    | 21.047   | ug/l       | 99       |
| 8) Diethyl Ether             | 3.716  | 74    | 47688    | 22.939   | ug/l       | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 4.094  | 101   | 63532    | 22.078   | ug/l       | 93       |
| 10) Methyl Iodide            | 4.301  | 142   | 91243    | 22.223   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 5.204  | 59    | 39544    | 129.218  | ug/l #     | 92       |
| 12) 1,1-Dichloroethene       | 4.076  | 96    | 69815    | 22.348   | ug/l       | 96       |
| 13) Acrolein                 | 3.930  | 56    | 57342    | 115.454  | ug/l       | 100      |
| 14) Allyl chloride           | 4.698  | 41    | 116506   | 22.080   | ug/l       | 88       |
| 15) Acrylonitrile            | 5.393  | 53    | 115025   | 106.355  | ug/l       | 99       |
| 16) Acetone                  | 4.161  | 43    | 133233   | 119.014  | ug/l       | 99       |
| 17) Carbon Disulfide         | 4.417  | 76    | 190217   | 22.316   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.704  | 43    | 61526    | 19.186   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 5.460  | 73    | 134195   | 21.810   | ug/l       | 95       |
| 20) Methylene Chloride       | 4.954  | 84    | 108542   | 26.810   | ug/l       | 93       |
| 21) trans-1,2-Dichloroethene | 5.460  | 96    | 74880    | 21.650   | ug/l       | 98       |
| 22) Diisopropyl ether        | 6.338  | 45    | 244001   | 22.235   | ug/l       | 95       |
| 23) Vinyl Acetate            | 6.277  | 43    | 800452   | 109.207  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 6.240  | 63    | 142157   | 21.323   | ug/l       | 99       |
| 25) 2-Butanone               | 7.191  | 43    | 167396   | 109.792  | ug/l       | 99       |
| 26) 2,2-Dichloropropane      | 7.185  | 77    | 80170    | 23.509   | ug/l       | 98       |
| 27) cis-1,2-Dichloroethene   | 7.185  | 96    | 87523    | 21.064   | ug/l       | 92       |
| 28) Bromochloromethane       | 7.533  | 49    | 67354    | 21.473   | ug/l       | 89       |
| 29) Tetrahydrofuran          | 7.551  | 42    | 101272   | 105.622  | ug/l       | 93       |
| 30) Chloroform               | 7.691  | 83    | 146855   | 21.720   | ug/l       | 99       |
| 31) Cyclohexane              | 7.971  | 56    | 120796   | 21.224   | ug/l       | 91       |
| 32) 1,1,1-Trichloroethane    | 7.886  | 97    | 107635   | 22.465   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 8.093  | 75    | 102563   | 21.323   | ug/l       | 98       |
| 37) Ethyl Acetate            | 7.270  | 43    | 66109    | 20.649   | ug/l       | 99       |
| 38) Carbon Tetrachloride     | 8.081  | 117   | 95980    | 21.205   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.343  | 83    | 120270   | 20.729   | ug/l       | 91       |
| 40) Benzene                  | 8.337  | 78    | 312244   | 20.710   | ug/l       | 96       |

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 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 21:34:15 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) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.496  | 41   | 33699    | 19.531  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 104017   | 21.085  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 116950   | 20.591  | ug/l   | 99       |
| 44) Trichloroethene           | 9.099  | 130  | 73487    | 20.816  | ug/l   | 87       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 77793    | 20.672  | ug/l   | 100      |
| 46) Dibromomethane            | 9.465  | 93   | 48642    | 21.020  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.648  | 83   | 110045   | 20.791  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.441  | 41   | 54863    | 19.868  | ug/l # | 91       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 12438    | 393.244 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 343882   | 104.535 | ug/l   | 99       |
| 52) Toluene                   | 10.392 | 92   | 200400   | 21.344  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 104350   | 20.322  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 122595   | 20.727  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 64240    | 20.771  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 89602    | 20.698  | ug/l # | 94       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 114000   | 20.870  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 218251   | 94.732  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.971 | 43   | 248183   | 106.970 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.129 | 129  | 71782    | 20.440  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 63584    | 21.084  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.867 | 164  | 58875    | 20.315  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.654 | 112  | 220087   | 20.653  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 68197    | 20.547  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.727 | 91   | 368398   | 20.740  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.837 | 106  | 281970   | 41.166  | ug/l   | 98       |
| 69) o-Xylene                  | 12.166 | 106  | 133223   | 20.798  | ug/l   | 98       |
| 70) Styrene                   | 12.178 | 104  | 231753   | 20.723  | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 39869    | 20.956  | ug/l # | 93       |
| 73) Isopropylbenzene          | 12.458 | 105  | 331142   | 19.982  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.270 | 43   | 106443   | 20.134  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 83489    | 20.290  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 60719m   | 19.048  | ug/l   |          |
| 77) Bromobenzene              | 12.745 | 156  | 80252    | 20.089  | ug/l   | 88       |
| 78) n-propylbenzene           | 12.800 | 91   | 429786   | 20.762  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 258238   | 20.402  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 292453   | 20.409  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.513 | 75   | 24970    | 19.844  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 275242   | 20.454  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 245859   | 20.911  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 292513   | 20.075  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 366744   | 20.411  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 299340   | 20.078  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 165842   | 20.502  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 159923   | 19.772  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.818 | 91   | 291226   | 20.007  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 53135    | 19.884  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.861 | 146  | 144371   | 19.744  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 14103    | 19.575  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 87719    | 20.005  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.232 | 225  | 37751    | 18.831  | ug/l   | 92       |
| 95) Naphthalene               | 15.360 | 128  | 209580   | 19.903  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 82423    | 19.943  | ug/l   | 93       |

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ALS Vial : 5 Sample Multiplier: 1

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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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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