

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW070325\  
 Data File : VW031761.D  
 Acq On : 03 Jul 2025 11:39  
 Operator : SY/MD  
 Sample : VW0703SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0703SBS01

Quant Time: Jul 04 04:51:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:35:17 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 238876   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 409551   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 359871   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 173780   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 163705   | 47.753   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =    | 95.500%  |
| 35) Dibromofluoromethane    | 7.898  | 113   | 134414   | 50.295   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =    | 100.600% |
| 50) Toluene-d8              | 10.325 | 98    | 509701   | 51.250   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =    | 102.500% |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 185176   | 50.595   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =    | 101.200% |

|                              |       |     |        |        |      |     |
|------------------------------|-------|-----|--------|--------|------|-----|
| Target Compounds             |       |     |        | Qvalue |      |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 32783  | 20.151 | ug/l | 99  |
| 3) Chloromethane             | 2.253 | 50  | 38943  | 19.856 | ug/l | 98  |
| 4) Vinyl Chloride            | 2.405 | 62  | 53387  | 20.709 | ug/l | 97  |
| 5) Bromomethane              | 2.820 | 94  | 38702  | 19.221 | ug/l | 99  |
| 6) Chloroethane              | 2.972 | 64  | 34624  | 19.773 | ug/l | 98  |
| 7) Trichlorofluoromethane    | 3.302 | 101 | 43573  | 18.612 | ug/l | 95  |
| 8) Diethyl Ether             | 3.716 | 74  | 33671  | 18.927 | ug/l | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.100 | 101 | 50398  | 19.394 | ug/l | 99  |
| 10) Methyl Iodide            | 4.308 | 142 | 78432  | 19.578 | ug/l | 99  |
| 11) Tert butyl alcohol       | 5.210 | 59  | 19308  | 90.911 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 4.076 | 96  | 57233  | 20.108 | ug/l | 95  |
| 13) Acrolein                 | 3.924 | 56  | 34295  | 89.843 | ug/l | 96  |
| 14) Allyl chloride           | 4.704 | 41  | 87725  | 20.087 | ug/l | 96  |
| 15) Acrylonitrile            | 5.399 | 53  | 79947  | 91.385 | ug/l | 96  |
| 16) Acetone                  | 4.155 | 43  | 73979  | 87.308 | ug/l | 97  |
| 17) Carbon Disulfide         | 4.417 | 76  | 147302 | 19.340 | ug/l | 99  |
| 18) Methyl Acetate           | 4.704 | 43  | 50880  | 21.010 | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 5.460 | 73  | 93515  | 19.357 | ug/l | 95  |
| 20) Methylene Chloride       | 4.948 | 84  | 76933  | 19.814 | ug/l | 98  |
| 21) trans-1,2-Dichloroethene | 5.460 | 96  | 60290  | 19.934 | ug/l | 93  |
| 22) Diisopropyl ether        | 6.332 | 45  | 169639 | 19.917 | ug/l | 93  |
| 23) Vinyl Acetate            | 6.277 | 43  | 533080 | 91.631 | ug/l | 98  |
| 24) 1,1-Dichloroethane       | 6.240 | 63  | 106847 | 19.349 | ug/l | 99  |
| 25) 2-Butanone               | 7.191 | 43  | 106700 | 96.793 | ug/l | 96  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 62478  | 19.392 | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 67721  | 19.479 | ug/l | 99  |
| 28) Bromochloromethane       | 7.527 | 49  | 46634  | 19.137 | ug/l | 99  |
| 29) Tetrahydrofuran          | 7.551 | 42  | 71289  | 94.432 | ug/l | 98  |
| 30) Chloroform               | 7.691 | 83  | 114924 | 19.586 | ug/l | 97  |
| 31) Cyclohexane              | 7.965 | 56  | 93809  | 19.218 | ug/l | 91  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 90361  | 19.983 | ug/l | 98  |
| 36) 1,1-Dichloropropene      | 8.093 | 75  | 80267  | 20.756 | ug/l | 99  |
| 37) Ethyl Acetate            | 7.270 | 43  | 45722  | 18.742 | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 81352  | 20.643 | ug/l | 95  |
| 39) Methylcyclohexane        | 9.343 | 83  | 100392 | 20.865 | ug/l | 98  |
| 40) Benzene                  | 8.331 | 78  | 240384 | 21.010 | ug/l | 99  |

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 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :  
 VW0703SBS01

Quant Time: Jul 04 04:51:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 01 03:35:17 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.496  | 41   | 24240    | 18.548  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.411  | 62   | 78305    | 20.255  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.435  | 43   | 82680    | 19.661  | ug/l   | 100      |
| 44) Trichloroethene           | 9.099  | 130  | 59600    | 20.870  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 56963    | 20.599  | ug/l   | 97       |
| 46) Dibromomethane            | 9.465  | 93   | 36094    | 20.217  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.648  | 83   | 82627    | 19.737  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.441  | 41   | 39928    | 19.310  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.459  | 88   | 8082     | 386.525 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.209 | 43   | 234253   | 96.894  | ug/l   | 100      |
| 52) Toluene                   | 10.392 | 92   | 150829   | 20.589  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 77761    | 19.797  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 89224    | 20.037  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 45953    | 19.650  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 62280    | 19.630  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 83317    | 20.292  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.929  | 63   | 175594   | 100.510 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.971 | 43   | 163809   | 99.988  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.130 | 129  | 54445    | 19.469  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 46162    | 19.718  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 47461    | 20.162  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.660 | 112  | 160031   | 20.155  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 51884    | 20.506  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.727 | 91   | 290707   | 21.114  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.837 | 106  | 218347   | 41.254  | ug/l   | 100      |
| 69) o-Xylene                  | 12.166 | 106  | 102811   | 20.980  | ug/l   | 97       |
| 70) Styrene                   | 12.178 | 104  | 174746   | 20.627  | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 29666    | 19.654  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.459 | 105  | 273725   | 20.707  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.270 | 43   | 69720    | 19.569  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 58717    | 20.008  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 51800m   | 23.066  | ug/l   |          |
| 77) Bromobenzene              | 12.745 | 156  | 62139    | 21.077  | ug/l   | 86       |
| 78) n-propylbenzene           | 12.800 | 91   | 336897   | 21.283  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 201837   | 21.175  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 236343   | 21.600  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 17833    | 18.496  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 208498   | 20.835  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 195947   | 20.906  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 229951   | 20.742  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 295967   | 21.038  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 247826   | 21.375  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 120366   | 20.358  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 120459   | 19.905  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.818 | 91   | 234590   | 20.825  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 41156    | 19.676  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 110181   | 20.389  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 10528    | 18.373  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.123 | 180  | 67422    | 20.230  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 35912    | 22.315  | ug/l   | 88       |
| 95) Naphthalene               | 15.354 | 128  | 155409   | 19.020  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 60337    | 19.703  | ug/l   | 97       |

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Sample : VW0703SBS01  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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VW0703SBS01

Quant Time: Jul 04 04:51:19 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W063025S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 01 03:35:17 2025  
Response via : Initial Calibration

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

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

