

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071025\  
 Data File : VW031794.D  
 Acq On : 10 Jul 2025 11:33  
 Operator : SY/MD  
 Sample : VW0710SBS01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0710SBS01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025  
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 11 02:17:01 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      | 7.965  | 168  | 226314   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 415001   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 365558   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 173637   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 167289   | 51.507   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | = 103.020% |      |
| 35) Dibromofluoromethane    | 7.904  | 113   | 135149   | 49.906   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | = 99.820%  |      |
| 50) Toluene-d8              | 10.325 | 98    | 501996   | 49.812   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | = 99.620%  |      |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 192442   | 51.890   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | = 103.780% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 30178  | 19.580  | ug/l | 96  |
| 3) Chloromethane             | 2.259 | 50  | 36073  | 19.413  | ug/l | 97  |
| 4) Vinyl Chloride            | 2.405 | 62  | 50581  | 20.710  | ug/l | 95  |
| 5) Bromomethane              | 2.826 | 94  | 35400  | 18.557  | ug/l | 98  |
| 6) Chloroethane              | 2.972 | 64  | 32192  | 19.404  | ug/l | 97  |
| 7) Trichlorofluoromethane    | 3.301 | 101 | 36813  | 16.597  | ug/l | 94  |
| 8) Diethyl Ether             | 3.722 | 74  | 35786  | 21.232  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.106 | 101 | 50449  | 20.491  | ug/l | 98  |
| 10) Methyl Iodide            | 4.314 | 142 | 73975  | 19.491  | ug/l | 99  |
| 11) Tert butyl alcohol       | 5.228 | 59  | 19156  | 95.202  | ug/l | 97  |
| 12) 1,1-Dichloroethene       | 4.076 | 96  | 54559  | 20.232  | ug/l | 91  |
| 13) Acrolein                 | 3.929 | 56  | 28198  | 77.971  | ug/l | 99  |
| 14) Allyl chloride           | 4.704 | 41  | 86231  | 20.841  | ug/l | 97  |
| 15) Acrylonitrile            | 5.411 | 53  | 81557  | 98.400  | ug/l | 99  |
| 16) Acetone                  | 4.167 | 43  | 87339  | 108.797 | ug/l | 100 |
| 17) Carbon Disulfide         | 4.417 | 76  | 139598 | 19.345  | ug/l | 98  |
| 18) Methyl Acetate           | 4.710 | 43  | 43494  | 18.957  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 5.460 | 73  | 99089  | 21.649  | ug/l | 97  |
| 20) Methylene Chloride       | 4.960 | 84  | 86229  | 24.362  | ug/l | 95  |
| 21) trans-1,2-Dichloroethene | 5.454 | 96  | 59156  | 20.645  | ug/l | 96  |
| 22) Diisopropyl ether        | 6.338 | 45  | 180751 | 22.399  | ug/l | 95  |
| 23) Vinyl Acetate            | 6.283 | 43  | 597042 | 108.322 | ug/l | 98  |
| 24) 1,1-Dichloroethane       | 6.246 | 63  | 110704 | 21.161  | ug/l | 98  |
| 25) 2-Butanone               | 7.197 | 43  | 119126 | 114.064 | ug/l | 98  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 59909  | 19.627  | ug/l | 98  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 70581  | 21.429  | ug/l | 97  |
| 28) Bromochloromethane       | 7.532 | 49  | 49683  | 21.520  | ug/l | 97  |
| 29) Tetrahydrofuran          | 7.557 | 42  | 71773  | 100.351 | ug/l | 100 |
| 30) Chloroform               | 7.691 | 83  | 116682 | 20.990  | ug/l | 96  |
| 31) Cyclohexane              | 7.971 | 56  | 97811  | 21.151  | ug/l | 94  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 85852  | 20.040  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 8.099 | 75  | 82416  | 21.031  | ug/l | 99  |
| 37) Ethyl Acetate            | 7.276 | 43  | 49846  | 20.164  | ug/l | 98  |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 78551  | 19.671  | ug/l | 97  |
| 39) Methylcyclohexane        | 9.343 | 83  | 100339 | 20.580  | ug/l | 97  |
| 40) Benzene                  | 8.337 | 78  | 245359 | 21.163  | ug/l | 99  |

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 ALS Vial : 6 Sample Multiplier: 1

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 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025  
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 11 02:17:01 2025  
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 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         | 7.502  | 41   | 26501    | 20.012  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 83386    | 21.286  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 89552    | 21.016  | ug/l   | 99       |
| 44) Trichloroethene           | 9.105  | 130  | 56412    | 19.495  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 59237    | 21.140  | ug/l   | 95       |
| 46) Dibromomethane            | 9.465  | 93   | 37600    | 20.784  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.648  | 83   | 88183    | 20.787  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.441  | 41   | 41670    | 19.888  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 7065     | 333.450 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.215 | 43   | 256230   | 104.592 | ug/l   | 100      |
| 52) Toluene                   | 10.392 | 92   | 153896   | 20.732  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 82051    | 20.615  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 95884    | 21.250  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 50955    | 21.503  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 69105    | 21.495  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 89275    | 21.458  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 188338   | 106.389 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.971 | 43   | 184311   | 111.025 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.129 | 129  | 57910    | 20.436  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 48539    | 20.461  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.861 | 164  | 45851    | 19.175  | ug/l   | 84       |
| 65) Chlorobenzene             | 11.654 | 112  | 170652   | 21.158  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 53380    | 20.769  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.727 | 91   | 297893   | 21.300  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.837 | 106  | 224986   | 41.847  | ug/l   | 99       |
| 69) o-Xylene                  | 12.166 | 106  | 104943   | 21.082  | ug/l   | 98       |
| 70) Styrene                   | 12.178 | 104  | 184086   | 21.391  | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 29851    | 19.469  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.464 | 105  | 279027   | 21.126  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.269 | 43   | 79743    | 22.400  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 62348    | 21.263  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.769 | 75   | 46547m   | 20.744  | ug/l   |          |
| 77) Bromobenzene              | 12.745 | 156  | 60742    | 20.620  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.800 | 91   | 344945   | 21.810  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.885 | 91   | 205314   | 21.558  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 235670   | 21.556  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 19026    | 19.749  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 214521   | 21.454  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 198401   | 21.186  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 240630   | 21.723  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.379 | 105  | 301636   | 21.459  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 250318   | 21.608  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 129646   | 21.946  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 124248   | 20.548  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.818 | 91   | 238633   | 21.201  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 42207    | 20.195  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 112201   | 20.780  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 11405    | 19.920  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 66095    | 19.848  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 29695    | 18.467  | ug/l   | 96       |
| 95) Naphthalene               | 15.360 | 128  | 167135   | 20.472  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 59518    | 19.452  | ug/l   | 93       |

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Sample : VW0710SBSD01  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0710SBSD01

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025  
Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 11 02:17:01 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

