

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071125\  
 Data File : VU063492.D  
 Acq On : 11 Jul 2025 12:51  
 Operator : MD/SY  
 Sample : VU0711WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBS02

Quant Time: Jul 12 03:52:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 12 03:41:46 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.361  | 168  | 107957   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.238  | 114  | 190807   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.409  | 117  | 178690   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.804 | 152  | 96689    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.692  | 65    | 77587    | 56.328   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 112.660% |      |
| 35) Dibromofluoromethane    | 5.277  | 113   | 61028    | 53.061   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.120% |      |
| 50) Toluene-d8              | 7.888  | 98    | 196066   | 52.296   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 104.600% |      |
| 62) 4-Bromofluorobenzene    | 10.624 | 95    | 88539    | 53.991   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 107.980% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.383 | 85  | 14517  | 16.908  | ug/l   | 99  |
| 3) Chloromethane             | 1.518 | 50  | 17408  | 16.646  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.599 | 62  | 21360  | 18.420  | ug/l   | 97  |
| 5) Bromomethane              | 1.846 | 94  | 17426  | 21.449  | ug/l   | 95  |
| 6) Chloroethane              | 1.924 | 64  | 14526  | 17.289  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 2.129 | 101 | 36961  | 19.758  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.370 | 74  | 15181  | 19.472  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 2.570 | 101 | 21073  | 19.045  | ug/l   | 97  |
| 10) Methyl Iodide            | 2.708 | 142 | 19928  | 17.242  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 3.197 | 59  | 53609  | 116.081 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.570 | 96  | 19345  | 18.782  | ug/l   | 99  |
| 13) Acrolein                 | 2.480 | 56  | 6388   | 97.997  | ug/l # | 81  |
| 14) Allyl chloride           | 2.907 | 41  | 47777  | 19.487  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.306 | 53  | 115101 | 116.355 | ug/l   | 99  |
| 16) Acetone                  | 2.621 | 43  | 108876 | 94.229  | ug/l   | 100 |
| 17) Carbon Disulfide         | 2.776 | 76  | 38750  | 15.738  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.943 | 43  | 69168  | 23.261  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.361 | 73  | 89742  | 20.203  | ug/l   | 100 |
| 20) Methylene Chloride       | 3.030 | 84  | 26169  | 15.533  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 3.332 | 96  | 20858  | 18.849  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.991 | 45  | 80626  | 19.314  | ug/l   | 95  |
| 23) Vinyl Acetate            | 3.949 | 43  | 312631 | 96.515  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.849 | 63  | 46772  | 19.742  | ug/l   | 98  |
| 25) 2-Butanone               | 4.708 | 43  | 136691 | 105.382 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 4.644 | 77  | 38237  | 18.551  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.650 | 96  | 28826  | 19.735  | ug/l   | 97  |
| 28) Bromochloromethane       | 4.959 | 49  | 24682  | 22.178  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 5.055 | 42  | 89841  | 109.800 | ug/l   | 96  |
| 30) Chloroform               | 5.075 | 83  | 49352  | 19.730  | ug/l   | 100 |
| 31) Cyclohexane              | 5.367 | 56  | 35042  | 18.399  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 5.296 | 97  | 42435  | 19.924  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 5.512 | 75  | 28740  | 18.390  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.811 | 43  | 45891  | 18.132  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.509 | 117 | 31620  | 18.363  | ug/l   | 98  |
| 39) Methylcyclohexane        | 6.750 | 83  | 32467  | 17.194  | ug/l   | 97  |
| 40) Benzene                  | 5.763 | 78  | 94584  | 19.379  | ug/l   | 97  |

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 Data File : VU063492.D  
 Acq On : 11 Jul 2025 12:51  
 Operator : MD/SY  
 Sample : VU0711WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBS02

Quant Time: Jul 12 03:52:43 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 12 03:41:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.975  | 41   | 24304    | 20.351  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.785  | 62   | 38250    | 20.842  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.914  | 43   | 65093    | 19.362  | ug/l   | 98       |
| 44) Trichloroethene           | 6.531  | 130  | 24373    | 18.661  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 6.782  | 63   | 27030    | 19.922  | ug/l   | 93       |
| 46) Dibromomethane            | 6.910  | 93   | 19969    | 20.686  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.094  | 83   | 39081    | 19.469  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.959  | 41   | 30191    | 19.431  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.965  | 88   | 12834    | 376.408 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.785  | 43   | 256490   | 105.411 | ug/l   | 98       |
| 52) Toluene                   | 7.962  | 92   | 58356    | 18.280  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.203  | 75   | 30774    | 17.519  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.599  | 75   | 37750    | 19.198  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 8.393  | 97   | 26991    | 19.909  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 8.328  | 69   | 39975    | 18.279  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 8.566  | 76   | 44879    | 20.082  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 7.463  | 63   | 2597     | 114.358 | ug/l   | 98       |
| 59) 2-Hexanone                | 8.679  | 43   | 191187   | 103.883 | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.801  | 129  | 28669    | 18.877  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.914  | 107  | 25651    | 19.277  | ug/l   | 96       |
| 64) Tetrachloroethene         | 8.544  | 164  | 22251    | 16.727  | ug/l   | 95       |
| 65) Chlorobenzene             | 9.438  | 112  | 70883    | 19.067  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.524  | 131  | 22861    | 17.931  | ug/l   | 91       |
| 67) Ethyl Benzene             | 9.563  | 91   | 120310   | 18.829  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.685  | 106  | 90170    | 36.977  | ug/l   | 96       |
| 69) o-Xylene                  | 10.090 | 106  | 45801    | 18.474  | ug/l   | 100      |
| 70) Styrene                   | 10.106 | 104  | 75160    | 19.066  | ug/l   | 98       |
| 71) Bromoform                 | 10.283 | 173  | 18451    | 16.603  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.476 | 105  | 122825   | 18.669  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.315 | 43   | 54109    | 18.340  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 47428    | 19.585  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.814 | 75   | 47852    | 18.677  | ug/l # | 81       |
| 77) Bromobenzene              | 10.775 | 156  | 29014    | 17.991  | ug/l   | 94       |
| 78) n-propylbenzene           | 10.897 | 91   | 141977   | 18.608  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.978 | 91   | 87409    | 18.267  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 107333   | 18.652  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 10.537 | 75   | 9145     | 17.802  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.090 | 91   | 103513   | 19.054  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.412 | 119  | 105436   | 19.106  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 102812   | 18.195  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.634 | 105  | 136574   | 18.755  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.785 | 119  | 108963   | 18.444  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.740 | 146  | 57219    | 18.412  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.830 | 146  | 57789    | 18.239  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.200 | 91   | 96135    | 17.582  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.467 | 117  | 17310    | 17.519  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.206 | 146  | 56098    | 18.512  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.984 | 75   | 11962    | 20.856  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.836 | 180  | 33842    | 17.438  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.010 | 225  | 14054    | 16.941  | ug/l   | 98       |
| 95) Naphthalene               | 14.081 | 128  | 112052   | 17.631  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 33085    | 17.348  | ug/l   | 99       |

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Data File : VU063492.D  
Acq On : 11 Jul 2025 12:51  
Operator : MD/SY  
Sample : VU0711WBS02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBS02

Quant Time: Jul 12 03:52:43 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jul 12 03:41:46 2025  
Response via : Initial Calibration

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

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

