

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071125\  
 Data File : VU063494.D  
 Acq On : 11 Jul 2025 15:57  
 Operator : MD/SY  
 Sample : MDL04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Manual Integrations  
 APPROVED

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

Quant Time: Jul 12 03:55:36 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  | 97089               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.242          | 114  | 182312              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.412          | 117  | 165484              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.807         | 152  | 83433               | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.692          | 65   | 72412               | 58.456 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 116.920% |        |        |          |
| 35) Dibromofluoromethane     | 5.277          | 113  | 55586               | 50.581 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 101.160% |        |        |          |
| 50) Toluene-d8               | 7.888          | 98   | 177072              | 49.431 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 98.860%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 10.627         | 95   | 80371               | 51.294 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 102.580% |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.380          | 85   | 1934                | 2.505  | ug/l   | 84       |
| 3) Chloromethane             | 1.518          | 50   | 2778                | 2.954  | ug/l   | 89       |
| 4) Vinyl Chloride            | 1.599          | 62   | 3120                | 2.992  | ug/l   | 96       |
| 5) Bromomethane              | 1.843          | 94   | 2734                | 3.742  | ug/l   | 100      |
| 6) Chloroethane              | 1.923          | 64   | 2696                | 3.568  | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 2.126          | 101  | 4854                | 2.885  | ug/l   | 97       |
| 8) Diethyl Ether             | 2.370          | 74   | 1757                | 2.506  | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 2.570          | 101  | 2495                | 2.507  | ug/l   | 95       |
| 10) Methyl Iodide            | 2.711          | 142  | 2231                | 2.146  | ug/l # | 88       |
| 11) Tert butyl alcohol       | 3.187          | 59   | 7384                | 17.779 | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.570          | 96   | 2696                | 2.911  | ug/l   | 81       |
| 13) Acrolein                 | 2.483          | 56   | 698                 | 11.906 | ug/l   | 88       |
| 14) Allyl chloride           | 2.911          | 41   | 6611                | 2.998  | ug/l   | 94       |
| 15) Acrylonitrile            | 3.306          | 53   | 14907               | 16.756 | ug/l   | 99       |
| 16) Acetone                  | 2.621          | 43   | 13958               | 13.432 | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.776          | 76   | 7323                | 3.307  | ug/l   | 95       |
| 18) Methyl Acetate           | 2.943          | 43   | 6072                | 2.271  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.364          | 73   | 10067               | 2.520  | ug/l   | 98       |
| 20) Methylene Chloride       | 3.026          | 84   | 3926                | 2.591  | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 3.338          | 96   | 3081                | 3.096  | ug/l   | 85       |
| 22) Diisopropyl ether        | 3.997          | 45   | 9498                | 2.530  | ug/l   | 94       |
| 23) Vinyl Acetate            | 3.952          | 43   | 38847               | 13.335 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.853          | 63   | 5749                | 2.698  | ug/l # | 94       |
| 25) 2-Butanone               | 4.721          | 43   | 16363               | 14.027 | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 4.644          | 77   | 4934                | 2.662  | ug/l   | 89       |
| 27) cis-1,2-Dichloroethene   | 4.653          | 96   | 3269                | 2.489  | ug/l   | 96       |
| 28) Bromochloromethane       | 4.962          | 49   | 3170                | 3.167  | ug/l # | 99       |
| 29) Tetrahydrofuran          | 5.062          | 42   | 11060               | 15.030 | ug/l   | 94       |
| 30) Chloroform               | 5.081          | 83   | 5698                | 2.533  | ug/l   | 96       |
| 31) Cyclohexane              | 5.367          | 56   | 7778                | 4.541  | ug/l # | 74       |
| 32) 1,1,1-Trichloroethane    | 5.300          | 97   | 5109                | 2.667  | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 5.515          | 75   | 3859                | 2.584  | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.830          | 43   | 7766m               | 3.211  | ug/l   |          |
| 38) Carbon Tetrachloride     | 5.509          | 117  | 3592                | 2.183  | ug/l   | 96       |
| 39) Methylcyclohexane        | 6.746          | 83   | 4348                | 2.410  | ug/l   | 95       |
| 40) Benzene                  | 5.766          | 78   | 11788               | 2.528  | ug/l   | 99       |

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 Sample : MDL04  
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

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

Quant Time: Jul 12 03:55:36 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         | 4.991  | 41   | 2360     | 2.068  | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 5.791  | 62   | 4697     | 2.679  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 5.923  | 43   | 7981     | 2.485  | ug/l # | 90       |
| 44) Trichloroethene           | 6.537  | 130  | 2913     | 2.334  | ug/l   | 72       |
| 45) 1,2-Dichloropropane       | 6.788  | 63   | 2919     | 2.252  | ug/l   | 90       |
| 46) Dibromomethane            | 6.910  | 93   | 2253     | 2.443  | ug/l   | 90       |
| 47) Bromodichloromethane      | 7.097  | 83   | 4161     | 2.169  | ug/l   | 90       |
| 48) Methyl methacrylate       | 6.971  | 41   | 3757     | 2.531  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 6.971  | 88   | 1822     | 55.927 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 7.791  | 43   | 30206    | 12.992 | ug/l   | 96       |
| 52) Toluene                   | 7.962  | 92   | 7208     | 2.363  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.209  | 75   | 3463     | 2.063  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 7.608  | 75   | 4108     | 2.186  | ug/l # | 93       |
| 55) 1,1,2-Trichloroethane     | 8.396  | 97   | 3001     | 2.317  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 8.338  | 69   | 4810     | 2.302  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 8.566  | 76   | 4978     | 2.331  | ug/l   | 95       |
| 59) 2-Hexanone                | 8.685  | 43   | 22099    | 12.567 | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.798  | 129  | 2988     | 2.059  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.920  | 107  | 2795     | 2.198  | ug/l   | 98       |
| 64) Tetrachloroethene         | 8.547  | 164  | 2661     | 2.160  | ug/l # | 85       |
| 65) Chlorobenzene             | 9.441  | 112  | 8457     | 2.456  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 9.524  | 131  | 2377     | 2.013  | ug/l   | 81       |
| 67) Ethyl Benzene             | 9.566  | 91   | 14960    | 2.528  | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.692  | 106  | 10453    | 4.629  | ug/l   | 90       |
| 69) o-Xylene                  | 10.100 | 106  | 5536     | 2.411  | ug/l   | 92       |
| 70) Styrene                   | 10.116 | 104  | 7998     | 2.191  | ug/l   | 97       |
| 71) Bromoform                 | 10.283 | 173  | 1860     | 1.807  | ug/l # | 90       |
| 73) Isopropylbenzene          | 10.479 | 105  | 13758    | 2.423  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.325 | 43   | 6312     | 2.479  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 5070     | 2.426  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.817 | 75   | 5638     | 2.550  | ug/l # | 81       |
| 77) Bromobenzene              | 10.782 | 156  | 3561     | 2.559  | ug/l   | 89       |
| 78) n-propylbenzene           | 10.901 | 91   | 17107    | 2.598  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 10.984 | 91   | 9737     | 2.358  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 11458    | 2.308  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 10.544 | 75   | 1073m    | 2.421  | ug/l   |          |
| 82) 4-Chlorotoluene           | 11.094 | 91   | 11284    | 2.407  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.412 | 119  | 11925    | 2.504  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 11285    | 2.314  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 11.637 | 105  | 14822    | 2.359  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.788 | 119  | 12403    | 2.433  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.746 | 146  | 6749     | 2.517  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.833 | 146  | 6975     | 2.551  | ug/l   | 89       |
| 89) n-Butylbenzene            | 12.206 | 91   | 12227    | 2.592  | ug/l   | 95       |
| 90) Hexachloroethane          | 12.466 | 117  | 1659     | 1.946  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.209 | 146  | 5989     | 2.290  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.991 | 75   | 1128     | 2.279  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.846 | 180  | 3793     | 2.265  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 14.013 | 225  | 1503     | 2.100  | ug/l   | 94       |
| 95) Naphthalene               | 14.090 | 128  | 16031    | 2.923  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 14.328 | 180  | 4034     | 2.451  | ug/l   | 98       |

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ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 12 03:55:36 2025  
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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 |      |      |          |      |       |          |

