

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_T\Data\VT102925\  
 Data File : VT019204.D  
 Acq On : 29 Oct 2025 15:20  
 Operator : SY/MD  
 Sample : MDL01  
 Misc : 5.0mL/MSVOA\_T/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_T  
 ClientSampleId :  
 MDL01

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 10/30/2025  
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 09:09:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_T\methods\82T102925W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 08:43:44 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 7.554  | 168  | 154019   | 50.000 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.553  | 114  | 262043   | 50.000 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.725 | 117  | 203761   | 50.000 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.935 | 152  | 96030    | 50.000 | ug/l    | 0.00     |
|                              |        |      |          |        |         |          |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 7.942  | 65   | 112103   | 45.250 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 90.500% |          |
| 35) Dibromofluoromethane     | 7.471  | 113  | 76130    | 45.935 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 91.860% |          |
| 50) Toluene-d8               | 10.227 | 98   | 305133   | 45.337 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 90.680% |          |
| 62) 4-Bromofluorobenzene     | 12.859 | 95   | 90071    | 42.570 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 85.140% |          |
|                              |        |      |          |        |         |          |
| Target Compounds             |        |      |          |        | Qvalue  |          |
| 2) Dichlorodifluoromethane   | 1.872  | 85   | 2292     | 2.527  | ug/l    | 95       |
| 3) Chloromethane             | 2.060  | 50   | 4435m    | 3.173  | ug/l    |          |
| 4) Vinyl Chloride            | 2.189  | 62   | 5376     | 3.006  | ug/l    | 96       |
| 5) Bromomethane              | 2.524  | 94   | 5050     | 5.243  | ug/l    | 92       |
| 6) Chloroethane              | 2.665  | 64   | 4279     | 2.637  | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 2.971  | 101  | 9344     | 2.822  | ug/l    | 92       |
| 8) Diethyl Ether             | 3.335  | 74   | 4371     | 2.753  | ug/l    | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 3.664  | 101  | 3780     | 2.353  | ug/l    | 92       |
| 10) Methyl Iodide            | 3.852  | 142  | 2512     | 1.932  | ug/l #  | 76       |
| 11) Tert butyl alcohol       | 4.645  | 59   | 7952     | 15.101 | ug/l #  | 86       |
| 12) 1,1-Dichloroethene       | 3.647  | 96   | 3377     | 2.275  | ug/l    | 94       |
| 13) Acrolein                 | 3.511  | 56   | 1811     | 20.160 | ug/l    | 99       |
| 14) Allyl chloride           | 4.199  | 41   | 7528     | 2.572  | ug/l    | 88       |
| 15) Acrylonitrile            | 4.822  | 53   | 17004    | 13.241 | ug/l    | 99       |
| 16) Acetone                  | 3.723  | 43   | 27580    | 9.378  | ug/l    | 96       |
| 17) Carbon Disulfide         | 3.934  | 76   | 6420     | 3.183  | ug/l    | 99       |
| 18) Methyl Acetate           | 4.199  | 43   | 7578     | 1.738  | ug/l    | 98       |
| 19) Methyl tert-butyl Ether  | 4.880  | 73   | 17256    | 2.574  | ug/l    | 95       |
| 20) Methylene Chloride       | 4.404  | 84   | 5358     | 3.235  | ug/l #  | 82       |
| 21) trans-1,2-Dichloroethene | 4.869  | 96   | 3340     | 2.643  | ug/l #  | 91       |
| 22) Diisopropyl ether        | 5.779  | 45   | 17411    | 2.506  | ug/l #  | 89       |
| 23) Vinyl Acetate            | 5.721  | 43   | 66489    | 13.393 | ug/l    | 100      |
| 24) 1,1-Dichloroethane       | 5.668  | 63   | 8303     | 2.554  | ug/l #  | 93       |
| 25) 2-Butanone               | 6.672  | 43   | 27357    | 14.437 | ug/l    | 92       |
| 26) 2,2-Dichloropropane      | 6.661  | 77   | 7082     | 2.525  | ug/l    | 96       |
| 27) cis-1,2-Dichloroethene   | 6.661  | 96   | 4833     | 2.725  | ug/l    | 97       |
| 28) Bromochloromethane       | 7.043  | 49   | 2786     | 1.604  | ug/l #  | 90       |
| 29) Tetrahydrofuran          | 7.072  | 42   | 14030    | 12.726 | ug/l    | 93       |
| 30) Chloroform               | 7.242  | 83   | 7954     | 2.614  | ug/l    | 99       |
| 31) Cyclohexane              | 7.548  | 56   | 9777     | 4.045  | ug/l #  | 51       |
| 32) 1,1,1-Trichloroethane    | 7.454  | 97   | 6245     | 2.578  | ug/l    | 97       |
| 36) 1,1-Dichloropropene      | 7.683  | 75   | 4868     | 2.611  | ug/l    | 96       |
| 37) Ethyl Acetate            | 6.778  | 43   | 9010     | 2.839  | ug/l #  | 98       |
| 38) Carbon Tetrachloride     | 7.660  | 117  | 4088     | 2.412  | ug/l #  | 79       |
| 39) Methylcyclohexane        | 9.093  | 83   | 5543     | 2.691  | ug/l    | 92       |
| 40) Benzene                  | 7.953  | 78   | 16750    | 2.654  | ug/l    | 96       |

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 Sample : MDL01  
 Misc : 5.0mL/MSVOA\_T/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_T  
 ClientSampleId :  
 MDL01

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 10/30/2025  
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 09:09:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_T\methods\82T102925W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 08:43:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.025  | 41   | 4620     | 2.894  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.047  | 62   | 5740     | 2.588  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.094  | 43   | 13140    | 2.604  | ug/l   | 97       |
| 44) Trichloroethene           | 8.823  | 130  | 3425     | 2.777  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 4210     | 2.622  | ug/l   | 96       |
| 46) Dibromomethane            | 9.240  | 93   | 2328     | 2.409  | ug/l   | 88       |
| 47) Bromodichloromethane      | 9.457  | 83   | 5305     | 2.435  | ug/l # | 85       |
| 48) Methyl methacrylate       | 9.228  | 41   | 5535     | 2.442  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.240  | 88   | 2144     | 50.361 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.110 | 43   | 38323    | 12.610 | ug/l   | 98       |
| 52) Toluene                   | 10.304 | 92   | 9253     | 2.566  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.562 | 75   | 5947     | 2.522  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 9.945  | 75   | 5712     | 2.339  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.762 | 97   | 3860     | 2.714  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.615 | 69   | 6599     | 2.414  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.932 | 76   | 6565     | 2.601  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.786  | 63   | 11378    | 15.469 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.979 | 43   | 31170    | 13.538 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.155 | 129  | 3354     | 2.339  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.273 | 107  | 3570     | 2.696  | ug/l   | 87       |
| 64) Tetrachloroethene         | 10.844 | 164  | 2657     | 2.869  | ug/l   | 89       |
| 65) Chlorobenzene             | 11.761 | 112  | 10247    | 2.802  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 3002     | 2.398  | ug/l   | 89       |
| 67) Ethyl Benzene             | 11.849 | 91   | 18180    | 2.659  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.978 | 106  | 13178    | 5.218  | ug/l   | 99       |
| 69) o-Xylene                  | 12.342 | 106  | 6915     | 2.754  | ug/l   | 93       |
| 70) Styrene                   | 12.360 | 104  | 11635    | 2.574  | ug/l   | 95       |
| 71) Bromoform                 | 12.554 | 173  | 2364     | 2.469  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.689 | 105  | 17926    | 2.712  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.477 | 43   | 9085     | 2.724  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.971 | 83   | 6054     | 2.673  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 13.036 | 75   | 5657m    | 2.863  | ug/l   |          |
| 77) Bromobenzene              | 13.006 | 156  | 4329     | 3.086  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.071 | 91   | 21766    | 2.771  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.171 | 91   | 12732    | 2.830  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.230 | 105  | 14183    | 2.671  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.742 | 75   | 1917     | 2.276  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.288 | 91   | 13045    | 2.849  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.529 | 119  | 13814    | 2.811  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.582 | 105  | 14284    | 2.649  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.735 | 105  | 19294    | 2.676  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.864 | 119  | 16445    | 2.732  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.870 | 146  | 8258     | 2.869  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.958 | 146  | 8811     | 3.039  | ug/l   | 84       |
| 89) n-Butylbenzene            | 14.240 | 91   | 15409    | 2.772  | ug/l   | 95       |
| 90) Hexachloroethane          | 14.546 | 117  | 2055     | 2.213  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.287 | 146  | 8170     | 2.898  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.992 | 75   | 1239     | 2.536  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.774 | 180  | 5956     | 3.285  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.897 | 225  | 2109     | 2.820  | ug/l   | 90       |
| 95) Naphthalene               | 16.067 | 128  | 24426    | 3.847  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 16.302 | 180  | 6027     | 3.369  | ug/l   | 97       |

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Sample : MDL01  
Misc : 5.0mL/MSVOA\_T/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_T  
ClientSampleId :  
MDL01

Manual Integrations  
APPROVED

Reviewed By :Amit Patel 10/30/2025  
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 09:09:52 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_T\methods\82T102925W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 30 08:43:44 2025  
Response via : Initial Calibration

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

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

