

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100325\  
 Data File : VX047986.D  
 Acq On : 03 Oct 2025 12:22  
 Operator : JC/MD  
 Sample : VX1003WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1003WBS02

Quant Time: Oct 03 23:45:14 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025  
 Supervised By :Semsettin Yesilyurt 10/06/2025

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 5.538          | 168  | 126673              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.745          | 114  | 223242              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037         | 117  | 203303              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006         | 152  | 101886              | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.940          | 65   | 107996              | 53.561 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 107.120% |        |        |          |
| 35) Dibromofluoromethane     | 5.367          | 113  | 82433               | 55.059 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 110.120% |        |        |          |
| 50) Toluene-d8               | 8.635          | 98   | 277687              | 53.602 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 107.200% |        |        |          |
| 62) 4-Bromofluorobenzene     | 11.061         | 95   | 106162              | 53.996 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 108.000% |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.179          | 85   | 24581               | 18.740 | ug/l   | 99       |
| 3) Chloromethane             | 1.301          | 50   | 29342               | 17.020 | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.380          | 62   | 30471               | 18.056 | ug/l   | 99       |
| 5) Bromomethane              | 1.618          | 94   | 21736               | 20.312 | ug/l   | 100      |
| 6) Chloroethane              | 1.697          | 64   | 20534               | 18.205 | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.898          | 101  | 47376               | 18.907 | ug/l   | 95       |
| 8) Diethyl Ether             | 2.136          | 74   | 18804               | 18.345 | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337          | 101  | 28877               | 19.709 | ug/l   | 98       |
| 10) Methyl Iodide            | 2.453          | 142  | 36576               | 16.007 | ug/l   | 97       |
| 11) Tert butyl alcohol       | 2.934          | 59   | 17490               | 77.884 | ug/l   | 95       |
| 12) 1,1-Dichloroethene       | 2.325          | 96   | 27340               | 18.166 | ug/l   | 97       |
| 13) Acrolein                 | 2.233          | 56   | 18482               | 89.311 | ug/l   | 99       |
| 14) Allyl chloride           | 2.666          | 41   | 53719               | 17.297 | ug/l   | 99       |
| 15) Acrylonitrile            | 3.056          | 53   | 80543               | 96.830 | ug/l   | 98       |
| 16) Acetone                  | 2.374          | 43   | 66049               | 75.338 | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.514          | 76   | 67602               | 16.408 | ug/l   | 98       |
| 18) Methyl Acetate           | 2.697          | 43   | 38893               | 19.934 | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.105          | 73   | 104908              | 19.095 | ug/l   | 96       |
| 20) Methylene Chloride       | 2.788          | 84   | 36299               | 19.560 | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 30041               | 18.540 | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.751          | 45   | 121631              | 20.209 | ug/l   | 97       |
| 23) Vinyl Acetate            | 3.709          | 43   | 455775              | 94.616 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.599          | 63   | 63044               | 19.707 | ug/l   | 99       |
| 25) 2-Butanone               | 4.538          | 43   | 93517               | 85.515 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.465          | 77   | 47792               | 17.972 | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.477          | 96   | 38365               | 19.334 | ug/l   | 99       |
| 28) Bromochloromethane       | 4.885          | 49   | 28377               | 20.319 | ug/l   | 100      |
| 29) Tetrahydrofuran          | 4.983          | 42   | 59475               | 90.406 | ug/l   | 99       |
| 30) Chloroform               | 5.074          | 83   | 65984               | 20.411 | ug/l   | 95       |
| 31) Cyclohexane              | 5.452          | 56   | 45397               | 17.038 | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 54188               | 19.762 | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.678          | 75   | 38668               | 17.675 | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.696          | 43   | 41660               | 17.785 | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.660          | 117  | 45275               | 19.047 | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.367          | 83   | 43965               | 17.704 | ug/l   | 94       |
| 40) Benzene                  | 6.019          | 78   | 130214              | 19.597 | ug/l   | 99       |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1003WBS02

Manual Integrations  
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Reviewed By :Mahesh Dadoda 10/06/2025  
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:45:14 2025  
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 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 23709    | 19.606  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.068  | 62   | 51249    | 20.271  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.318  | 43   | 69942    | 18.206  | ug/l   | 99       |
| 44) Trichloroethene           | 7.111  | 130  | 30783    | 19.162  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 7.415  | 63   | 34658    | 20.370  | ug/l   | 98       |
| 46) Dibromomethane            | 7.568  | 93   | 25268    | 20.408  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.806  | 83   | 53374    | 20.890  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.678  | 41   | 33882    | 17.706  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 7806     | 403.637 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 205051   | 96.266  | ug/l   | 98       |
| 52) Toluene                   | 8.702  | 92   | 79425    | 19.401  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.964  | 75   | 50330    | 19.312  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 54652    | 19.620  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.135  | 97   | 33013    | 20.914  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 47680    | 19.233  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 57474    | 21.195  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 119833   | 108.060 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.415  | 43   | 135325   | 88.459  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.506  | 129  | 38514    | 21.175  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 33310    | 20.717  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.256  | 164  | 24781    | 18.698  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.061 | 112  | 89592    | 19.398  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 32462    | 20.368  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.177 | 91   | 149076   | 18.707  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.287 | 106  | 112155   | 37.811  | ug/l   | 100      |
| 69) o-Xylene                  | 10.622 | 106  | 54811    | 19.105  | ug/l   | 99       |
| 70) Styrene                   | 10.640 | 104  | 95723    | 19.042  | ug/l   | 98       |
| 71) Bromoform                 | 10.781 | 173  | 23667    | 19.887  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.945 | 105  | 141532   | 18.272  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.829 | 43   | 59525    | 16.852  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 46242    | 19.732  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 39632m   | 19.212  | ug/l   |          |
| 77) Bromobenzene              | 11.183 | 156  | 36018    | 18.879  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.287 | 91   | 166982   | 18.236  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 103483   | 18.452  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 117466   | 18.458  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 12900    | 15.947  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.439 | 91   | 122332   | 18.469  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.695 | 119  | 119792   | 18.388  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 118395   | 18.350  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.872 | 105  | 144326   | 18.651  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 121030   | 18.475  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 67091    | 18.933  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 68424    | 18.814  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.317 | 91   | 111009   | 18.313  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 21335    | 18.549  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 63888    | 18.924  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.927 | 75   | 7777     | 16.391  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 38307    | 17.459  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 14383    | 19.299  | ug/l   | 98       |
| 95) Naphthalene               | 13.756 | 128  | 108339   | 16.216  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 36104    | 17.690  | ug/l   | 99       |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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