

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072925\  
 Data File : VX047177.D  
 Acq On : 29 Jul 2025 16:17  
 Operator : JC/MD  
 Sample : VX0729WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS02

Quant Time: Jul 30 01:15:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 07/30/2025  
 Supervised By : Mahesh Dadoda 07/30/2025

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 285367     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 477812     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 427903     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018         | 152  | 213919     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 174857     | 49.189   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 98.380%  |        |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 152532     | 51.703   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 103.400% |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 462494     | 48.408   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 96.820%  |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 215190     | 52.265   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 104.540% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.185          | 85   | 66595      | 17.569   | ug/l   | 94       |
| 3) Chloromethane             | 1.313          | 50   | 64480      | 17.198   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.392          | 62   | 70961      | 17.606   | ug/l # | 82       |
| 5) Bromomethane              | 1.630          | 94   | 31090      | 14.200   | ug/l   | 93       |
| 6) Chloroethane              | 1.709          | 64   | 42417      | 16.024   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.904          | 101  | 103534     | 17.227   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.148          | 74   | 37253      | 17.580   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.343          | 101  | 62654      | 17.304   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.465          | 142  | 77307      | 20.949   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.953          | 59   | 44088      | 99.921   | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.337          | 96   | 59582      | 16.614   | ug/l   | 95       |
| 13) Acrolein                 | 2.252          | 56   | 57944      | 75.704   | ug/l   | 98       |
| 14) Allyl chloride           | 2.678          | 41   | 102332     | 15.786   | ug/l # | 92       |
| 15) Acrylonitrile            | 3.075          | 53   | 164058     | 96.768   | ug/l   | 99       |
| 16) Acetone                  | 2.386          | 43   | 171527     | 120.450  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.526          | 76   | 173059     | 16.681   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.709          | 43   | 82865      | 21.897   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 203149     | 18.613   | ug/l   | 98       |
| 20) Methylene Chloride       | 2.800          | 84   | 66614      | 17.003   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.105          | 96   | 63591      | 17.328   | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.764          | 45   | 230721     | 18.512   | ug/l   | 88       |
| 23) Vinyl Acetate            | 3.727          | 43   | 937012     | 93.733   | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.617          | 63   | 121801     | 17.574   | ug/l   | 98       |
| 25) 2-Butanone               | 4.562          | 43   | 224902     | 108.463  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.483          | 77   | 99359      | 18.520   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.501          | 96   | 76534      | 17.611   | ug/l   | 100      |
| 28) Bromochloromethane       | 4.904          | 49   | 61879      | 19.407   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 5.025          | 42   | 129389     | 96.712   | ug/l   | 99       |
| 30) Chloroform               | 5.099          | 83   | 125829     | 17.836   | ug/l   | 94       |
| 31) Cyclohexane              | 5.477          | 56   | 114785     | 17.273   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 108160     | 17.651   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 87845      | 17.468   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.721          | 43   | 92309      | 19.921   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 94595      | 17.624   | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.385          | 83   | 112095     | 17.853   | ug/l   | 97       |
| 40) Benzene                  | 6.044          | 78   | 257102     | 17.666   | ug/l   | 99       |

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 Sample : VX0729WBS02  
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS02

Quant Time: Jul 30 01:15:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:59:51 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/30/2025  
 Supervised By : Mahesh Dadoda 07/30/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 46637    | 19.249  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 94387    | 18.411  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 145787   | 20.181  | ug/l   | 100      |
| 44) Trichloroethene           | 7.129  | 130  | 64487    | 17.280  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 66217    | 18.166  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 47220    | 18.473  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 98859    | 18.170  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 73322    | 18.631  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.720  | 88   | 20943    | 467.896 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 446839   | 104.065 | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 163718   | 18.295  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 93295    | 18.159  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 101802   | 18.104  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 62876    | 18.736  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 98055    | 19.737  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 107166   | 18.374  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 261263   | 94.501  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 318481   | 112.265 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 73749    | 18.737  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 64792    | 18.464  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 53991    | 17.503  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 178792   | 17.836  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 61689    | 18.278  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 315211   | 17.984  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 233874   | 35.657  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 113985   | 18.268  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 198375   | 18.540  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 47736    | 18.620  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.957 | 105  | 306810   | 18.179  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 126148   | 18.525  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 93686    | 19.434  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 75649m   | 19.106  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 71738    | 17.722  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 368405   | 18.267  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 215539   | 17.879  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 253187   | 18.159  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 20839    | 13.560  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 258882   | 18.398  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 259221   | 18.523  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 258332   | 18.576  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 327499   | 18.730  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 272572   | 18.798  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 139105   | 18.086  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 140253   | 17.998  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 258251   | 18.992  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 46377    | 17.878  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 132995   | 18.092  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 19952    | 21.561  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 90353    | 18.603  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 33897    | 20.521  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 285257   | 20.034  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 87460    | 18.692  | ug/l   | 99       |

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Sample : VX0729WBS02  
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :  
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Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/30/2025  
Supervised By :Mahesh Dadoda 07/30/2025

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Quant Title : SW846 8260  
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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

## Manual Integrations

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