

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX063022\  
 Data File : VX029905.D  
 Acq On : 30 Jun 2022 12:34  
 Operator : JC/MD  
 Sample : VX0630WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD01

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 07/01/2022  
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 04:47:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 213174     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 380406     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 330945     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 154977     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 129501     | 47.991   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 95.980%  |        |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 119465     | 50.252   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 100.500% |        |          |
| 50) Toluene-d8               | 8.652          | 98   | 438794     | 49.200   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 98.400%  |        |          |
| 62) 4-Bromofluorobenzene     | 11.085         | 95   | 156582     | 49.668   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 99.340%  |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 42535      | 20.461   | ug/l   | 99       |
| 3) Chloromethane             | 1.288          | 50   | 46621      | 19.464   | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.373          | 62   | 49355      | 20.718   | ug/l   | 95       |
| 5) Bromomethane              | 1.611          | 94   | 21108      | 16.082   | ug/l   | 96       |
| 6) Chloroethane              | 1.684          | 64   | 28109      | 18.051   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.885          | 101  | 62565      | 20.460   | ug/l   | 95       |
| 8) Diethyl Ether             | 2.135          | 74   | 27826      | 20.300   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.330          | 101  | 42485      | 19.872   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.452          | 142  | 38438      | 14.504   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.983          | 59   | 72026      | 102.063  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.318          | 96   | 44500      | 20.270   | ug/l   | 99       |
| 13) Acrolein                 | 2.239          | 56   | 35747      | 105.091  | ug/l   | 95       |
| 14) Allyl chloride           | 2.666          | 41   | 80136      | 19.779   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.068          | 53   | 162738     | 98.779   | ug/l   | 99       |
| 16) Acetone                  | 2.391          | 43   | 125376     | 94.971   | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.513          | 76   | 102150     | 18.712   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.708          | 43   | 76746      | 18.857   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 148224     | 19.998   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.794          | 84   | 52702      | 18.903   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 46809      | 19.440   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.769          | 45   | 163729     | 19.997   | ug/l   | 88       |
| 23) Vinyl Acetate            | 3.727          | 43   | 702239     | 99.168   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 85783      | 19.867   | ug/l   | 99       |
| 25) 2-Butanone               | 4.568          | 43   | 218624     | 95.413   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.483          | 77   | 55895      | 19.723   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 57201      | 20.120   | ug/l   | 97       |
| 28) Bromochloromethane       | 4.903          | 49   | 30727      | 17.755   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 147461     | 97.792   | ug/l   | 100      |
| 30) Chloroform               | 5.104          | 83   | 84213      | 19.889   | ug/l   | 99       |
| 31) Cyclohexane              | 5.470          | 56   | 74756      | 19.869   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 64812      | 19.223   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 60715      | 19.202   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.720          | 43   | 81379      | 18.818   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 53024      | 19.353   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.384          | 83   | 74219      | 19.414   | ug/l   | 98       |
| 40) Benzene                  | 6.043          | 78   | 202264     | 19.783   | ug/l   | 100      |

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 ALS Vial : 6 Sample Multiplier: 1

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 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 45131    | 19.632  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 63769    | 20.322  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 124905   | 19.181  | ug/l   | 100      |
| 44) Trichloroethene           | 7.128  | 130  | 52382    | 19.024  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 52785    | 19.543  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 35482    | 20.082  | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.823  | 83   | 62003    | 19.578  | ug/l   | 92       |
| 48) Methyl methacrylate       | 7.695  | 41   | 60243    | 19.512  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.689  | 88   | 29568    | 404.423 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 428966   | 99.898  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 122883   | 19.918  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 64930    | 19.239  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 75639    | 19.833  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 52267    | 19.445  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 83366    | 19.672  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 84802    | 19.610  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 183840   | 90.911  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 329388   | 98.844  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.524  | 129  | 46234    | 19.468  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 54007    | 19.662  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.274  | 164  | 41779    | 20.930  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 132350   | 19.922  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 45394    | 20.451  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 231973   | 20.076  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.305 | 106  | 180590   | 40.750  | ug/l   | 98       |
| 69) o-Xylene                  | 10.646 | 106  | 90000    | 20.050  | ug/l   | 100      |
| 70) Styrene                   | 10.658 | 104  | 148906   | 20.068  | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 30877    | 19.502  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 223183   | 19.902  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 106300   | 19.146  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 86189    | 19.523  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.243 | 75   | 73122m   | 19.710  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 53428    | 19.808  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.304 | 91   | 260497   | 19.696  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 152311   | 19.370  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 182015   | 19.552  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 22261    | 19.056  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 174197   | 19.445  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 176808   | 19.164  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 181347   | 19.446  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 223083   | 19.188  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 180082   | 19.407  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 101800   | 19.658  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 101658   | 19.238  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 158514   | 18.173  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 26684    | 17.628  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 100705   | 19.794  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 17142    | 18.581  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 58418    | 18.948  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 20400    | 17.887  | ug/l   | 97       |
| 95) Naphthalene               | 13.780 | 128  | 249022   | 19.894  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 61014    | 19.331  | 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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