

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX063021\  
 Data File : VX023053.D  
 Acq On : 30 Jun 2021 23:57  
 Operator : JC/MD  
 Sample : VX0630WBS02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBS02

Manual Integrations  
 APPROVED

MMDadoda  
 7/5/2021 1:56:04 PM

Quant Time: Jul 01 03:29:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.562  | 168   | 63341    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 127791   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 116118   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 49483    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 60944    | 53.018   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 106.040% |          |
| 35) Dibromofluoromethane     | 5.391  | 113   | 41562    | 51.216   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 102.440% |          |
| 50) Toluene-d8               | 8.653  | 98    | 156232   | 49.123   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 98.240%  |          |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 58579    | 49.352   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 98.700%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 15962    | 17.861   | ug/l       | 98       |
| 3) Chloromethane             | 1.294  | 50    | 17814    | 18.153   | ug/l       | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 16841    | 18.598   | ug/l       | 98       |
| 5) Bromomethane              | 1.599  | 94    | 8858     | 17.756   | ug/l       | 92       |
| 6) Chloroethane              | 1.685  | 64    | 10562    | 18.873   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 24779    | 18.837   | ug/l       | 91       |
| 8) Diethyl Ether             | 2.142  | 74    | 9613     | 18.933   | ug/l       | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 15537    | 18.864   | ug/l       | 88       |
| 10) Methyl Iodide            | 2.453  | 142   | 14376    | 17.269   | ug/l       | 93       |
| 11) Tert butyl alcohol       | 2.971  | 59    | 27002    | 112.709  | ug/l       | 97       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 15511    | 18.876   | ug/l       | 86       |
| 13) Acrolein                 | 2.246  | 56    | 11289    | 75.764   | ug/l       | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 28668    | 18.363   | ug/l       | # 91     |
| 15) Acrylonitrile            | 3.075  | 53    | 56921    | 103.934  | ug/l       | 99       |
| 16) Acetone                  | 2.392  | 43    | 50445    | 98.988   | ug/l       | 92       |
| 17) Carbon Disulfide         | 2.514  | 76    | 32506    | 17.013   | ug/l       | 99       |
| 18) Methyl Acetate           | 2.709  | 43    | 25834    | 20.599   | ug/l       | 90       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 59691    | 20.256   | ug/l       | 99       |
| 20) Methylene Chloride       | 2.800  | 84    | 19442    | 19.465   | ug/l       | 95       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 16731    | 18.353   | ug/l       | 98       |
| 22) Diisopropyl ether        | 3.770  | 45    | 65696    | 20.231   | ug/l       | # 94     |
| 23) Vinyl Acetate            | 3.733  | 43    | 275220   | 101.029  | ug/l       | 96       |
| 24) 1,1-Dichloroethane       | 3.617  | 63    | 34312    | 19.778   | ug/l       | 97       |
| 25) 2-Butanone               | 4.574  | 43    | 79466    | 100.276  | ug/l       | 91       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 19883    | 15.103   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 19760    | 19.530   | ug/l       | 95       |
| 28) Bromochloromethane       | 4.904  | 49    | 16299    | 19.941   | ug/l       | # 74     |
| 29) Tetrahydrofuran          | 5.019  | 42    | 52285    | 102.573  | ug/l       | 86       |
| 30) Chloroform               | 5.099  | 83    | 34626    | 19.842   | ug/l       | 97       |
| 31) Cyclohexane              | 5.477  | 56    | 29782    | 18.351   | ug/l       | 96       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 27969    | 19.948   | ug/l       | 96       |
| 36) 1,1-Dichloropropene      | 5.702  | 75    | 24732    | 18.221   | ug/l       | 93       |
| 37) Ethyl Acetate            | 4.727  | 43    | 30834    | 19.611   | ug/l       | # 94     |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 21123    | 18.554   | ug/l       | 95       |
| 39) Methylcyclohexane        | 7.385  | 83    | 26978    | 17.039   | ug/l       | 91       |
| 40) Benzene                  | 6.044  | 78    | 72923    | 18.631   | ug/l       | 96       |

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 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBS02

Manual Integrations  
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Quant Time: Jul 01 03:29:29 2021  
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 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 17291    | 19.962  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 28997    | 20.136  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 49677    | 19.652  | ug/l # | 91       |
| 44) Trichloroethene           | 7.135  | 130  | 16255    | 17.513  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 20027    | 19.838  | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 13000    | 19.410  | ug/l # | 80       |
| 47) Bromodichloromethane      | 7.830  | 83   | 23390    | 19.112  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.702  | 41   | 22959    | 19.624  | ug/l   | 84       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 9836     | 390.564 | ug/l # | 91       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 161636   | 102.740 | ug/l   | 90       |
| 52) Toluene                   | 8.726  | 92   | 45183    | 19.097  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 23939    | 17.440  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 28039    | 18.071  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 17560    | 18.498  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 30339    | 18.995  | ug/l # | 73       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 32177    | 18.647  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.251  | 63   | 82751    | 98.237  | ug/l   | 94       |
| 59) 2-Hexanone                | 9.433  | 43   | 123908   | 103.815 | ug/l   | 86       |
| 60) Dibromochloromethane      | 9.525  | 129  | 14160    | 17.767  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 17718    | 18.377  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 14646    | 17.948  | ug/l # | 83       |
| 65) Chlorobenzene             | 10.079 | 112  | 44664    | 18.265  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 14338    | 18.143  | ug/l   | 94       |
| 67) Ethyl Benzene             | 10.195 | 91   | 83969    | 18.647  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 61797    | 36.955  | ug/l   | 93       |
| 69) o-Xylene                  | 10.646 | 106  | 30542    | 18.766  | ug/l   | 93       |
| 70) Styrene                   | 10.659 | 104  | 50485    | 18.688  | ug/l   | 95       |
| 71) Bromoform                 | 10.805 | 173  | 7840     | 17.161  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 82224    | 19.638  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.848 | 43   | 42454    | 19.281  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 29275    | 20.357  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 26099m   | 19.968  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 16657    | 19.131  | ug/l   | 81       |
| 78) n-propylbenzene           | 11.305 | 91   | 97472    | 19.240  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 58413    | 19.097  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 67552    | 19.648  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 6452     | 18.109  | ug/l # | 77       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 66921    | 18.931  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 61252    | 18.865  | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 67498    | 19.506  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 83426    | 19.053  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 65357    | 18.784  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 31888    | 18.983  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 31571    | 17.974  | ug/l   | 94       |
| 89) n-Butylbenzene            | 12.335 | 91   | 59987    | 18.133  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.542 | 117  | 9180     | 16.917  | ug/l   | 69       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 30752    | 18.757  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 5112     | 17.828  | ug/l   | 71       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 16278    | 17.902  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 5937     | 16.663  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 68987    | 18.368  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 16852    | 18.400  | ug/l   | 95       |

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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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