

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101621\  
 Data File : VX024840.D  
 Acq On : 15 Oct 2021 20:52  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/18/2021 5:39:34 PM

Quant Time: Oct 18 01:45:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 14 03:51:38 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.562  | 168   | 157375   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 251466   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 243207   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 126880   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 102472   | 52.977   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 105.960% |          |
| 35) Dibromofluoromethane     | 5.391  | 113   | 80243    | 53.602   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 107.200% |          |
| 50) Toluene-d8               | 8.653  | 98    | 305458   | 55.161   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 110.320% |          |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 118261   | 54.300   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 108.600% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 89949    | 53.658   | ug/l       | 97       |
| 3) Chloromethane             | 1.294  | 50    | 80569    | 55.191   | ug/l       | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 83875    | 55.455   | ug/l       | 99       |
| 5) Bromomethane              | 1.599  | 94    | 44942    | 57.914   | ug/l       | 97       |
| 6) Chloroethane              | 1.678  | 64    | 49306    | 52.979   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 132517   | 51.280   | ug/l       | 97       |
| 8) Diethyl Ether             | 2.136  | 74    | 44698    | 52.679   | ug/l       | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 74971    | 49.335   | ug/l       | 99       |
| 10) Methyl Iodide            | 2.453  | 142   | 104390   | 54.359   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 119085   | 292.083  | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 69911    | 50.916   | ug/l       | 98       |
| 13) Acrolein                 | 2.239  | 56    | 46806    | 276.469  | ug/l       | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 136842   | 55.183   | ug/l       | 98       |
| 15) Acrylonitrile            | 3.075  | 53    | 263395   | 289.740  | ug/l       | 99       |
| 16) Acetone                  | 2.386  | 43    | 236609   | 247.259  | ug/l       | 98       |
| 17) Carbon Disulfide         | 2.514  | 76    | 174581   | 48.670   | ug/l       | 98       |
| 18) Methyl Acetate           | 2.709  | 43    | 182350   | 57.110   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 286591   | 56.517   | ug/l       | 98       |
| 20) Methylene Chloride       | 2.794  | 84    | 87230    | 53.176   | ug/l       | 97       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 80523    | 52.555   | ug/l       | 99       |
| 22) Diisopropyl ether        | 3.770  | 45    | 283107   | 56.558   | ug/l       | 98       |
| 23) Vinyl Acetate            | 3.733  | 43    | 1106703  | 287.886  | ug/l       | 100      |
| 24) 1,1-Dichloroethane       | 3.617  | 63    | 158417   | 55.009   | ug/l       | 99       |
| 25) 2-Butanone               | 4.568  | 43    | 387944   | 281.813  | ug/l       | 99       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 122842   | 49.056   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 98980    | 56.348   | ug/l       | 96       |
| 28) Bromochloromethane       | 4.904  | 49    | 66619    | 55.390   | ug/l       | 99       |
| 29) Tetrahydrofuran          | 5.019  | 42    | 257427   | 294.276  | ug/l       | 99       |
| 30) Chloroform               | 5.099  | 83    | 172191   | 55.627   | ug/l       | 98       |
| 31) Cyclohexane              | 5.477  | 56    | 141621   | 54.960   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 155252   | 56.179   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 117883   | 52.968   | ug/l       | 98       |
| 37) Ethyl Acetate            | 4.727  | 43    | 145309   | 56.674   | ug/l       | 99       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 135672   | 54.411   | ug/l       | 99       |
| 39) Methylcyclohexane        | 7.385  | 83    | 149710   | 54.264   | ug/l       | 98       |
| 40) Benzene                  | 6.044  | 78    | 353779   | 55.310   | ug/l       | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

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 VSTDCCC050EC

Manual Integrations  
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MMDadoda  
 10/18/2021 5:39:34 PM

Quant Time: Oct 18 01:45:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 14 03:51:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 79555    | 56.870   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 140022   | 53.169   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 224274   | 56.553   | ug/l   | 99       |
| 44) Trichloroethene           | 7.135  | 130  | 98500    | 54.937   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 95272    | 57.270   | ug/l   | 100      |
| 46) Dibromomethane            | 7.586  | 93   | 67449    | 56.019   | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.830  | 83   | 128447   | 56.425   | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 114446   | 59.175   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 52507    | 1259.721 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 773535   | 293.867  | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 236811   | 57.217   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 144297   | 57.045   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 151275   | 57.081   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 101786   | 58.203   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 157114   | 54.302   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 163812   | 57.456   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.250  | 63   | 359798   | 294.371  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 601277   | 278.038  | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.525  | 129  | 103022   | 52.968   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 107370   | 57.121   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 95691    | 53.760   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.085 | 112  | 261910   | 55.002   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 97808    | 55.362   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 461987   | 55.668   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 369185   | 115.305  | ug/l   | 97       |
| 69) o-Xylene                  | 10.646 | 106  | 180086   | 57.317   | ug/l   | 96       |
| 70) Styrene                   | 10.659 | 104  | 303716   | 53.941   | ug/l   | 98       |
| 71) Bromoform                 | 10.805 | 173  | 75575    | 50.403   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 470550   | 56.071   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 195513   | 55.614   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 156958   | 55.147   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 148205m  | 55.988   | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 119098   | 55.233   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 541416   | 55.998   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 331608   | 55.693   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 406771   | 57.140   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 50495    | 51.619   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 378138   | 54.647   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 395814   | 57.374   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 408750   | 56.960   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 499672   | 56.579   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 432402   | 58.341   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 219524   | 54.002   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 224753   | 54.097   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 364293   | 55.785   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 67301    | 56.594   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 217804   | 54.203   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 37959    | 58.293   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 137897   | 56.230   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 62883    | 53.110   | ug/l   | 99       |
| 95) Naphthalene               | 13.780 | 128  | 488729   | 54.622   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 143143   | 58.082   | ug/l   | 99       |

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10/18/2021 5:39:34 PM

Quant Time: Oct 18 01:45:11 2021  
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Quant Title : SW846 8260  
QLast Update : Thu Oct 14 03:51:38 2021  
Response via : Initial Calibration

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

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

