

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060821\  
 Data File : VX022556.D  
 Acq On : 08 Jun 2021 12:15  
 Operator : JC/MD  
 Sample : VX0608WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/9/2021 4:20:46 PM

Quant Time: Jun 09 03:58:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 07 14:27:50 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 69984    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 143233   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 127680   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 54929    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 60103    | 48.309   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 96.620%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 42799    | 47.758   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 95.520%  |
| 50) Toluene-d8               | 8.653  | 98    | 170219   | 47.604   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 95.200%  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 62415    | 46.961   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 93.920%  |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.172  | 85    | 17097    | 20.948   | ug/l  | 97       |
| 3) Chloromethane             | 1.294  | 50    | 18521    | 18.789   | ug/l  | 95       |
| 4) Vinyl Chloride            | 1.374  | 62    | 18364    | 19.088   | ug/l  | 99       |
| 5) Bromomethane              | 1.599  | 94    | 10918    | 21.599   | ug/l  | 98       |
| 6) Chloroethane              | 1.684  | 64    | 11561    | 19.084   | ug/l  | 95       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 27571    | 19.677   | ug/l  | 94       |
| 8) Diethyl Ether             | 2.136  | 74    | 11139    | 19.500   | ug/l  | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 17479    | 20.347   | ug/l  | 89       |
| 10) Methyl Iodide            | 2.453  | 142   | 16807    | 16.620   | ug/l  | 94       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 24127    | 86.458   | ug/l  | 95       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 16573    | 18.675   | ug/l  | 88       |
| 13) Acrolein                 | 2.239  | 56    | 10997    | 84.684   | ug/l  | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 30567    | 18.785   | ug/l  | 94       |
| 15) Acrylonitrile            | 3.068  | 53    | 53696    | 92.295   | ug/l  | 99       |
| 16) Acetone                  | 2.386  | 43    | 50099    | 89.615   | ug/l  | 90       |
| 17) Carbon Disulfide         | 2.514  | 76    | 34356    | 17.810   | ug/l  | 100      |
| 18) Methyl Acetate           | 2.709  | 43    | 28630    | 18.570   | ug/l  | # 89     |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 54794    | 18.519   | ug/l  | 99       |
| 20) Methylene Chloride       | 2.794  | 84    | 20117    | 17.235   | ug/l  | # 86     |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 18115    | 18.125   | ug/l  | 96       |
| 22) Diisopropyl ether        | 3.769  | 45    | 59953    | 18.366   | ug/l  | 97       |
| 23) Vinyl Acetate            | 3.727  | 43    | 281554   | 91.656   | ug/l  | 96       |
| 24) 1,1-Dichloroethane       | 3.617  | 63    | 33769    | 18.175   | ug/l  | 96       |
| 25) 2-Butanone               | 4.568  | 43    | 84742    | 91.720   | ug/l  | 95       |
| 26) 2,2-Dichloropropane      | 4.489  | 77    | 26725    | 18.769   | ug/l  | 97       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 21561    | 18.375   | ug/l  | 98       |
| 28) Bromochloromethane       | 4.903  | 49    | 15836    | 16.861   | ug/l  | 83       |
| 29) Tetrahydrofuran          | 5.019  | 42    | 50485    | 93.110   | ug/l  | 88       |
| 30) Chloroform               | 5.099  | 83    | 34859    | 18.680   | ug/l  | 99       |
| 31) Cyclohexane              | 5.470  | 56    | 28514    | 19.375   | ug/l  | 92       |
| 32) 1,1,1-Trichloroethane    | 5.397  | 97    | 27774    | 18.764   | ug/l  | 96       |
| 36) 1,1-Dichloropropene      | 5.702  | 75    | 26347    | 19.014   | ug/l  | 97       |
| 37) Ethyl Acetate            | 4.721  | 43    | 32606    | 18.346   | ug/l  | # 94     |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 22121    | 18.368   | ug/l  | 93       |
| 39) Methylcyclohexane        | 7.385  | 83    | 29132    | 19.930   | ug/l  | 97       |
| 40) Benzene                  | 6.043  | 78    | 79218    | 18.525   | ug/l  | 98       |

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 Sample : VX0608WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBS01

Manual Integrations  
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Quant Time: Jun 09 03:58:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 07 14:27:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 17193    | 17.581  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 29030    | 18.416  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 51221    | 17.767  | ug/l   | 93       |
| 44) Trichloroethene           | 7.129  | 130  | 18579    | 18.414  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 20743    | 18.858  | ug/l   | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 13804    | 18.411  | ug/l # | 83       |
| 47) Bromodichloromethane      | 7.830  | 83   | 23440    | 17.576  | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.696  | 41   | 24616    | 18.349  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 10303    | 379.740 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 166767   | 92.852  | ug/l   | 90       |
| 52) Toluene                   | 8.720  | 92   | 48846    | 18.188  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 27089    | 17.527  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 30338    | 17.807  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 19195    | 18.338  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 31257    | 17.910  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 35593    | 18.816  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 87201    | 86.179  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 126525   | 92.214  | ug/l   | 88       |
| 60) Dibromochloromethane      | 9.525  | 129  | 15047    | 16.938  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 19944    | 18.074  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.281  | 164  | 16417    | 19.206  | ug/l   | 92       |
| 65) Chlorobenzene             | 10.079 | 112  | 50311    | 18.963  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 16240    | 18.262  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 92944    | 19.038  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 69776    | 39.323  | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 33163    | 19.115  | ug/l   | 98       |
| 70) Styrene                   | 10.658 | 104  | 55490    | 18.918  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 8563     | 16.824  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 89274    | 19.941  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.847 | 43   | 43462    | 18.094  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.219 | 83   | 30647    | 19.018  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 27557m   | 19.365  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 18021    | 18.683  | ug/l   | 84       |
| 78) n-propylbenzene           | 11.305 | 91   | 103875   | 19.117  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 62016    | 19.180  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 72941    | 19.069  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 7622     | 17.824  | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 72280    | 19.313  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 67166    | 19.712  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 73543    | 19.117  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 90487    | 19.955  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 73485    | 19.607  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 34950    | 18.659  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 36270    | 18.587  | ug/l   | 95       |
| 89) n-Butylbenzene            | 12.335 | 91   | 69802    | 19.398  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 9932     | 18.356  | ug/l   | 70       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 33809    | 19.018  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 5548     | 17.748  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 19790    | 18.516  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 7292     | 19.037  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 80613    | 18.814  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 19407    | 18.169  | ug/l   | 97       |

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Quant Title : SW846 8260  
QLast Update : Mon Jun 07 14:27:50 2021  
Response via : Initial Calibration

| 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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