

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090721\  
 Data File : VX024118.D  
 Acq On : 07 Sep 2021 14:50  
 Operator : JC/MD  
 Sample : VX0907WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0907WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/8/2021 7:12:43 PM

Quant Time: Sep 08 13:25:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 181016   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 280473   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 261203   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 134058   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 129791   | 51.374   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 102.740% |          |
| 35) Dibromofluoromethane     | 5.391  | 113   | 97213    | 52.367   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 104.740% |          |
| 50) Toluene-d8               | 8.653  | 98    | 346547   | 49.048   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 98.100%  |          |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 141334   | 54.338   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 108.680% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 42370    | 22.185   | ug/l       | 100      |
| 3) Chloromethane             | 1.294  | 50    | 39061    | 18.631   | ug/l       | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 39713    | 19.422   | ug/l       | 98       |
| 5) Bromomethane              | 1.599  | 94    | 30191    | 23.484   | ug/l       | 98       |
| 6) Chloroethane              | 1.685  | 64    | 24937    | 16.718   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 67782    | 20.991   | ug/l       | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 22426    | 19.888   | ug/l       | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 38326    | 21.093   | ug/l       | 96       |
| 10) Methyl Iodide            | 2.453  | 142   | 41970    | 16.589   | ug/l       | 91       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 50535    | 98.910   | ug/l       | 97       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 35726    | 20.565   | ug/l       | 93       |
| 13) Acrolein                 | 2.239  | 56    | 27149    | 89.294   | ug/l       | 96       |
| 14) Allyl chloride           | 2.666  | 41    | 62054    | 19.383   | ug/l       | 90       |
| 15) Acrylonitrile            | 3.069  | 53    | 110339   | 96.926   | ug/l       | 98       |
| 16) Acetone                  | 2.386  | 43    | 112142   | 99.274   | ug/l       | 89       |
| 17) Carbon Disulfide         | 2.514  | 76    | 83002    | 20.033   | ug/l       | 98       |
| 18) Methyl Acetate           | 2.709  | 43    | 66253    | 23.494   | ug/l       | 92       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 128361   | 21.230   | ug/l       | 99       |
| 20) Methylene Chloride       | 2.794  | 84    | 41725    | 19.337   | ug/l       | 90       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 38813    | 20.917   | ug/l       | 94       |
| 22) Diisopropyl ether        | 3.770  | 45    | 126876   | 19.898   | ug/l       | 97       |
| 23) Vinyl Acetate            | 3.727  | 43    | 553885   | 107.380  | ug/l       | 94       |
| 24) 1,1-Dichloroethane       | 3.617  | 63    | 71523    | 20.155   | ug/l       | 100      |
| 25) 2-Butanone               | 4.568  | 43    | 163172   | 95.367   | ug/l       | 93       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 64356    | 22.096   | ug/l       | 98       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 45554    | 20.632   | ug/l       | 96       |
| 28) Bromochloromethane       | 4.910  | 49    | 24319    | 15.072   | ug/l       | 96       |
| 29) Tetrahydrofuran          | 5.019  | 42    | 102259   | 92.270   | ug/l       | 91       |
| 30) Chloroform               | 5.105  | 83    | 77923    | 20.738   | ug/l       | 99       |
| 31) Cyclohexane              | 5.477  | 56    | 65051    | 20.042   | ug/l       | 94       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 70936    | 22.047   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 55848    | 21.502   | ug/l       | 99       |
| 37) Ethyl Acetate            | 4.727  | 43    | 61718    | 19.331   | ug/l       | 94       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 61553    | 22.726   | ug/l       | 99       |
| 39) Methylcyclohexane        | 7.385  | 83    | 70708    | 22.358   | ug/l       | 96       |
| 40) Benzene                  | 6.044  | 78    | 161512   | 21.029   | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090721\  
 Data File : VX024118.D  
 Acq On : 07 Sep 2021 14:50  
 Operator : JC/MD  
 Sample : VX0907WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0907WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/8/2021 7:12:43 PM

Quant Time: Sep 08 13:25:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 33407    | 19.301  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 68458    | 22.679  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 101421   | 20.308  | ug/l   | 93       |
| 44) Trichloroethene           | 7.129  | 130  | 46056    | 21.708  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 42541    | 20.859  | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 29818    | 21.009  | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.824  | 83   | 56176    | 21.879  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 61407    | 25.206  | ug/l   | 86       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 22174    | 430.655 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 328331   | 101.705 | ug/l   | 91       |
| 52) Toluene                   | 8.720  | 92   | 106750   | 21.450  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 64249    | 20.682  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 67590    | 21.725  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 43267    | 21.117  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 52156    | 15.431  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 73154    | 21.526  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 145681   | 88.298  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 259024   | 104.383 | ug/l   | 87       |
| 60) Dibromochloromethane      | 9.525  | 129  | 44351    | 20.626  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 46795    | 21.619  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 46354    | 22.219  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 117666   | 21.588  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 44669    | 23.026  | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.195 | 91   | 211110   | 22.180  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 160164   | 44.178  | ug/l   | 98       |
| 69) o-Xylene                  | 10.646 | 106  | 74913    | 21.027  | ug/l   | 96       |
| 70) Styrene                   | 10.659 | 104  | 113361   | 19.531  | ug/l   | 95       |
| 71) Bromoform                 | 10.805 | 173  | 31147    | 20.927  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 210874   | 20.623  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 88280    | 19.104  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 69970    | 20.880  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 66619m   | 21.303  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 53354    | 21.185  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 236913   | 20.257  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 144124   | 20.389  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 180428   | 21.472  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 20299    | 19.094  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 170026   | 21.191  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 173413   | 21.249  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 183277   | 21.875  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 204634   | 19.805  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 186202   | 21.896  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 94964    | 20.841  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 94456    | 20.785  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 163529   | 21.537  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 29075    | 20.505  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 91526    | 20.734  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 14754    | 20.127  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 56518    | 21.273  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 27842    | 23.512  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 179493   | 19.118  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 54895    | 20.747  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090721\  
Data File : VX024118.D  
Acq On : 07 Sep 2021 14:50  
Operator : JC/MD  
Sample : VX0907WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0907WBS01

Manual Integrations  
APPROVED

MMDadoda  
9/8/2021 7:12:43 PM

Quant Time: Sep 08 13:25:13 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

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

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

