

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060721\  
 Data File : VU044065.D  
 Acq On : 07 Jun 2021 19:05  
 Operator : SY/MD  
 Sample : VU0607WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0607WBSD01

Manual Integrations  
 APPROVED

SAM  
 6/8/2021 6:52:31 PM

Quant Time: Jun 08 05:44:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 05:21:34 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|------------------------------|--------|------|----------|---------|---------|----------|
| -----                        |        |      |          |         |         |          |
| Internal Standards           |        |      |          |         |         |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 230763   | 50.000  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 415046   | 50.000  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 396008   | 50.000  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 207054   | 50.000  | ug/l    | 0.00     |
|                              |        |      |          |         |         |          |
| System Monitoring Compounds  |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 196760   | 48.959  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 97.920% |          |
| 35) Dibromofluoromethane     | 5.298  | 113  | 143460   | 48.436  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 96.880% |          |
| 50) Toluene-d8               | 7.906  | 98   | 566205   | 49.561  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 99.120% |          |
| 62) 4-Bromofluorobenzene     | 10.639 | 95   | 215378   | 47.617  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 95.240% |          |
|                              |        |      |          |         |         |          |
| Target Compounds             |        |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 65885    | 19.229  | ug/l    | 100      |
| 3) Chloromethane             | 1.523  | 50   | 86634    | 18.149  | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.610  | 62   | 80312    | 18.796  | ug/l    | 99       |
| 5) Bromomethane              | 1.838  | 94   | 47091    | 26.584  | ug/l    | 99       |
| 6) Chloroethane              | 1.925  | 64   | 48365    | 18.510  | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 93279    | 18.994  | ug/l    | 98       |
| 8) Diethyl Ether             | 2.382  | 74   | 39689    | 18.780  | ug/l    | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.584  | 101  | 54745    | 18.436  | ug/l    | 100      |
| 10) Methyl Iodide            | 2.729  | 142  | 65034    | 18.788  | ug/l    | 100      |
| 11) Tert butyl alcohol       | 3.195  | 59   | 107833   | 108.227 | ug/l    | 97       |
| 12) 1,1-Dichloroethene       | 2.584  | 96   | 56345    | 19.838  | ug/l    | 99       |
| 13) Acrolein                 | 2.491  | 56   | 62042    | 79.201  | ug/l    | 98       |
| 14) Allyl chloride           | 2.928  | 41   | 111696   | 19.247  | ug/l    | 99       |
| 15) Acrylonitrile            | 3.321  | 53   | 217709   | 98.407  | ug/l    | 99       |
| 16) Acetone                  | 2.633  | 43   | 207884   | 89.623  | ug/l    | 99       |
| 17) Carbon Disulfide         | 2.797  | 76   | 177522   | 18.766  | ug/l    | 99       |
| 18) Methyl Acetate           | 2.954  | 43   | 104515   | 20.433  | ug/l    | 98       |
| 19) Methyl tert-butyl Ether  | 3.372  | 73   | 179331   | 20.629  | ug/l    | 99       |
| 20) Methylene Chloride       | 3.054  | 84   | 73230    | 20.033  | ug/l    | 98       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 61829    | 19.408  | ug/l    | 97       |
| 22) Diisopropyl ether        | 4.002  | 45   | 203642   | 20.634  | ug/l    | 98       |
| 23) Vinyl Acetate            | 3.964  | 43   | 945375   | 101.567 | ug/l    | 99       |
| 24) 1,1-Dichloroethane       | 3.877  | 63   | 125422   | 19.419  | ug/l    | 100      |
| 25) 2-Butanone               | 4.710  | 43   | 326202   | 98.567  | ug/l    | 99       |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 92701    | 20.014  | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene   | 4.674  | 96   | 71744    | 20.365  | ug/l    | 98       |
| 28) Bromochloromethane       | 4.983  | 49   | 65974    | 20.056  | ug/l    | 99       |
| 29) Tetrahydrofuran          | 5.057  | 42   | 188272   | 102.484 | ug/l    | 99       |
| 30) Chloroform               | 5.099  | 83   | 119380   | 19.217  | ug/l    | 98       |
| 31) Cyclohexane              | 5.395  | 56   | 107490   | 19.377  | ug/l    | 98       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 96387    | 19.306  | ug/l    | 99       |
| 36) 1,1-Dichloropropene      | 5.533  | 75   | 89534    | 19.148  | ug/l    | 98       |
| 37) Ethyl Acetate            | 4.809  | 43   | 118539   | 20.124  | ug/l    | 99       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 80496    | 19.053  | ug/l    | 99       |
| 39) Methylcyclohexane        | 6.771  | 83   | 92749    | 19.200  | ug/l    | 99       |
| 40) Benzene                  | 5.780  | 78   | 272127   | 19.308  | ug/l    | 99       |

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 Data File : VU044065.D  
 Acq On : 07 Jun 2021 19:05  
 Operator : SY/MD  
 Sample : VU0607WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0607WBSD01

Manual Integrations  
 APPROVED

SAM  
 6/8/2021 6:52:31 PM

Quant Time: Jun 08 05:44:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 08 05:21:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.980  | 41   | 61552    | 19.876  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.803  | 62   | 97283    | 19.338  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.919  | 43   | 163390   | 19.616  | ug/l   | 98       |
| 44) Trichloroethene           | 6.549  | 130  | 61123    | 19.628  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.800  | 63   | 73433    | 19.091  | ug/l   | 96       |
| 46) Dibromomethane            | 6.925  | 93   | 46181    | 18.879  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.112  | 83   | 92746    | 19.073  | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.967  | 41   | 79637    | 19.389  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.970  | 88   | 41923    | 415.154 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 611282   | 98.819  | ug/l   | 99       |
| 52) Toluene                   | 7.976  | 92   | 163767   | 19.911  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.218  | 75   | 101011   | 19.508  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 111018   | 19.415  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 8.407  | 97   | 67297    | 19.293  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 104783   | 19.141  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 122429   | 19.443  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 146549   | 94.312  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.690  | 43   | 484289   | 100.746 | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.816  | 129  | 65592    | 18.872  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.931  | 107  | 69215    | 19.382  | ug/l   | 100      |
| 64) Tetrachloroethene         | 8.558  | 164  | 53055    | 20.868  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.452  | 112  | 165613   | 19.845  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.539  | 131  | 57513    | 19.519  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.578  | 91   | 305525   | 20.154  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.700  | 106  | 232229   | 41.335  | ug/l   | 100      |
| 69) o-Xylene                  | 10.108 | 106  | 110420   | 20.517  | ug/l   | 99       |
| 70) Styrene                   | 10.121 | 104  | 188907   | 20.514  | ug/l   | 100      |
| 71) Bromoform                 | 10.298 | 173  | 47875    | 18.622  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.491 | 105  | 294835   | 21.160  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.327 | 43   | 132860   | 20.828  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 125092   | 19.753  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.832 | 75   | 120147m  | 20.743  | ug/l   |          |
| 77) Bromobenzene              | 10.787 | 156  | 69819    | 20.794  | ug/l   | 99       |
| 78) n-propylbenzene           | 10.912 | 91   | 374615   | 20.838  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 223901   | 20.773  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 262534   | 21.174  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.552 | 75   | 38259    | 19.287  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 264235   | 20.946  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.427 | 119  | 237907   | 20.662  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 260176   | 20.033  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.648 | 105  | 319372   | 21.260  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.800 | 119  | 269705   | 21.129  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 135314   | 20.221  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 137387   | 19.442  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.214 | 91   | 256196   | 19.854  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.481 | 117  | 41361    | 18.898  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.217 | 146  | 135044   | 20.331  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 27962    | 20.145  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 80053    | 20.576  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 43458    | 19.593  | ug/l   | 99       |
| 95) Naphthalene               | 14.092 | 128  | 264947   | 20.542  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 79632    | 21.247  | ug/l   | 99       |

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Operator : SY/MD  
Sample : VU0607WBSD01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0607WBSD01

Manual Integrations  
APPROVED

SAM  
6/8/2021 6:52:31 PM

Quant Time: Jun 08 05:44:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 08 05:21:34 2021  
Response via : Initial Calibration

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

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

