

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062722\  
 Data File : VU049417.D  
 Acq On : 27 Jun 2022 20:39  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jun 28 05:28:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 05:14:22 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.372  | 168  | 219145   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.247  | 114  | 416722   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.417  | 117  | 393214   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.813 | 152  | 184070   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.700  | 65    | 183396   | 54.340   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 108.680% |      |
| 35) Dibromofluoromethane    | 5.289  | 113   | 144190   | 49.457   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 98.920%  |      |
| 50) Toluene-d8              | 7.896  | 98    | 506720   | 48.729   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 97.460%  |      |
| 62) 4-Bromofluorobenzene    | 10.633 | 95    | 198198   | 49.756   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 99.520%  |      |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     |         | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 1.382 | 85  | 135272  | 38.413  | ug/l | 99   |
| 3) Chloromethane             | 1.520 | 50  | 188324  | 43.632  | ug/l | 98   |
| 4) Vinyl Chloride            | 1.601 | 62  | 157766  | 44.499  | ug/l | 98   |
| 5) Bromomethane              | 1.842 | 94  | 63138   | 57.272  | ug/l | 100  |
| 6) Chloroethane              | 1.919 | 64  | 96581   | 58.705  | ug/l | 99   |
| 7) Trichlorofluoromethane    | 2.128 | 101 | 186088  | 41.184  | ug/l | 99   |
| 8) Diethyl Ether             | 2.372 | 74  | 94876   | 58.129  | ug/l | 88   |
| 9) 1,1,2-Trichlorotrifluo... | 2.575 | 101 | 103540  | 42.590  | ug/l | 95   |
| 10) Methyl Iodide            | 2.716 | 142 | 174547  | 69.595  | ug/l | 93   |
| 11) Tert butyl alcohol       | 3.186 | 59  | 276891  | 350.519 | ug/l | # 45 |
| 12) 1,1-Dichloroethene       | 2.575 | 96  | 116221  | 48.828  | ug/l | 92   |
| 13) Acrolein                 | 2.485 | 56  | 122685  | 229.335 | ug/l | 100  |
| 14) Allyl chloride           | 2.919 | 41  | 254530  | 52.912  | ug/l | # 87 |
| 15) Acrylonitrile            | 3.311 | 53  | 557645  | 293.518 | ug/l | 100  |
| 16) Acetone                  | 2.626 | 43  | 448952  | 263.782 | ug/l | 99   |
| 17) Carbon Disulfide         | 2.787 | 76  | 334189  | 45.021  | ug/l | 99   |
| 18) Methyl Acetate           | 2.948 | 43  | 270601  | 58.733  | ug/l | 92   |
| 19) Methyl tert-butyl Ether  | 3.363 | 73  | 526730  | 59.500  | ug/l | 99   |
| 20) Methylene Chloride       | 3.041 | 84  | 168934  | 59.772  | ug/l | 90   |
| 21) trans-1,2-Dichloroethene | 3.350 | 96  | 134976  | 52.605  | ug/l | 94   |
| 22) Diisopropyl ether        | 3.990 | 45  | 519613  | 56.576  | ug/l | # 75 |
| 23) Vinyl Acetate            | 3.951 | 43  | 2337022 | 290.311 | ug/l | 95   |
| 24) 1,1-Dichloroethane       | 3.868 | 63  | 284342  | 53.897  | ug/l | 99   |
| 25) 2-Butanone               | 4.700 | 43  | 763684  | 299.407 | ug/l | 93   |
| 26) 2,2-Dichloropropane      | 4.662 | 77  | 192886  | 43.929  | ug/l | 98   |
| 27) cis-1,2-Dichloroethene   | 4.665 | 96  | 171090  | 57.712  | ug/l | 93   |
| 28) Bromochloromethane       | 4.970 | 49  | 128334  | 55.652  | ug/l | # 79 |
| 29) Tetrahydrofuran          | 5.051 | 42  | 504496  | 288.320 | ug/l | 89   |
| 30) Chloroform               | 5.086 | 83  | 282802  | 54.191  | ug/l | 99   |
| 31) Cyclohexane              | 5.388 | 56  | 208385  | 41.121  | ug/l | 90   |
| 32) 1,1,1-Trichloroethane    | 5.314 | 97  | 227666  | 50.280  | ug/l | 99   |
| 36) 1,1-Dichloropropene      | 5.527 | 75  | 180333  | 42.658  | ug/l | 97   |
| 37) Ethyl Acetate            | 4.800 | 43  | 287145  | 49.708  | ug/l | # 93 |
| 38) Carbon Tetrachloride     | 5.523 | 117 | 185519  | 41.845  | ug/l | 100  |
| 39) Methylcyclohexane        | 6.761 | 83  | 188621  | 37.224  | ug/l | 91   |
| 40) Benzene                  | 5.774 | 78  | 626608  | 49.095  | ug/l | 99   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062722\  
 Data File : VU049417.D  
 Acq On : 27 Jun 2022 20:39  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 28 05:28:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 28 05:14:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.970  | 41   | 153274   | 52.953   | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 231389   | 48.711   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.909  | 43   | 439114   | 51.878   | ug/l   | 97       |
| 44) Trichloroethene           | 6.543  | 130  | 141474   | 46.628   | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 175217   | 49.545   | ug/l   | 99       |
| 46) Dibromomethane            | 6.916  | 93   | 120954   | 51.298   | ug/l   | 89       |
| 47) Bromodichloromethane      | 7.105  | 83   | 226056   | 49.811   | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.957  | 41   | 210457   | 53.055   | ug/l   | 89       |
| 49) 1,4-Dioxane               | 6.974  | 88   | 110100   | 1083.381 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 1466340  | 258.850  | ug/l   | 96       |
| 52) Toluene                   | 7.967  | 92   | 375755   | 49.533   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.208  | 75   | 252768   | 51.924   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 270382   | 52.019   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 164325   | 52.392   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.334  | 69   | 293022   | 55.858   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 8.575  | 76   | 286007   | 51.405   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.462  | 63   | 185927   | 443.872  | ug/l   | 94       |
| 59) 2-Hexanone                | 8.684  | 43   | 1146789  | 257.431  | ug/l   | 96       |
| 60) Dibromochloromethane      | 8.809  | 129  | 170530   | 52.284   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.922  | 107  | 178591   | 52.250   | ug/l   | 100      |
| 64) Tetrachloroethene         | 8.552  | 164  | 105984   | 42.023   | ug/l   | 92       |
| 65) Chlorobenzene             | 9.446  | 112  | 390229   | 48.543   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 153006   | 50.455   | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.568  | 91   | 709146   | 48.052   | ug/l   | 96       |
| 68) m/p-Xylenes               | 9.694  | 106  | 521097   | 95.430   | ug/l   | 89       |
| 69) o-Xylene                  | 10.099 | 106  | 269470   | 49.709   | ug/l   | 89       |
| 70) Styrene                   | 10.115 | 104  | 450054   | 51.670   | ug/l   | 96       |
| 71) Bromoform                 | 10.292 | 173  | 132999   | 51.136   | ug/l   | 99       |
| 73) Isopropylbenzene          | 10.485 | 105  | 658454   | 50.216   | ug/l   | 95       |
| 74) N-amyl acetate            | 10.321 | 43   | 377643   | 54.416   | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 294639   | 53.046   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.822 | 75   | 332161   | 53.233   | ug/l   | 100      |
| 77) Bromobenzene              | 10.784 | 156  | 164475   | 51.388   | ug/l   | 84       |
| 78) n-propylbenzene           | 10.906 | 91   | 770905   | 48.384   | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 494063   | 50.330   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 568884   | 49.696   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 10.546 | 75   | 90255    | 53.415   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.096 | 91   | 552228   | 50.019   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 552721   | 49.090   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.469 | 105  | 581606   | 51.717   | ug/l   | 94       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 638521   | 45.106   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 536703   | 46.882   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 296525   | 48.459   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 11.835 | 146  | 296533   | 48.215   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.208 | 91   | 470495   | 44.397   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.475 | 117  | 99993    | 43.853   | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 309307   | 50.308   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 78772    | 55.308   | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 200982   | 48.755   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 70331    | 36.876   | ug/l   | 99       |
| 95) Naphthalene               | 14.086 | 128  | 857817   | 59.195   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.327 | 180  | 213155   | 50.244   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062722\  
Data File : VU049417.D  
Acq On : 27 Jun 2022 20:39  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 28 05:28:33 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U062722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 28 05:14:22 2022  
Response via : Initial Calibration

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

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

