Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
Data File : VU048850.D
Acq On : 03 Jun 2022 12:19
Operator : SY/MD
Sample : VU0603WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0603WBS01

Quant Time: Jun 04 04:34:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.372 | 168 | 230035 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.250 | 114 | 373961 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.417 | 117 | 351455 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 185835 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.700 | 65 | 173211 | 50.138 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 100.280% | | | |
| 35) Dibromofluoromethane | 5.288 | 113 | 134042 | 50.242 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 100.480% | | | |
| 50) Toluene-d8 | 7.896 | 98 | 468938 | 49.034 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 98.060% | | | |
| 62) 4-Bromofluorobenzene | 10.632 | 95 | 176636 | 48.837 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 97.680% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.382 | 85 | 47716 | 18.120 | ug/l | 99 |
| 3) Chloromethane | 1.520 | 50 | 66749 | 19.690 | ug/l | 100 |
| 4) Vinyl Chloride | 1.604 | 62 | 63344 | 20.175 | ug/l | 95 |
| 5) Bromomethane | 1.832 | 94 | 31996 | 15.248 | ug/l | 93 |
| 6) Chloroethane | 1.919 | 64 | 37417 | 20.229 | ug/l | 97 |
| 7) Trichlorofluoromethane | 2.131 | 101 | 81108 | 18.087 | ug/l | 97 |
| 8) Diethyl Ether | 2.375 | 74 | 33789 | 20.419 | ug/l | 91 |
| 9) 1,1,2-Trichlorotrifluo... | 2.578 | 101 | 47290 | 19.266 | ug/l | 100 |
| 10) Methyl Iodide | 2.716 | 142 | 67422 | 20.385 | ug/l | 99 |
| 11) Tert butyl alcohol | 3.186 | 59 | 119923 | 136.920 | ug/l # | 40 |
| 12) 1,1-Dichloroethene | 2.575 | 96 | 44670 | 19.079 | ug/l | 98 |
| 13) Acrolein | 2.485 | 56 | 24676 | 82.165 | ug/l | 96 |
| 14) Allyl chloride | 2.919 | 41 | 96065 | 21.184 | ug/l | 97 |
| 15) Acrylonitrile | 3.311 | 53 | 214663 | 113.005 | ug/l | 99 |
| 16) Acetone | 2.623 | 43 | 188992 | 107.345 | ug/l | 99 |
| 17) Carbon Disulfide | 2.787 | 76 | 111293 | 16.283 | ug/l | 99 |
| 18) Methyl Acetate | 2.945 | 43 | 106731 | 24.145 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.362 | 73 | 189299 | 21.309 | ug/l | 96 |
| 20) Methylene Chloride | 3.041 | 84 | 60350 | 20.158 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 3.350 | 96 | 49842 | 18.611 | ug/l | 96 |
| 22) Diisopropyl ether | 3.989 | 45 | 196628 | 23.507 | ug/l | 98 |
| 23) Vinyl Acetate | 3.951 | 43 | 818502 | 112.938 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.867 | 63 | 109915 | 20.922 | ug/l | 99 |
| 25) 2-Butanone | 4.700 | 43 | 295924 | 117.000 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.661 | 77 | 91824 | 19.482 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 4.668 | 96 | 60755 | 19.599 | ug/l | 97 |
| 28) Bromochloromethane | 4.973 | 49 | 42779 | 20.760 | ug/l | 97 |
| 29) Tetrahydrofuran | 5.047 | 42 | 188673 | 118.427 | ug/l | 97 |
| 30) Chloroform | 5.086 | 83 | 111503 | 21.212 | ug/l | 97 |
| 31) Cyclohexane | 5.385 | 56 | 89201 | 20.489 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.317 | 97 | 92851 | 19.470 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.526 | 75 | 70961 | 18.224 | ug/l | 99 |
| 37) Ethyl Acetate | 4.800 | 43 | 107045 | 21.746 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.523 | 117 | 80041 | 17.918 | ug/l | 98 |
| 39) Methylcyclohexane | 6.761 | 83 | 80833 | 19.799 | ug/l | 95 |
| 40) Benzene | 5.774 | 78 | 229609 | 19.974 | ug/l | 99 |

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Sample : VU0603WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0603WBS01

Quant Time: Jun 04 04:34:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.970 | 41 | 57296 | 23.034 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 5.793 | 62 | 89630 | 19.918 | ug/l | | 100 |
| 43) Isopropyl Acetate | 5.912 | 43 | 155718 | 21.795 | ug/l | | 99 |
| 44) Trichloroethene | 6.542 | 130 | 55032 | 18.582 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 6.790 | 63 | 63740 | 22.025 | ug/l | | 98 |
| 46) Dibromomethane | 6.915 | 93 | 43299 | 20.026 | ug/l | | 98 |
| 47) Bromodichloromethane | 7.105 | 83 | 85860 | 19.636 | ug/l | | 95 |
| 48) Methyl methacrylate | 6.960 | 41 | 72787 | 22.694 | ug/l | | 96 |
| 49) 1,4-Dioxane | 6.964 | 88 | 39072 | 544.953 | ug/l | | 94 |
| 51) 4-Methyl-2-Pentanone | 7.790 | 43 | 571036 | 123.092 | ug/l | | 98 |
| 52) Toluene | 7.970 | 92 | 142535 | 20.729 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 8.211 | 75 | 91734 | 19.449 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 7.607 | 75 | 97343 | 19.916 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 8.401 | 97 | 63264 | 20.847 | ug/l | | 98 |
| 56) Ethyl methacrylate | 8.333 | 69 | 96729 | 21.730 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 8.575 | 76 | 106704 | 20.892 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 7.462 | 63 | 108039 | 117.538 | ug/l | | 97 |
| 59) 2-Hexanone | 8.684 | 43 | 454217 | 119.262 | ug/l | | 98 |
| 60) Dibromochloromethane | 8.809 | 129 | 66037 | 19.413 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 8.922 | 107 | 65438 | 19.580 | ug/l | | 97 |
| 64) Tetrachloroethene | 8.552 | 164 | 46578 | 18.384 | ug/l | | 97 |
| 65) Chlorobenzene | 9.446 | 112 | 152055 | 20.456 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 9.533 | 131 | 58178 | 20.619 | ug/l | | 98 |
| 67) Ethyl Benzene | 9.571 | 91 | 257103 | 20.507 | ug/l | | 99 |
| 68) m/p-Xylenes | 9.693 | 106 | 203234 | 41.448 | ug/l | | 99 |
| 69) o-Xylene | 10.102 | 106 | 98445 | 20.436 | ug/l | | 96 |
| 70) Styrene | 10.115 | 104 | 159837 | 20.172 | ug/l | | 99 |
| 71) Bromoform | 10.291 | 173 | 52276 | 20.039 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.484 | 105 | 263025 | 21.923 | ug/l | | 100 |
| 74) N-amyl acetate | 10.320 | 43 | 130405 | 22.877 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 10.783 | 83 | 116626 | 23.821 | ug/l | | 98 |
| 76) 1,2,3-Trichloropropane | 10.825 | 75 | 130581 | 21.793 | ug/l | | 98 |
| 77) Bromobenzene | 10.783 | 156 | 66377 | 20.601 | ug/l | | 98 |
| 78) n-propylbenzene | 10.906 | 91 | 307691 | 21.523 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.986 | 91 | 192284 | 21.629 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.089 | 105 | 233376 | 22.368 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 10.546 | 75 | 31808 | 19.275 | ug/l | | 93 |
| 82) 4-Chlorotoluene | 11.095 | 91 | 220429 | 21.490 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.420 | 119 | 231131 | 23.082 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.468 | 105 | 232177 | 21.345 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.642 | 105 | 283556 | 22.635 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.793 | 119 | 241637 | 22.461 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.745 | 146 | 124750 | 19.748 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 11.835 | 146 | 127202 | 19.490 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.208 | 91 | 194658 | 19.472 | ug/l | | 99 |
| 90) Hexachloroethane | 12.475 | 117 | 43781 | 19.941 | ug/l | | 95 |
| 91) 1,2-Dichlorobenzene | 12.214 | 146 | 132176 | 20.711 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75 | 28209 | 20.011 | ug/l | | 98 |
| 93) 1,2,4-Trichlorobenzene | 13.841 | 180 | 72039 | 17.202 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 14.021 | 225 | 41383 | 20.616 | ug/l | | 99 |
| 95) Naphthalene | 14.089 | 128 | 210968 | 16.225 | ug/l | | 100 |
| 96) 1,2,3-Trichlorobenzene | 14.330 | 180 | 74745 | 18.020 | ug/l | | 100 |

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ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0603WBS01

Quant Time: Jun 04 04:34:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

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

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

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Sample : VU0603WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

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MSVOA_U
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