Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026921.D
Acq On : 10 Feb 2022 15:32
Operator : JC/MD
Sample : VX0210WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 03:58:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0210WBS02

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 02/11/2022
Supervised By :Mahesh Dadoda 02/11/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 97560 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 158098 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 136438 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 60785 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 62399 | 53.282 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 106.560% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 49315 | 52.356 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.720% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 182668 | 52.832 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 105.660% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 63497 | 52.163 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 104.320% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.172 | 85 | 21270 | 20.051 | ug/l | 100 |
| 3) Chloromethane | 1.294 | 50 | 19616 | 19.877 | ug/l | 99 |
| 4) Vinyl Chloride | 1.380 | 62 | 20726 | 20.063 | ug/l | 98 |
| 5) Bromomethane | 1.617 | 94 | 8829 | 20.141 | ug/l | 98 |
| 6) Chloroethane | 1.690 | 64 | 11951 | 19.311 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.892 | 101 | 30354 | 19.966 | ug/l | 97 |
| 8) Diethyl Ether | 2.135 | 74 | 11162 | 19.821 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 20182 | 20.253 | ug/l | 99 |
| 10) Methyl Iodide | 2.459 | 142 | 20425 | 16.366 | ug/l | 96 |
| 11) Tert butyl alcohol | 2.977 | 59 | 17444 | 82.452 | ug/l | 95 |
| 12) 1,1-Dichloroethene | 2.324 | 96 | 19095 | 19.125 | ug/l | 98 |
| 13) Acrolein | 2.239 | 56 | 18088 | 92.515 | ug/l | 99 |
| 14) Allyl chloride | 2.666 | 41 | 34073 | 19.266 | ug/l | 98 |
| 15) Acrylonitrile | 3.068 | 53 | 58878 | 97.116 | ug/l | 99 |
| 16) Acetone | 2.385 | 43 | 49338 | 95.921 | ug/l | 96 |
| 17) Carbon Disulfide | 2.513 | 76 | 50764 | 17.960 | ug/l | 100 |
| 18) Methyl Acetate | 2.709 | 43 | 27172 | 18.360 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.117 | 73 | 66126 | 18.711 | ug/l | 97 |
| 20) Methylene Chloride | 2.794 | 84 | 20946 | 18.794 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 3.099 | 96 | 20729 | 19.730 | ug/l | 99 |
| 22) Diisopropyl ether | 3.763 | 45 | 70660 | 19.845 | ug/l | 98 |
| 23) Vinyl Acetate | 3.727 | 43 | 296177 | 98.933 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.611 | 63 | 37786 | 19.611 | ug/l | 99 |
| 25) 2-Butanone | 4.562 | 43 | 79974 | 96.503 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.483 | 77 | 25872 | 19.874 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 4.495 | 96 | 23628 | 19.587 | ug/l | 97 |
| 28) Bromochloromethane | 4.903 | 49 | 17191 | 21.524 | ug/l | 98 |
| 29) Tetrahydrofuran | 5.013 | 42 | 54054 | 95.944 | ug/l | 100 |
| 30) Chloroform | 5.098 | 83 | 39236 | 19.600 | ug/l | 98 |
| 31) Cyclohexane | 5.476 | 56 | 36367 | 19.544 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 5.385 | 97 | 33915 | 19.216 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.702 | 75 | 28978 | 19.501 | ug/l | 98 |
| 37) Ethyl Acetate | 4.714 | 43 | 31937 | 18.912 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.684 | 117 | 29973 | 19.235 | ug/l | 97 |
| 39) Methylcyclohexane | 7.385 | 83 | 36480 | 20.019 | ug/l | 99 |
| 40) Benzene | 6.043 | 78 | 85300 | 19.697 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026921.D
Acq On : 10 Feb 2022 15:32
Operator : JC/MD
Sample : VX0210WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 03:58:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0210WBS02

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 02/11/2022
Supervised By :Mahesh Dadoda 02/11/2022

| Compound | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 4.928 | 41 | 17948 | 19.610 ug/l | | 97 |
| 42) 1,2-Dichloroethane | 6.092 | 62 | 32381 | 21.219 ug/l | | 99 |
| 43) Isopropyl Acetate | 6.342 | 43 | 49457 | 19.035 ug/l | | 99 |
| 44) Trichloroethene | 7.128 | 130 | 24743 | 19.028 ug/l | | 96 |
| 45) 1,2-Dichloropropane | 7.433 | 63 | 21734 | 19.835 ug/l | | 99 |
| 46) Dibromomethane | 7.586 | 93 | 15092 | 19.906 ug/l | | 100 |
| 47) Bromodichloromethane | 7.823 | 83 | 29232 | 20.133 ug/l | | 99 |
| 48) Methyl methacrylate | 7.695 | 41 | 24764 | 19.236 ug/l | | 99 |
| 49) 1,4-Dioxane | 7.683 | 88 | 8301 | 374.176 ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 8.573 | 43 | 156758 | 99.559 ug/l | | 99 |
| 52) Toluene | 8.720 | 92 | 53467 | 19.500 ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 8.982 | 75 | 27205 | 18.191 ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 8.366 | 75 | 31316 | 19.533 ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 9.153 | 97 | 20879 | 20.114 ug/l | | 97 |
| 56) Ethyl methacrylate | 9.116 | 69 | 31580 | 19.193 ug/l | | 98 |
| 57) 1,3-Dichloropropane | 9.311 | 76 | 36530 | 20.494 ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 8.244 | 63 | 80417 | 95.220 ug/l | | 100 |
| 59) 2-Hexanone | 9.433 | 43 | 114565 | 99.478 ug/l | | 98 |
| 60) Dibromochloromethane | 9.524 | 129 | 21562 | 20.188 ug/l | | 99 |
| 61) 1,2-Dibromoethane | 9.610 | 107 | 21865 | 19.937 ug/l | | 99 |
| 64) Tetrachloroethene | 9.274 | 164 | 25484 | 18.597 ug/l | | 95 |
| 65) Chlorobenzene | 10.079 | 112 | 55278 | 19.591 ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131 | 20013 | 19.281 ug/l | | 100 |
| 67) Ethyl Benzene | 10.195 | 91 | 99831 | 19.990 ug/l | | 99 |
| 68) m/p-Xylenes | 10.305 | 106 | 75999 | 39.553 ug/l | | 98 |
| 69) o-Xylene | 10.640 | 106 | 36411 | 19.339 ug/l | | 98 |
| 70) Styrene | 10.658 | 104 | 59996 | 19.648 ug/l | | 99 |
| 71) Bromoform | 10.799 | 173 | 13363 | 17.864 ug/l | # | 98 |
| 73) Isopropylbenzene | 10.963 | 105 | 96966 | 20.252 ug/l | | 100 |
| 74) N-amyl acetate | 10.841 | 43 | 36788 | 19.230 ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83 | 26084 | 20.075 ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 11.244 | 75 | 26147m | 19.650 ug/l | | |
| 77) Bromobenzene | 11.201 | 156 | 22157 | 19.468 ug/l | | 98 |
| 78) n-propylbenzene | 11.305 | 91 | 108849 | 20.507 ug/l | | 99 |
| 79) 2-Chlorotoluene | 11.366 | 91 | 65301 | 19.911 ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 79640 | 20.210 ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75 | 6689 | 18.044 ug/l | | 96 |
| 82) 4-Chlorotoluene | 11.457 | 91 | 74813 | 20.334 ug/l | | 98 |
| 83) tert-Butylbenzene | 11.719 | 119 | 74440 | 19.820 ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.756 | 105 | 79837 | 20.086 ug/l | | 100 |
| 85) sec-Butylbenzene | 11.890 | 105 | 96578 | 20.286 ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.012 | 119 | 81582 | 20.228 ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.969 | 146 | 41252 | 19.781 ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 12.042 | 146 | 41302 | 19.638 ug/l | | 99 |
| 89) n-Butylbenzene | 12.335 | 91 | 67869 | 20.567 ug/l | | 100 |
| 90) Hexachloroethane | 12.542 | 117 | 11654 | 19.993 ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 39576 | 19.668 ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75 | 5890 | 18.434 ug/l | | 97 |
| 93) 1,2,4-Trichlorobenzene | 13.591 | 180 | 23759 | 18.709 ug/l | | 98 |
| 94) Hexachlorobutadiene | 13.725 | 225 | 10265 | 19.110 ug/l | | 99 |
| 95) Naphthalene | 13.780 | 128 | 83693 | 18.815 ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.963 | 180 | 24189 | 18.811 ug/l | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026921.D
Acq On : 10 Feb 2022 15:32
Operator : JC/MD
Sample : VX0210WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 03:58:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0210WBS02

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 02/11/2022
Supervised By :Mahesh Dadoda 02/11/2022

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
Data File : VX026921.D
Acq On : 10 Feb 2022 15:32
Operator : JC/MD
Sample : VX0210WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 11 03:58:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
VX0210WBS02

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 02/11/2022
Supervised By :Mahesh Dadoda 02/11/2022