Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
Data File : VN065995.D
Acq On : 24 Feb 2021 11:34
Operator : JC/MD
Sample : VN0224WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0224WBS01

**Manual Integrations APPROVED**
MMDadoda
2/25/2021 12:15:53 PM

Quant Time: Feb 25 02:10:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.627 | 168 | 110897 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.550 | 114 | 186193 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.376 | 117 | 170050 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.315 | 152 | 76029 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.987 | 65 | 74017 | 47.73 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 95.46% | | | |
| 35) Dibromofluoromethane | 7.550 | 113 | 55990 | 48.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 97.18% | | | |
| 50) Toluene-d8 | 10.058 | 98 | 220242 | 46.56 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 93.12% | | | |
| 62) 4-Bromofluorobenzene | 12.373 | 95 | 83061 | 46.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 93.56% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.853 | 85 | 23009 | 15.85 | ug/l | 98 |
| 3) Chloromethane | 2.055 | 50 | 27556 | 15.15 | ug/l | 97 |
| 4) Vinyl Chloride | 2.184 | 62 | 27218 | 15.19 | ug/l | 96 |
| 5) Bromomethane | 2.553 | 94 | 18038 | 16.43 | ug/l | 97 |
| 6) Chloroethane | 2.692 | 64 | 15088 | 14.92 | ug/l | 96 |
| 7) Trichlorofluoromethane | 3.007 | 101 | 39565 | 17.73 | ug/l | 98 |
| 8) Diethyl Ether | 3.393 | 74 | 14125 | 17.25 | ug/l | 93 |
| 9) 1,1,2-Trichlorotrifluo... | 3.733 | 101 | 19814 | 16.79 | ug/l | 99 |
| 10) Methyl Iodide | 3.923 | 142 | 26226 | 14.23 | ug/l | 96 |
| 11) Tert butyl alcohol | 4.746 | 59 | 21429 | 99.38 | ug/l | 96 |
| 12) 1,1-Dichloroethene | 3.711 | 96 | 21010 | 16.87 | ug/l | 96 |
| 13) Acrolein | 3.582 | 56 | 18579 | 94.15 | ug/l | 99 |
| 14) Allyl chloride | 4.290 | 41 | 35385 | 16.64 | ug/l | 98 |
| 15) Acrylonitrile | 4.942 | 53 | 48264 | 80.72 | ug/l | 100 |
| 16) Acetone | 3.785 | 43 | 41535 | 84.20 | ug/l | 94 |
| 17) Carbon Disulfide | 4.026 | 76 | 58298 | 16.43 | ug/l | 100 |
| 18) Methyl Acetate | 4.290 | 43 | 21828 | 17.03 | ug/l | 96 |
| 19) Methyl tert-butyl Ether | 5.003 | 73 | 72366 | 18.06 | ug/l | 98 |
| 20) Methylene Chloride | 4.515 | 84 | 23637 | 16.44 | ug/l | 92 |
| 21) trans-1,2-Dichloroethene | 4.997 | 96 | 23910 | 18.27 | ug/l | 96 |
| 22) Diisopropyl ether | 5.913 | 45 | 70129 | 16.49 | ug/l | 94 |
| 23) Vinyl Acetate | 5.849 | 43 | 282573 | 84.70 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 5.807 | 63 | 40900 | 16.64 | ug/l | 98 |
| 25) 2-Butanone | 6.788 | 43 | 62027 | 80.80 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 6.778 | 77 | 39648 | 20.57 | ug/l | 96 |
| 27) cis-1,2-Dichloroethene | 6.782 | 96 | 26651 | 17.87 | ug/l | 95 |
| 28) Bromochloromethane | 7.155 | 49 | 17687 | 15.62 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.171 | 42 | 41062 | 77.70 | ug/l | 96 |
| 30) Chloroform | 7.331 | 83 | 43865 | 18.07 | ug/l | 98 |
| 31) Cyclohexane | 7.618 | 56 | 37291 | 16.13 | ug/l # | 92 |
| 32) 1,1,1-Trichloroethane | 7.531 | 97 | 39561 | 19.43 | ug/l | 100 |
| 36) 1,1-Dichloropropene | 7.753 | 75 | 32735 | 17.83 | ug/l | 97 |
| 37) Ethyl Acetate | 6.881 | 43 | 26995 | 16.28 | ug/l # | 93 |
| 38) Carbon Tetrachloride | 7.737 | 117 | 33606 | 19.70 | ug/l | 98 |
| 39) Methylcyclohexane | 9.048 | 83 | 35809 | 17.36 | ug/l | 97 |
| 40) Benzene | 8.003 | 78 | 95849 | 17.02 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
Data File : VN065995.D
Acq On : 24 Feb 2021 11:34
Operator : JC/MD
Sample : VN0224WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0224WBS01

**Manual Integrations APPROVED**
MMDadoda
2/25/2021 12:15:53 PM

Quant Time: Feb 25 02:10:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.122 | 41 | 13272m | 16.54 | ug/l | | |
| 42) 1,2-Dichloroethane | 8.087 | 62 | 35868 | 19.38 | ug/l | | 98 |
| 43) Isopropyl Acetate | 8.126 | 43 | 47776 | 18.08 | ug/l | | 93 |
| 44) Trichloroethene | 8.801 | 130 | 26154 | 18.77 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 9.084 | 63 | 25219 | 17.48 | ug/l | | 97 |
| 46) Dibromomethane | 9.171 | 93 | 15829 | 18.01 | ug/l | | 96 |
| 47) Bromodichloromethane | 9.367 | 83 | 34394 | 19.23 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.164 | 41 | 22975 | 17.16 | ug/l | | 97 |
| 49) 1,4-Dioxane | 9.164 | 88 | 8350 | 366.06 | ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 9.949 | 43 | 133499 | 83.04 | ug/l | | 99 |
| 52) Toluene | 10.122 | 92 | 60732 | 17.56 | ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.351 | 75 | 41134 | 19.83 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 9.807 | 75 | 43075 | 19.42 | ug/l | | 96 |
| 55) 1,1,2-Trichloroethane | 10.531 | 97 | 23416 | 18.09 | ug/l | | 98 |
| 56) Ethyl methacrylate | 10.396 | 69 | 33370 | 17.14 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 10.675 | 76 | 39969 | 17.51 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.659 | 63 | 71258 | 76.67 | ug/l | | 98 |
| 59) 2-Hexanone | 10.720 | 43 | 89922 | 78.52 | ug/l | | 98 |
| 60) Dibromochloromethane | 10.871 | 129 | 25427 | 19.22 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 10.978 | 107 | 23686 | 18.01 | ug/l | | 98 |
| 64) Tetrachloroethene | 10.598 | 164 | 26086 | 19.87 | ug/l | | 94 |
| 65) Chlorobenzene | 11.402 | 112 | 64541 | 18.15 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.479 | 131 | 24309 | 19.90 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.482 | 91 | 115996 | 18.02 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.592 | 106 | 89510 | 37.27 | ug/l | | 96 |
| 69) o-Xylene | 11.920 | 106 | 44132 | 19.06 | ug/l | | 98 |
| 70) Styrene | 11.936 | 104 | 69803 | 18.31 | ug/l | | 95 |
| 71) Bromoform | 12.100 | 173 | 15911 | 18.73 | ug/l | # | 100 |
| 73) Isopropylbenzene | 12.219 | 105 | 113967 | 18.37 | ug/l | | 98 |
| 74) N-amyl acetate | 12.045 | 43 | 32797 | 15.24 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.476 | 83 | 31796 | 17.37 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.524 | 75 | 31857m | 17.44 | ug/l | | |
| 77) Bromobenzene | 12.498 | 156 | 26339 | 18.55 | ug/l | | 88 |
| 78) n-propylbenzene | 12.563 | 91 | 124084 | 17.58 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.646 | 91 | 78061 | 17.65 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.704 | 105 | 98620 | 18.71 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-b... | 12.273 | 75 | 10357 | 18.07 | ug/l | | 96 |
| 82) 4-Chlorotoluene | 12.743 | 91 | 81950 | 18.35 | ug/l | | 96 |
| 83) tert-Butylbenzene | 12.965 | 119 | 80703 | 18.53 | ug/l | | 95 |
| 84) 1,2,4-Trimethylbenzene | 13.013 | 105 | 97711 | 18.46 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.145 | 105 | 102235 | 18.08 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 13.260 | 119 | 95293 | 18.56 | ug/l | | 98 |
| 87) 1,3-Dichlorobenzene | 13.254 | 146 | 46454 | 18.49 | ug/l | | 97 |
| 88) 1,4-Dichlorobenzene | 13.334 | 146 | 46172 | 17.99 | ug/l | | 93 |
| 89) n-Butylbenzene | 13.585 | 91 | 77598 | 17.93 | ug/l | | 98 |
| 90) Hexachloroethane | 13.846 | 117 | 12522 | 14.41 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 13.624 | 146 | 46741 | 18.55 | ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75 | 6675 | 19.03 | ug/l | | 89 |
| 93) 1,2,4-Trichlorobenzene | 14.878 | 180 | 25543 | 20.32 | ug/l | | 98 |
| 94) Hexachlorobutadiene | 14.977 | 225 | 11336 | 19.38 | ug/l | | 99 |
| 95) Naphthalene | 15.100 | 128 | 80645 | 20.23 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.280 | 180 | 26250 | 20.66 | ug/l | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
Data File : VN065995.D
Acq On : 24 Feb 2021 11:34
Operator : JC/MD
Sample : VN0224WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0224WBS01

**Manual Integrations APPROVED**
MMDadoda
2/25/2021 12:15:53 PM

Quant Time: Feb 25 02:10:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
Data File : VN065995.D
Acq On : 24 Feb 2021 11:34
Operator : JC/MD
Sample : VN0224WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 25 02:10:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0224WBS01

**Manual Integrations APPROVED**
MMDadoda
2/25/2021 12:15:53 PM