Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065632.D
Acq On : 27 Jan 2021 16:12
Operator : JC/MD
Sample : VN0127MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0127MBS01

**Manual Integrations APPROVED**
MMDadoda
1/28/2021 2:14:09 PM

Quant Time: Jan 28 02:15:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.624 | 168 | 168052 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.550 | 114 | 307891 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.376 | 117 | 269310 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.312 | 152 | 111770 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.987 | 65 | 105289 | 47.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 95.24% | | | |
| 35) Dibromofluoromethane | 7.550 | 113 | 87453 | 47.93 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 95.86% | | | |
| 50) Toluene-d8 | 10.058 | 98 | 338730 | 47.23 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 94.46% | | | |
| 62) 4-Bromofluorobenzene | 12.373 | 95 | 124390 | 48.16 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 96.32% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.837 | 85 | 36120 | 19.19 | ug/l | 98 |
| 3) Chloromethane | 2.036 | 50 | 51821 | 18.73 | ug/l | 96 |
| 4) Vinyl Chloride | 2.168 | 62 | 52847 | 18.87 | ug/l | 97 |
| 5) Bromomethane | 2.547 | 94 | 31973 | 19.72 | ug/l | 100 |
| 6) Chloroethane | 2.682 | 64 | 31423 | 19.39 | ug/l | 99 |
| 7) Trichlorofluoromethane | 2.997 | 101 | 56806 | 19.40 | ug/l | 97 |
| 8) Diethyl Ether | 3.380 | 74 | 27495 | 19.69 | ug/l | 95 |
| 9) 1,1,2-Trichlorotrifluo... | 3.721 | 101 | 34836 | 19.60 | ug/l | 92 |
| 10) Methyl Iodide | 3.910 | 142 | 49057 | 18.83 | ug/l | 98 |
| 11) Tert butyl alcohol | 4.762 | 59 | 38753 | 93.58 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.701 | 96 | 36465 | 17.82 | ug/l | 93 |
| 13) Acrolein | 3.573 | 56 | 30761 | 97.82 | ug/l | 99 |
| 14) Allyl chloride | 4.277 | 41 | 73180 | 19.30 | ug/l | 92 |
| 15) Acrylonitrile | 4.939 | 53 | 103923 | 96.33 | ug/l | 98 |
| 16) Acetone | 3.782 | 43 | 82945 | 96.37 | ug/l | 100 |
| 17) Carbon Disulfide | 4.010 | 76 | 107344 | 16.67 | ug/l | 99 |
| 18) Methyl Acetate | 4.283 | 43 | 44695 | 18.53 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 4.997 | 73 | 129256 | 18.93 | ug/l | 95 |
| 20) Methylene Chloride | 4.502 | 84 | 43842 | 18.40 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 4.987 | 96 | 39485 | 18.16 | ug/l | 90 |
| 22) Diisopropyl ether | 5.907 | 45 | 148079 | 19.10 | ug/l | 97 |
| 23) Vinyl Acetate | 5.849 | 43 | 594879 | 96.06 | ug/l | 97 |
| 24) 1,1-Dichloroethane | 5.801 | 63 | 80074 | 19.38 | ug/l | 97 |
| 25) 2-Butanone | 6.795 | 43 | 129400 | 95.88 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 6.775 | 77 | 63905 | 19.32 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 6.782 | 96 | 47327 | 19.00 | ug/l | 92 |
| 28) Bromochloromethane | 7.151 | 49 | 30149 | 17.36 | ug/l | 82 |
| 29) Tetrahydrofuran | 7.174 | 42 | 89949 | 91.89 | ug/l | 95 |
| 30) Chloroform | 7.328 | 83 | 72601 | 19.08 | ug/l | 99 |
| 31) Cyclohexane | 7.611 | 56 | 76293 | 18.35 | ug/l | 93 |
| 32) 1,1,1-Trichloroethane | 7.528 | 97 | 58514 | 18.88 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 7.753 | 75 | 57204 | 18.46 | ug/l | 96 |
| 37) Ethyl Acetate | 6.891 | 43 | 57359 | 19.30 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.733 | 117 | 48058 | 18.84 | ug/l | 100 |
| 39) Methylcyclohexane | 9.045 | 83 | 67647 | 17.90 | ug/l | 95 |
| 40) Benzene | 8.000 | 78 | 177549 | 18.76 | ug/l | 100 |

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Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0127MBS01

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.126 | 41 | 27517 | 17.24 | ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.084 | 62 | 56354 | 19.76 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.129 | 43 | 96045 | 18.22 | ug/l | | 99 |
| 44) Trichloroethene | 8.801 | 130 | 42289 | 18.42 | ug/l | | 94 |
| 45) 1,2-Dichloropropane | 9.084 | 63 | 49434 | 18.99 | ug/l | | 99 |
| 46) Dibromomethane | 9.174 | 93 | 27347 | 19.02 | ug/l | | 91 |
| 47) Bromodichloromethane | 9.370 | 83 | 57330 | 18.58 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.164 | 41 | 45518 | 18.21 | ug/l | | 92 |
| 49) 1,4-Dioxane | 9.171 | 88 | 14305 | 353.56 | ug/l | # | 89 |
| 51) 4-Methyl-2-Pentanone | 9.952 | 43 | 277488 | 95.50 | ug/l | | 100 |
| 52) Toluene | 10.122 | 92 | 109464 | 19.53 | ug/l | | 96 |
| 53) t-1,3-Dichloropropene | 10.351 | 75 | 66995 | 18.65 | ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 9.807 | 75 | 74279 | 18.56 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 10.531 | 97 | 40474 | 18.93 | ug/l | | 95 |
| 56) Ethyl methacrylate | 10.399 | 69 | 66347 | 18.77 | ug/l | | 93 |
| 57) 1,3-Dichloropropane | 10.675 | 76 | 73154 | 19.44 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.663 | 63 | 146867 | 89.95 | ug/l | | 94 |
| 59) 2-Hexanone | 10.720 | 43 | 195421 | 96.87 | ug/l | | 99 |
| 60) Dibromochloromethane | 10.872 | 129 | 39424 | 18.04 | ug/l | | 96 |
| 61) 1,2-Dibromoethane | 10.974 | 107 | 40910 | 19.20 | ug/l | | 99 |
| 64) Tetrachloroethene | 10.601 | 164 | 40806 | 18.08 | ug/l | | 96 |
| 65) Chlorobenzene | 11.402 | 112 | 106568 | 18.91 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.476 | 131 | 38017 | 19.09 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.479 | 91 | 198615 | 18.77 | ug/l | | 96 |
| 68) m/p-Xylenes | 11.592 | 106 | 146083 | 38.13 | ug/l | | 96 |
| 69) o-Xylene | 11.916 | 106 | 70804 | 19.07 | ug/l | | 94 |
| 70) Styrene | 11.936 | 104 | 116292 | 19.03 | ug/l | | 98 |
| 71) Bromoform | 12.097 | 173 | 25466 | 18.50 | ug/l | # | 98 |
| 73) Isopropylbenzene | 12.219 | 105 | 183535 | 18.75 | ug/l | | 99 |
| 74) N-amyl acetate | 12.042 | 43 | 78686 | 19.01 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.476 | 83 | 54695 | 18.92 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.524 | 75 | 51425m | 17.60 | ug/l | | |
| 77) Bromobenzene | 12.495 | 156 | 40981 | 19.34 | ug/l | | 79 |
| 78) n-propylbenzene | 12.563 | 91 | 213277 | 18.49 | ug/l | | 96 |
| 79) 2-Chlorotoluene | 12.643 | 91 | 127817 | 18.66 | ug/l | | 96 |
| 80) 1,3,5-Trimethylbenzene | 12.704 | 105 | 156381 | 18.77 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-b... | 12.270 | 75 | 20234 | 17.73 | ug/l | | 94 |
| 82) 4-Chlorotoluene | 12.743 | 91 | 129340 | 18.50 | ug/l | | 94 |
| 83) tert-Butylbenzene | 12.965 | 119 | 128307 | 18.47 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.010 | 105 | 155515 | 18.71 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.142 | 105 | 169925 | 18.12 | ug/l | | 97 |
| 86) p-Isopropyltoluene | 13.260 | 119 | 151728 | 18.32 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.254 | 146 | 69866 | 18.50 | ug/l | | 97 |
| 88) 1,4-Dichlorobenzene | 13.334 | 146 | 68013 | 17.74 | ug/l | | 95 |
| 89) n-Butylbenzene | 13.585 | 91 | 131986 | 17.74 | ug/l | | 99 |
| 90) Hexachloroethane | 13.842 | 117 | 25223 | 17.40 | ug/l | | 93 |
| 91) 1,2-Dichlorobenzene | 13.624 | 146 | 70250 | 18.75 | ug/l | | 97 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75 | 10321 | 18.00 | ug/l | | 89 |
| 93) 1,2,4-Trichlorobenzene | 14.878 | 180 | 33874 | 17.28 | ug/l | | 99 |
| 94) Hexachlorobutadiene | 14.977 | 225 | 15702 | 17.09 | ug/l | | 99 |
| 95) Naphthalene | 15.100 | 128 | 112629 | 17.93 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.280 | 180 | 34571 | 17.42 | ug/l | | 100 |

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1/28/2021 2:14:09 PM

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

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

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