Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039431.D
Acq On : 11 Feb 2019 12:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: Feb 12 00:12:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 61776 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.99 | 136 | 287224 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.80 | 164 | 198746 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.54 | 188 | 480211 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.83 | 240 | 462726 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 25.21 | 264 | 481197 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 290580 | 80.51 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 445993 | 83.94 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.35 | 82 | 425191 | 92.48 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 192527 | 89.96 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.42 | 172 | 1039079 | 75.00 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.14 | 244 | 1597333 | 73.07 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.60 | 88 | 59665 | 37.790 | ng | | 95 |
| 3) Pyridine | 4.01 | 79 | 181631 | 43.450 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.93 | 42 | 77034 | 36.848 | ng | | 90 |
| 6) Aniline | 7.50 | 93 | 273936 | 41.163 | ng | | 99 |
| 8) 2-Chlorophenol | 7.73 | 128 | 165707 | 41.999 | ng | | 98 |
| 9) Benzaldehyde | 7.31 | 77 | 112018 | 43.175 | ng | | 95 |
| 10) Phenol | 7.34 | 94 | 230248 | 41.573 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.59 | 93 | 177376 | 40.530 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 8.06 | 146 | 191903 | 40.150 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.21 | 146 | 194676 | 40.864 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.53 | 146 | 188885 | 40.956 | ng | | 99 |
| 15) Benzyl Alcohol | 8.41 | 79 | 177308 | 42.508 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69 | 45 | 352482 | 35.666 | ng | | 99 |
| 17) 2-Methylphenol | 8.60 | 107 | 150616 | 42.024 | ng | | 97 |
| 18) Hexachloroethane | 9.26 | 117 | 67735 | 41.327 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 154289 | 40.915 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 213688 | 43.297 | ng | | 98 |
| 22) Acetophenone | 9.00 | 105 | 301452 | 39.072 | ng | # | 94 |
| 24) Nitrobenzene | 9.39 | 77 | 216980 | 43.684 | ng | | 95 |
| 25) Isophorone | 9.91 | 82 | 397938 | 39.058 | ng | | 98 |
| 26) 2-Nitrophenol | 10.10 | 139 | 101860 | 51.252 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.14 | 122 | 165183 | 40.079 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93 | 247568 | 39.450 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.63 | 162 | 191200 | 42.447 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.85 | 180 | 205734 | 40.682 | ng | | 99 |
| 31) Naphthalene | 11.05 | 128 | 548062 | 38.463 | ng | | 99 |
| 32) Benzoic acid | 10.27 | 122 | 117345 | 44.329 | ng | | 92 |
| 33) 4-Chloroaniline | 11.15 | 127 | 267185 | 40.441 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.31 | 225 | 138804 | 41.272 | ng | | 96 |
| 35) Caprolactam | 11.95 | 113 | 83873 | 44.997 | ng | # | 90 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 217422 | 41.736 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 409779 | 38.828 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.85 | 142 | 399085 | 39.229 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 251461 | 39.766 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.96 | 237 | 149914 | 43.507 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 13.23 | 196 | 169163 | 43.509 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.30 | 196 | 176045 | 43.201 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.63 | 154 | 618561 | 37.407 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.68 | 162 | 483393 | 38.859 | ng | | 99 |
| 48) 2-Nitroaniline | 13.89 | 65 | 165243 | 46.545 | ng | | 96 |
| 49) Acenaphthylene | 14.53 | 152 | 716254 | 38.158 | ng | | 99 |
| 50) Dimethylphthalate | 14.24 | 163 | 634126 | 39.506 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.37 | 165 | 139371 | 46.668 | ng | | 97 |
| 52) Acenaphthene | 14.86 | 154 | 458227 | 37.608 | ng | | 99 |
| 53) 3-Nitroaniline | 14.71 | 138 | 148713 | 46.190 | ng | # | 93 |
| 54) 2,4-Dinitrophenol | 14.91 | 184 | 84004 | 68.252 | ng | | 91 |
| 55) Dibenzofuran | 15.20 | 168 | 757752 | 38.788 | ng | | 99 |
| 56) 4-Nitrophenol | 14.99 | 139 | 122690 | 45.006 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 15.15 | 165 | 197600 | 50.864 | ng | | 89 |
| 58) Fluorene | 15.84 | 166 | 556561 | 38.217 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.41 | 232 | 172851 | 45.303 | ng | | 97 |
| 60) Diethylphthalate | 15.60 | 149 | 634881 | 38.255 | ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 15.83 | 204 | 333676 | 40.465 | ng | | 96 |
| 62) 4-Nitroaniline | 15.87 | 138 | 153585 | 45.836 | ng | | 91 |
| 63) Azobenzene | 16.12 | 77 | 585486 | 36.094 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 108417 | 54.395 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 16.04 | 169 | 554910 | 38.003 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.72 | 248 | 219443 | 41.191 | ng | | 96 |
| 68) Hexachlorobenzene | 16.83 | 284 | 222352 | 41.600 | ng | | 95 |
| 69) Atrazine | 16.98 | 200 | 197645 | 37.040 | ng | | 96 |
| 70) Pentachlorophenol | 17.17 | 266 | 159876 | 43.037 | ng | | 98 |
| 71) Phenanthrene | 17.59 | 178 | 931770 | 37.489 | ng | | 98 |
| 72) Anthracene | 17.67 | 178 | 925871 | 37.819 | ng | | 97 |
| 73) Carbazole | 17.94 | 167 | 906049 | 37.084 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.48 | 149 | 1059327 | 37.165 | ng | | 99 |
| 75) Fluoranthene | 19.58 | 202 | 1082390 | 37.520 | ng | | 99 |
| 77) Benzidine | 19.77 | 184 | 585401 | 38.587 | ng | | 99 |
| 78) Pyrene | 19.95 | 202 | 1111954 | 38.602 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.82 | 149 | 483444 | 39.785 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.81 | 228 | 1045387 | 38.233 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.72 | 252 | 408626 | 40.305 | ng | | 98 |
| 83) Chrysene | 21.88 | 228 | 1006635 | 38.675 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.69 | 149 | 677575 | 39.086 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.95 | 149 | 1117106 | 39.005 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 29.11 | 276 | 1164069 | 41.684 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 24.13 | 252 | 1018067 | 38.795 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.21 | 252 | 1008724 | 38.286 | ng | | 99 |
| 90) Benzo(a)pyrene | 25.05 | 252 | 996262 | 39.419 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 29.18 | 278 | 953289 | 40.277 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.33 | 276 | 964785 | 40.896 | ng | | 99 |

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

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