Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110117\
Data File : BG030626.D
Acq On : 1 Nov 2017 9:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 01 17:41:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 74826 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.97 | 136 | 358921 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.77 | 164 | 234150 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.51 | 188 | 551637 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.79 | 240 | 606110 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.10 | 264 | 626086 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 346843 | 77.44 | ng | | 0.00 |
| 7) Phenol-d6 | 7.32 | 99 | 483543 | 76.91 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 436052 | 77.20 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.26 | 330 | 253921 | 83.99 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.40 | 172 | 1191490 | 74.63 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.10 | 244 | 1874022 | 70.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 73180 | 40.268 | ng | # | 81 |
| 3) Pyridine | 3.99 | 79 | 212803 | 40.210 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.90 | 42 | 90273 | 36.491 | ng | # | 81 |
| 6) Aniline | 7.48 | 93 | 303430 | 38.975 | ng | | 93 |
| 8) 2-Chlorophenol | 7.72 | 128 | 188358 | 36.688 | ng | | 89 |
| 9) Benzaldehyde | 7.29 | 77 | 139710 | 44.180 | ng | | 89 |
| 10) Phenol | 7.34 | 94 | 243607 | 35.940 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 7.57 | 93 | 195560 | 39.600 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 8.05 | 146 | 215154 | 37.327 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.19 | 146 | 222671 | 37.837 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.52 | 146 | 216804 | 38.195 | ng | | 99 |
| 15) Benzyl Alcohol | 8.39 | 79 | 178171 | 40.214 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68 | 45 | 216598 | 25.826 | ng | | 94 |
| 17) 2-Methylphenol | 8.60 | 107 | 166162 | 36.903 | ng | | 96 |
| 18) Hexachloroethane | 9.25 | 117 | 75968 | 37.880 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.96 | 70 | 172432 | 40.336 | ng | # | 94 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 241534 | 38.071 | ng | | 94 |
| 22) Acetophenone | 8.98 | 105 | 328852 | 38.018 | ng | # | 94 |
| 24) Nitrobenzene | 9.37 | 77 | 221973 | 34.954 | ng | # | 88 |
| 25) Isophorone | 9.89 | 82 | 414884 | 35.186 | ng | # | 94 |
| 26) 2-Nitrophenol | 10.08 | 139 | 108369 | 35.704 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 10.13 | 122 | 177492 | 32.321 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93 | 276998 | 38.311 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.62 | 162 | 211846 | 36.176 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.84 | 180 | 245313 | 38.775 | ng | | 97 |
| 31) Naphthalene | 11.03 | 128 | 659564 | 36.872 | ng | | 98 |
| 32) Benzoic acid | 10.27 | 122 | 139739 | 30.391 | ng | | 84 |
| 33) 4-Chloroaniline | 11.13 | 127 | 292974 | 38.936 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.31 | 225 | 154772 | 39.347 | ng | | 98 |
| 35) Caprolactam | 11.90 | 113 | 77770 | 39.960 | ng | # | 81 |
| 36) 4-Chloro-3-methylphenol | 12.24 | 107 | 224900 | 34.919 | ng | # | 86 |
| 37) 2-Methylnaphthalene | 12.62 | 142 | 504305 | 38.682 | ng | | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 332184 | 38.857 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 12.96 | 237 | 128287 | 41.966 | ng | | 88 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.22 | 196 | 189688 | 35.346 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.29 | 196 | 204134 | 37.039 | ng | | 93 |
| 45) 1,1'-Biphenyl | 13.61 | 154 | 735557 | 36.547 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.66 | 162 | 531683 | 36.218 | ng | | 99 |
| 47) 2-Nitroaniline | 13.86 | 65 | 147927 | 36.686 | ng | # | 83 |
| 48) Acenaphthylene | 14.50 | 152 | 863711 | 37.593 | ng | | 99 |
| 49) Dimethylphthalate | 14.22 | 163 | 695696 | 38.081 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 14.35 | 165 | 147011 | 38.387 | ng | # | 79 |
| 51) Acenaphthene | 14.84 | 154 | 540787 | 36.177 | ng | | 98 |
| 52) 3-Nitroaniline | 14.67 | 138 | 159386 | 38.568 | ng | # | 82 |
| 53) 2,4-Dinitrophenol | 14.89 | 184 | 50085 | 28.412 | ng | # | 47 |
| 54) Dibenzofuran | 15.17 | 168 | 841882 | 39.451 | ng | | 99 |
| 55) 4-Nitrophenol | 14.98 | 139 | 121126 | 35.552 | ng | # | 79 |
| 56) 2,4-Dinitrotoluene | 15.13 | 165 | 204203 | 39.388 | ng | # | 76 |
| 57) Fluorene | 15.82 | 166 | 671147 | 38.071 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.40 | 232 | 188043 | 40.895 | ng | # | 93 |
| 59) Diethylphthalate | 15.57 | 149 | 705386 | 38.743 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.80 | 204 | 382668 | 40.713 | ng | | 95 |
| 61) 4-Nitroaniline | 15.84 | 138 | 168408 | 39.686 | ng | | 81 |
| 62) Azobenzene | 16.10 | 77 | 587423 | 38.261 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 15.90 | 198 | 109723 | 36.334 | ng | | 83 |
| 65) n-Nitrosodiphenylamine | 16.02 | 169 | 642712 | 38.894 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.70 | 248 | 247214 | 39.055 | ng | | 99 |
| 67) Hexachlorobenzene | 16.82 | 284 | 264141 | 36.839 | ng | | 94 |
| 68) Atrazine | 16.96 | 200 | 236836 | 40.167 | ng | | 99 |
| 69) Pentachlorophenol | 17.17 | 266 | 156857 | 38.083 | ng | | 98 |
| 70) Phenanthrene | 17.56 | 178 | 1067396 | 37.455 | ng | | 98 |
| 71) Anthracene | 17.65 | 178 | 1082107 | 37.816 | ng | | 99 |
| 72) Carbazole | 17.92 | 167 | 997755 | 36.297 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.46 | 149 | 1178134 | 37.265 | ng | | 99 |
| 74) Fluoranthene | 19.56 | 202 | 1299986 | 39.001 | ng | | 96 |
| 76) Benzidine | 19.73 | 184 | 720368 | 39.363 | ng | | 98 |
| 77) Pyrene | 19.91 | 202 | 1336496 | 36.350 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.78 | 149 | 562873 | 35.933 | ng | | 86 |
| 80) Benzo(a)anthracene | 21.77 | 228 | 1362940 | 38.300 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.68 | 252 | 565190 | 38.479 | ng | | 98 |
| 82) Chrysene | 21.84 | 228 | 1283530 | 37.662 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 802853 | 35.713 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.89 | 149 | 1368167 | 34.920 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 28.89 | 276 | 1663408 | 39.674 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 24.05 | 252 | 1416190 | 39.510 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 24.12 | 252 | 1376036 | 38.534 | ng | | 98 |
| 89) Benzo(a)pyrene | 24.94 | 252 | 1326407 | 38.493 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 28.95 | 278 | 1406989 | 40.331 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 30.09 | 276 | 1353201 | 41.748 | ng | | 97 |

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

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