Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022578.D
Acq On : 25 Jun 2016 17:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jun 27 01:10:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 133649 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.99 | 136 | 572203 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.80 | 164 | 409075 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.56 | 188 | 1033603 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.86 | 240 | 1137831 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 25.22 | 264 | 1201086 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 639025 | 76.69 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 949192 | 80.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 1052921 | 77.88 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 535454 | 83.22 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 2026158 | 78.55 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.16 | 244 | 2974197 | 69.25 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.59 | 88 | 133998 | 39.68 | ng | | 92 |
| 3) Pyridine | 3.99 | 79 | 425373 | 45.03 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.90 | 42 | 191516 | 35.44 | ng | | 90 |
| 6) Aniline | 7.48 | 93 | 683498 | 43.89 | ng | | 95 |
| 8) 2-Chlorophenol | 7.73 | 128 | 336149 | 38.95 | ng | | 96 |
| 9) Benzaldehyde | 7.30 | 77 | 182284 | 44.10 | ng | | 92 |
| 10) Phenol | 7.34 | 94 | 502014 | 40.44 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.58 | 93 | 390249 | 38.19 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 8.05 | 146 | 397744 | 37.87 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.20 | 146 | 406717 | 38.63 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.52 | 146 | 380470 | 38.00 | ng | | 97 |
| 15) Benzyl Alcohol | 8.40 | 79 | 471849 | 43.42 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70 | 45 | 433309 | 38.34 | ng | | 97 |
| 17) 2-Methylphenol | 8.60 | 107 | 331579 | 40.52 | ng | | 98 |
| 18) Hexachloroethane | 9.26 | 117 | 164477 | 37.74 | ng | | 88 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 393449 | 40.22 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 463461 | 41.12 | ng | | 96 |
| 22) Acetophenone | 8.99 | 105 | 646771 | 39.10 | ng | # | 94 |
| 24) Nitrobenzene | 9.38 | 77 | 572019 | 38.28 | ng | | 94 |
| 25) Isophorone | 9.91 | 82 | 1026490 | 39.11 | ng | | 100 |
| 26) 2-Nitrophenol | 10.09 | 139 | 219098 | 40.71 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 10.14 | 122 | 372131 | 36.19 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93 | 548779 | 38.30 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.63 | 162 | 413161 | 41.24 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.85 | 180 | 448747 | 37.72 | ng | | 96 |
| 31) Naphthalene | 11.04 | 128 | 1097796 | 38.17 | ng | | 99 |
| 32) Benzoic acid | 10.26 | 122 | 287418 | 43.32 | ng | | 91 |
| 33) 4-Chloroaniline | 11.15 | 127 | 525374 | 42.41 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.32 | 225 | 355561 | 38.45 | ng | | 95 |
| 35) Caprolactam | 11.93 | 113 | 137799 | 43.66 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 510596 | 41.52 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.64 | 142 | 881751 | 39.53 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 575577 | 37.27 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.98 | 237 | 450261 | 36.52 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.23 | 196 | 399319 | 40.32 | ng | | 94 |
| 43) 2,4,5-Trichlorophenol | 13.30 | 196 | 430217 | 41.52 | ng | | 99 |
| 45) 1,1'-Biphenyl | 13.64 | 154 | 1178661 | 37.82 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.68 | 162 | 977718 | 38.13 | ng | | 97 |
| 47) 2-Nitroaniline | 13.88 | 65 | 405736 | 40.99 | ng | | 93 |
| 48) Acenaphthylene | 14.52 | 152 | 1423541 | 38.28 | ng | | 99 |
| 49) Dimethylphthalate | 14.25 | 163 | 1300642 | 38.33 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 14.37 | 165 | 296783 | 40.25 | ng | | 90 |
| 51) Acenaphthene | 14.86 | 154 | 1087516 | 39.69 | ng | | 97 |
| 52) 3-Nitroaniline | 14.70 | 138 | 289675 | 41.98 | ng | | 91 |
| 53) 2,4-Dinitrophenol | 14.90 | 184 | 196983 | 43.37 | ng | | 98 |
| 54) Dibenzofuran | 15.20 | 168 | 1524165 | 38.41 | ng | | 99 |
| 55) 4-Nitrophenol | 14.99 | 139 | 250089 | 42.86 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 15.15 | 165 | 424863 | 41.59 | ng | # | 97 |
| 57) Fluorene | 15.85 | 166 | 1255839 | 39.66 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.42 | 232 | 451889 | 42.06 | ng | | 97 |
| 59) Diethylphthalate | 15.61 | 149 | 1348143 | 38.64 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204 | 737436 | 39.12 | ng | | 96 |
| 61) 4-Nitroaniline | 15.86 | 138 | 298506 | 41.93 | ng | | 89 |
| 62) Azobenzene | 16.13 | 77 | 1447020 | 38.30 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198 | 283716 | 40.93 | ng | | 99 |
| 65) n-Nitrosodiphenylamine | 16.05 | 169 | 1164382 | 38.71 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.74 | 248 | 508391 | 37.91 | ng | | 97 |
| 67) Hexachlorobenzene | 16.86 | 284 | 545196 | 38.45 | ng | | 97 |
| 68) Atrazine | 17.00 | 200 | 511681 | 40.29 | ng | | 99 |
| 69) Pentachlorophenol | 17.20 | 266 | 399889 | 40.98 | ng | | 95 |
| 70) Phenanthrene | 17.60 | 178 | 2014981 | 38.23 | ng | | 97 |
| 71) Anthracene | 17.69 | 178 | 2062609 | 38.02 | ng | | 98 |
| 72) Carbazole | 17.96 | 167 | 1808793 | 39.33 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.51 | 149 | 2112367 | 39.45 | ng | | 99 |
| 74) Fluoranthene | 19.61 | 202 | 2406664 | 39.63 | ng | | 97 |
| 76) Benzidine | 19.78 | 184 | 690427 | 56.99 | ng | | 98 |
| 77) Pyrene | 19.96 | 202 | 2376746 | 39.22 | ng | | 96 |
| 79) Butylbenzylphthalate | 20.85 | 149 | 1056799 | 40.28 | ng | | 94 |
| 80) Benzo(a)anthracene | 21.83 | 228 | 2540438 | 40.35 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.74 | 252 | 1012171 | 38.92 | ng | | 97 |
| 82) Chrysene | 21.90 | 228 | 2357206 | 39.84 | ng | | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 21.73 | 149 | 1409678 | 38.16 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.99 | 149 | 2329248 | 38.25 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 29.07 | 276 | 3057406 | 39.32 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.15 | 252 | 2742042 | 37.97 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 24.21 | 252 | 2615796 | 38.31 | ng | # | 97 |
| 89) Benzo(a)pyrene | 25.06 | 252 | 2667867 | 37.89 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 29.15 | 278 | 2545231 | 38.40 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 30.28 | 276 | 2560060 | 37.94 | ng | # | 96 |

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

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