Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
Data File : BG018763.D
Acq On : 18 Sep 2015 11:28
Operator : TP
Sample : PB85606BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB85606BSD

Quant Time: Sep 18 23:55:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 23:51:57 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.00 | 152 | 41258 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.80 | 136 | 167970 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.63 | 164 | 116391 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.37 | 188 | 337421 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.63 | 240 | 354851 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.82 | 264 | 360151 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 294300 | 123.22 | ng | | 0.00 |
| 7) Phenol-d6 | 7.16 | 99 | 412110 | 120.34 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 225856 | 75.24 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 218825 | 139.63 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.25 | 172 | 632232 | 75.41 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.98 | 244 | 1097375 | 81.21 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.47 | 88 | 29830 | 29.88 | ng | # | 100 |
| 3) Pyridine | 3.86 | 79 | 90979 | 29.40 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.78 | 42 | 32106 | 29.79 | ng | # | 67 |
| 6) Aniline | 7.32 | 93 | 79137 | 16.77 | ng | | 96 |
| 8) 2-Chlorophenol | 7.57 | 128 | 108916 | 39.49 | ng | | 94 |
| 9) Benzaldehyde | 7.14 | 77 | 36135 | 19.60 | ng | | 99 |
| 10) Phenol | 7.19 | 94 | 146089 | 40.38 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.42 | 93 | 101187 | 36.09 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.89 | 146 | 113253 | 35.30 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.03 | 146 | 116087 | 36.08 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.35 | 146 | 113407 | 36.91 | ng | | 98 |
| 15) Benzyl Alcohol | 8.23 | 79 | 92527 | 37.49 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53 | 45 | 110045 | 34.57 | ng | | 97 |
| 17) 2-Methylphenol | 8.45 | 107 | 97416 | 38.75 | ng | | 96 |
| 18) Hexachloroethane | 9.09 | 117 | 39371 | 34.22 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.80 | 70 | 76656 | 31.78 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.77 | 107 | 141166 | 40.00 | ng | | 96 |
| 22) Acetophenone | 8.82 | 105 | 159469 | 37.48 | ng | # | 97 |
| 24) Nitrobenzene | 9.20 | 77 | 115255 | 36.16 | ng | | 99 |
| 25) Isophorone | 9.72 | 82 | 222770 | 34.51 | ng | | 100 |
| 26) 2-Nitrophenol | 9.91 | 139 | 60220 | 40.50 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.97 | 122 | 112945 | 41.82 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93 | 144182 | 38.90 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.45 | 162 | 121929 | 44.68 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.67 | 180 | 116097 | 38.39 | ng | | 95 |
| 31) Naphthalene | 10.85 | 128 | 341482 | 37.96 | ng | | 98 |
| 32) Benzoic acid | 10.10 | 122 | 79618 | 37.58 | ng | | 96 |
| 33) 4-Chloroaniline | 10.96 | 127 | 62956 | 15.47 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.14 | 225 | 70514 | 39.55 | ng | | 93 |
| 35) Caprolactam | 11.72 | 113 | 47929 | 40.85 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 12.08 | 107 | 133274 | 43.78 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.46 | 142 | 257968 | 39.18 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216 | 136206 | 36.90 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.81 | 237 | 140020 | 75.53 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.06 | 196 | 107253 | 41.95 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.14 | 196 | 123268 | 43.95 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.46 | 154 | 350422 | 37.86 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.50 | 162 | 273888 | 38.41 | ng | | 98 |
| 47) 2-Nitroaniline | 13.70 | 65 | 83651 | 38.98 | ng | | 89 |
| 48) Acenaphthylene | 14.35 | 152 | 487085 | 38.64 | ng | | 98 |
| 49) Dimethylphthalate | 14.08 | 163 | 374954 | 38.90 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.20 | 165 | 88716 | 42.36 | ng | | 96 |
| 51) Acenaphthene | 14.69 | 154 | 280301 | 38.22 | ng | | 98 |
| 52) 3-Nitroaniline | 14.53 | 138 | 60718 | 24.27 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 14.74 | 184 | 56598 | 55.95 | ng | | 96 |
| 54) Dibenzofuran | 15.03 | 168 | 474456 | 41.63 | ng | | 99 |
| 55) 4-Nitrophenol | 14.84 | 139 | 161806 | 83.76 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 14.99 | 165 | 131693 | 44.34 | ng | # | 92 |
| 57) Fluorene | 15.67 | 166 | 403594 | 41.13 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.26 | 232 | 115636 | 43.97 | ng | # | 97 |
| 59) Diethylphthalate | 15.44 | 149 | 398469 | 39.64 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204 | 193023 | 40.94 | ng | | 95 |
| 61) 4-Nitroaniline | 15.69 | 138 | 105612 | 39.15 | ng | | 96 |
| 62) Azobenzene | 15.95 | 77 | 358183 | 40.32 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198 | 56574 | 33.01 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 15.88 | 169 | 359696 | 36.81 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.56 | 248 | 134728 | 39.26 | ng | | 96 |
| 67) Hexachlorobenzene | 16.68 | 284 | 151302 | 40.58 | ng | | 95 |
| 68) Atrazine | 16.82 | 200 | 149876 | 38.57 | ng | | 99 |
| 69) Pentachlorophenol | 17.02 | 266 | 167535 | 72.86 | ng | | 91 |
| 70) Phenanthrene | 17.42 | 178 | 701917 | 39.55 | ng | | 99 |
| 71) Anthracene | 17.51 | 178 | 713864 | 39.72 | ng | | 98 |
| 72) Carbazole | 17.77 | 167 | 668341 | 38.42 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.33 | 149 | 793008 | 38.65 | ng | | 99 |
| 74) Fluoranthene | 19.42 | 202 | 839752 | 38.20 | ng | | 98 |
| 76) Benzidine | 19.60 | 184 | 273844 | 25.70 | ng | | 98 |
| 77) Pyrene | 19.78 | 202 | 857575 | 39.32 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.67 | 149 | 347855 | 39.24 | ng | | 96 |
| 80) Benzo(a)anthracene | 21.61 | 228 | 813979 | 39.84 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.52 | 252 | 199300 | 25.68 | ng | | 96 |
| 82) Chrysene | 21.68 | 228 | 732114 | 38.06 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.52 | 149 | 507058 | 39.65 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.71 | 149 | 866606 | 40.06 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 28.45 | 276 | 902832 | 36.96 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 23.81 | 252 | 843256 | 40.38 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 23.87 | 252 | 814835 | 38.94 | ng | | 98 |
| 89) Benzo(a)pyrene | 24.67 | 252 | 817546 | 41.14 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 28.51 | 278 | 729309 | 37.27 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 29.58 | 276 | 735795 | 36.93 | ng | | 97 |

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

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