Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016667.D
Acq On : 23 Apr 2015 23:46
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 24 02:27:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 52897 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.38 | 136 | 236012 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.25 | 164 | 133252 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.00 | 188 | 270986 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.18 | 240 | 255497 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.38 | 264 | 236335 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 277629 | 85.17 | ng | | 0.00 |
| 7) Phenol-d6 | 6.80 | 99 | 387409 | 84.72 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.76 | 82 | 324831 | 86.97 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.75 | 330 | 82863 | 83.82 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.87 | 172 | 707723 | 85.33 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.63 | 244 | 910822 | 82.12 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.05 | 88 | 62141 | 44.01 | ng | | 100 |
| 3) Pyridine | 3.45 | 79 | 175207 | 43.70 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.38 | 42 | 49172 | 41.57 | ng | | 89 |
| 6) Aniline | 6.93 | 93 | 264901 | 42.24 | ng | | 98 |
| 8) 2-Chlorophenol | 7.17 | 128 | 168403 | 41.80 | ng | | 98 |
| 9) Benzaldehyde | 6.74 | 77 | 69376 | 37.13 | ng | | 95 |
| 10) Phenol | 6.82 | 94 | 202386 | 41.99 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.03 | 93 | 154902 | 41.17 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.48 | 146 | 171846 | 41.24 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.63 | 146 | 178631 | 41.94 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.95 | 146 | 168070 | 41.33 | ng | | 98 |
| 15) Benzyl Alcohol | 7.85 | 79 | 122885 | 42.82 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.14 | 45 | 144067 | 40.91 | ng | | 99 |
| 17) 2-Methylphenol | 8.06 | 107 | 137828 | 42.77 | ng | | 98 |
| 18) Hexachloroethane | 8.67 | 117 | 64005 | 42.62 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.41 | 70 | 120233 | 42.18 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.39 | 107 | 191731 | 42.31 | ng | | 98 |
| 22) Acetophenone | 8.42 | 105 | 223819 | 43.21 | ng | # | 99 |
| 24) Nitrobenzene | 8.80 | 77 | 169990 | 43.34 | ng | | 97 |
| 25) Isophorone | 9.32 | 82 | 332149 | 42.91 | ng | | 100 |
| 26) 2-Nitrophenol | 9.51 | 139 | 100517 | 44.16 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.58 | 122 | 162917 | 42.86 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.81 | 93 | 198603 | 42.52 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.05 | 162 | 139054 | 43.04 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.25 | 180 | 143948 | 42.04 | ng | | 97 |
| 31) Naphthalene | 10.43 | 128 | 521928 | 41.94 | ng | | 99 |
| 32) Benzoic acid | 9.74 | 122 | 63610 | 34.03 | ng | | 97 |
| 33) 4-Chloroaniline | 10.55 | 127 | 241235 | 42.08 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.72 | 225 | 64789 | 42.36 | ng | | 98 |
| 35) Caprolactam | 11.32 | 113 | 74108 | 42.55 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 11.70 | 107 | 160852 | 42.82 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.06 | 142 | 373141 | 41.52 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 134209 | 42.28 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.40 | 237 | 45110 | 40.61 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.68 | 196 | 99173 | 42.75 | ng | 99 |
| 43) 2,4,5-Trichlorophenol | 12.76 | 196 | 105021 | 42.78 | ng | 98 |
| 45) 1,1'-Biphenyl | 13.08 | 154 | 443030 | 42.33 | ng | 99 |
| 46) 2-Chloronaphthalene | 13.12 | 162 | 340348 | 42.31 | ng | 98 |
| 47) 2-Nitroaniline | 13.34 | 65 | 96518 | 43.99 | ng | 98 |
| 48) Acenaphthylene | 13.97 | 152 | 599583 | 42.56 | ng | 99 |
| 49) Dimethylphthalate | 13.72 | 163 | 417277 | 41.86 | ng | 100 |
| 50) 2,6-Dinitrotoluene | 13.84 | 165 | 102575 | 41.93 | ng | 95 |
| 51) Acenaphthene | 14.31 | 154 | 352185 | 41.65 | ng | 99 |
| 52) 3-Nitroaniline | 14.17 | 138 | 125457 | 42.44 | ng | 99 |
| 53) 2,4-Dinitrophenol | 14.39 | 184 | 43451 | 37.17 | ng | 97 |
| 54) Dibenzofuran | 14.65 | 168 | 491524 | 41.21 | ng | 99 |
| 55) 4-Nitrophenol | 14.51 | 139 | 93791 | 42.34 | ng | 95 |
| 56) 2,4-Dinitrotoluene | 14.63 | 165 | 144711 | 43.19 | ng | 99 |
| 57) Fluorene | 15.30 | 166 | 432812 | 41.51 | ng | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 76795 | 41.35 | ng | 99 |
| 59) Diethylphthalate | 15.08 | 149 | 433821 | 41.76 | ng | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.29 | 204 | 176574 | 40.55 | ng | 99 |
| 61) 4-Nitroaniline | 15.34 | 138 | 148336 | 45.36 | ng | 98 |
| 62) Azobenzene | 15.59 | 77 | 394964 | 41.63 | ng | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.40 | 198 | 77719 | 42.38 | ng | 97 |
| 65) n-Nitrosodiphenylamine | 15.52 | 169 | 395257 | 42.54 | ng | 99 |
| 66) 4-Bromophenyl-phenylether | 16.19 | 248 | 93999 | 41.51 | ng | 96 |
| 67) Hexachlorobenzene | 16.30 | 284 | 98153 | 42.14 | ng | 99 |
| 68) Atrazine | 16.47 | 200 | 105094 | 42.14 | ng | 98 |
| 69) Pentachlorophenol | 16.66 | 266 | 45617 | 40.34 | ng | 98 |
| 70) Phenanthrene | 17.04 | 178 | 657319 | 42.22 | ng | 100 |
| 71) Anthracene | 17.13 | 178 | 662355 | 42.77 | ng | 99 |
| 72) Carbazole | 17.40 | 167 | 676575 | 43.61 | ng | 99 |
| 73) Di-n-butylphthalate | 17.97 | 149 | 821097 | 44.41 | ng | 99 |
| 74) Fluoranthene | 19.06 | 202 | 712112 | 43.17 | ng | 98 |
| 76) Benzidine | 19.25 | 184 | 355735 | 40.88 | ng | 100 |
| 77) Pyrene | 19.42 | 202 | 734587 | 40.93 | ng | 99 |
| 79) Butylbenzylphthalate | 20.32 | 149 | 378714 | 42.89 | ng | 97 |
| 80) Benzo(a)anthracene | 21.17 | 228 | 641027 | 41.38 | ng | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.10 | 252 | 214863 | 42.55 | ng | 97 |
| 82) Chrysene | 21.22 | 228 | 612670 | 41.25 | ng | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 523966 | 43.62 | ng | 98 |
| 84) Di-n-octyl phthalate | 21.96 | 149 | 876221 | 43.79 | ng | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.63 | 276 | 673025 | 41.58 | ng | 100 |
| 87) Benzo(b)fluoranthene | 22.73 | 252 | 597296 | 41.61 | ng | 98 |
| 88) Benzo(k)fluoranthene | 22.77 | 252 | 604526 | 43.15 | ng | 99 |
| 89) Benzo(a)pyrene | 23.29 | 252 | 570055 | 42.14 | ng | 99 |
| 90) Dibenzo(a,h)anthracene | 25.64 | 278 | 553895 | 42.11 | ng | 97 |
| 91) Benzo(g,h,i)perylene | 26.32 | 276 | 562562 | 42.03 | ng | 99 |

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

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