Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017170.D
Acq On : 15 May 2015 10:08
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
apatel
5/15/2015 11:31:43 AM

Quant Time: May 15 11:19:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 43269 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.50 | 136 | 204117 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.36 | 164 | 139799 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.11 | 188 | 311054 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.30 | 240 | 318491 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.56 | 264 | 307004 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 132594 | 54.37 | ng | | 0.00 |
| 7) Phenol-d6 | 6.91 | 99 | 195808 | 57.21 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.87 | 82 | 228886 | 52.35 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.86 | 330 | 80829 | 47.83 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.98 | 172 | 458502 | 48.13 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.74 | 244 | 767465 | 50.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 24841 | 25.82 | ng | | 97 |
| 3) Pyridine | 3.57 | 79 | 78888 | 27.10 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.49 | 42 | 53811 | 24.35 | ng | # | 95 |
| 6) Aniline | 7.04 | 93 | 125327 | 26.47 | ng | | 97 |
| 8) 2-Chlorophenol | 7.28 | 128 | 75921 | 26.02 | ng | | 92 |
| 9) Benzaldehyde | 6.85 | 77 | 64704 | 26.52 | ng | | 95 |
| 10) Phenol | 6.94 | 94 | 103332 | 28.47 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.14 | 93 | 75226 | 27.64 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.59 | 146 | 78201 | 24.00 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.74 | 146 | 82877 | 25.20 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.06 | 146 | 77050 | 24.53 | ng | | 96 |
| 15) Benzyl Alcohol | 7.95 | 79 | 83887 | 25.23 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.25 | 45 | 124202 | 28.15 | ng | | 97 |
| 17) 2-Methylphenol | 8.17 | 107 | 70286 | 26.71 | ng | | 97 |
| 18) Hexachloroethane | 8.78 | 117 | 35019 | 25.49 | ng | # | 87 |
| 19) n-Nitroso-di-n-propylamine | 8.51 | 70 | 79209 | 26.56 | ng | # | 95 |
| 20) 3+4-Methylphenols | 8.50 | 107 | 99375 | 27.17 | ng | | 94 |
| 22) Acetophenone | 8.53 | 105 | 120729 | 24.37 | ng | | 97 |
| 24) Nitrobenzene | 8.91 | 77 | 109851 | 25.68 | ng | | 98 |
| 25) Isophorone | 9.43 | 82 | 204615 | 25.39 | ng | | 98 |
| 26) 2-Nitrophenol | 9.62 | 139 | 48678 | 25.46 | ng | | 89 |
| 27) 2,4-Dimethylphenol | 9.69 | 122 | 80002 | 25.42 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 9.92 | 93 | 101459 | 25.86 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.17 | 162 | 78664 | 26.49 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.37 | 180 | 79432 | 23.58 | ng | | 97 |
| 31) Naphthalene | 10.55 | 128 | 255752 | 25.60 | ng | | 99 |
| 32) Benzoic acid | 9.83 | 122 | 51778 | 24.28 | ng | # | 76 |
| 33) 4-Chloroaniline | 10.67 | 127 | 124591 | 26.37 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.84 | 225 | 48156 | 22.58 | ng | | 95 |
| 35) Caprolactam | 11.43 | 113 | 37138 | 24.88 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.82 | 107 | 99577 | 26.54 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.17 | 142 | 195845 | 24.72 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.54 | 216 | 93603 | 23.67 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.52 | 237 | 51266 | 21.25 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.79 | 196 | 68468 | 24.40 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 12.88 | 196 | 74544 | 25.79 | ng | | 94 |
| 45) 1,1'-Biphenyl | 13.19 | 154 | 246597 | 24.49 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.23 | 162 | 196873 | 24.69 | ng | | 98 |
| 47) 2-Nitroaniline | 13.45 | 65 | 82093 | 26.47 | ng | | 91 |
| 48) Acenaphthylene | 14.08 | 152 | 342853 | 25.11 | ng | | 96 |
| 49) Dimethylphthalate | 13.82 | 163 | 261482 | 23.92 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 13.95 | 165 | 62181 | 25.67 | ng | | 96 |
| 51) Acenaphthene | 14.43 | 154 | 197638 | 24.50 | ng | | 99 |
| 52) 3-Nitroaniline | 14.27 | 138 | 70154 | 26.10 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 14.48 | 184 | 28162 | 20.02 | ng | | 92 |
| 54) Dibenzofuran | 14.76 | 168 | 293448 | 24.47 | ng | | 100 |
| 55) 4-Nitrophenol | 14.63 | 139 | 52197 | 24.12 | ng | | 90 |
| 56) 2,4-Dinitrotoluene | 14.73 | 165 | 85260 | 25.23 | ng | | 93 |
| 57) Fluorene | 15.41 | 166 | 259872 | 24.49 | ng | # | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.00 | 232 | 67121 | 25.30 | ng | | 98 |
| 59) Diethylphthalate | 15.19 | 149 | 277668 | 23.65 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.41 | 204 | 132632 | 24.33 | ng | | 94 |
| 61) 4-Nitroaniline | 15.44 | 138 | 79135 | 26.39 | ng | | 93 |
| 62) Azobenzene | 15.70 | 77 | 290881 | 25.93 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.50 | 198 | 47291 | 22.18 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 15.63 | 169 | 236905 | 24.81 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.30 | 248 | 81523 | 24.03 | ng | | 96 |
| 67) Hexachlorobenzene | 16.41 | 284 | 86676 | 24.21 | ng | | 100 |
| 68) Atrazine | 16.58 | 200 | 88033 | 25.20 | ng | | 97 |
| 69) Pentachlorophenol | 16.77 | 266 | 49519 | 22.16 | ng | | 96 |
| 70) Phenanthrene | 17.15 | 178 | 411688 | 25.67 | ng | | 98 |
| 71) Anthracene | 17.24 | 178 | 412516 | 25.38 | ng | | 99 |
| 72) Carbazole | 17.52 | 167 | 387811 | 25.96 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.08 | 149 | 517328 | 25.88 | ng | | 98 |
| 74) Fluoranthene | 19.17 | 202 | 487347 | 25.30 | ng | | 97 |
| 76) Benzidine | 19.36 | 184 | 223752 | 21.52 | ng | | 96 |
| 77) Pyrene | 19.53 | 202 | 488702 | 25.01 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.44 | 149 | 227022 | 25.55 | ng | | 97 |
| 80) Benzo(a)anthracene | 21.28 | 228 | 447620 | 24.53 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.22 | 252 | 163056 | 23.09 | ng | | 95 |
| 82) Chrysene | 21.33 | 228 | 423681 | 24.92 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 315797 | 25.01 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.09 | 149 | 530173 | 25.22 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.88 | 276 | 492725 | 24.22 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 22.88 | 252 | 434710 | 24.29 | ng | # | 98 |
| 88) Benzo(k)fluoranthene | 22.92 | 252 | 437875m | 25.77 | ng | | |
| 89) Benzo(a)pyrene | 23.46 | 252 | 404162 | 24.59 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 25.89 | 278 | 416153 | 24.67 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 26.59 | 276 | 390594 | 24.60 | ng | # | 95 |

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

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