Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021155.D
Acq On : 29 Feb 2016 14:55
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICCC040

Quant Time: Feb 29 15:44:15 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 15:24:16 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 12147 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.97 | 136 | 63287 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.76 | 164 | 40522 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.50 | 188 | 95053 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.77 | 240 | 103465 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.04 | 264 | 93327 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 61592 | 88.77 | ng | | 0.00 |
| 7) Phenol-d6 | 7.30 | 99 | 104138 | 100.86 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 123502 | 92.98 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 34575 | 65.08 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.39 | 172 | 233822 | 73.84 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.09 | 244 | 350833 | 79.24 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.59 | 88 | 12892 | 40.13 | ng | | 88 |
| 3) Pyridine | 4.00 | 79 | 46092 | 49.05 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.91 | 42 | 22998 | 48.27 | ng | | 97 |
| 6) Aniline | 7.48 | 93 | 68179 | 53.39 | ng | # | 88 |
| 8) 2-Chlorophenol | 7.72 | 128 | 38407 | 44.38 | ng | | 82 |
| 9) Benzaldehyde | 7.29 | 77 | 29682 | 53.08 | ng | | 83 |
| 10) Phenol | 7.33 | 94 | 54308 | 51.35 | ng | | 81 |
| 11) bis(2-Chloroethyl)ether | 7.57 | 93 | 43293 | 53.40 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 8.05 | 146 | 38987 | 42.33 | ng | # | 90 |
| 13) 1,4-Dichlorobenzene | 8.19 | 146 | 39717 | 40.37 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.51 | 146 | 39004 | 41.87 | ng | | 97 |
| 15) Benzyl Alcohol | 8.39 | 79 | 47973 | 53.19 | ng | # | 86 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68 | 45 | 71883 | 77.33 | ng | | 99 |
| 17) 2-Methylphenol | 8.59 | 107 | 37895 | 50.76 | ng | # | 89 |
| 18) Hexachloroethane | 9.25 | 117 | 16791 | 45.11 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.96 | 70 | 47265 | 59.35 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.92 | 107 | 53336 | 51.53 | ng | | 91 |
| 22) Acetophenone | 8.98 | 105 | 76652 | 43.88 | ng | # | 92 |
| 24) Nitrobenzene | 9.36 | 77 | 66324 | 48.33 | ng | # | 87 |
| 25) Isophorone | 9.89 | 82 | 131641 | 52.88 | ng | | 95 |
| 26) 2-Nitrophenol | 10.07 | 139 | 24331 | 41.94 | ng | # | 54 |
| 27) 2,4-Dimethylphenol | 10.12 | 122 | 43423 | 42.43 | ng | | 92 |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93 | 59955 | 49.42 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.60 | 162 | 38620 | 38.55 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.83 | 180 | 39253 | 34.57 | ng | | 93 |
| 31) Naphthalene | 11.01 | 128 | 131944 | 40.59 | ng | | 99 |
| 32) Benzoic acid | 10.26 | 122 | 35277 | 37.54 | ng | # | 82 |
| 33) 4-Chloroaniline | 11.12 | 127 | 61668 | 45.42 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.30 | 225 | 24051 | 31.66 | ng | | 89 |
| 35) Caprolactam | 11.91 | 113 | 18946 | 55.97 | ng | # | 80 |
| 36) 4-Chloro-3-methylphenol | 12.22 | 107 | 58140 | 47.34 | ng | | 88 |
| 37) 2-Methylnaphthalene | 12.61 | 142 | 93807 | 41.09 | ng | # | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 50582 | 33.78 | ng | # | 98 |
| 40) Hexachlorocyclopentadiene | 12.95 | 237 | 28909 | 29.36 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.20 | 196 | 36839 | 39.23 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.27 | 196 | 39636 | 41.08 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 13.61 | 154 | 135961 | 39.84 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.65 | 162 | 103167 | 39.85 | ng | | 96 |
| 47) 2-Nitroaniline | 13.85 | 65 | 49821 | 59.39 | ng | # | 74 |
| 48) Acenaphthylene | 14.49 | 152 | 173714 | 42.40 | ng | | 98 |
| 49) Dimethylphthalate | 14.22 | 163 | 145548 | 41.68 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 14.33 | 165 | 30814 | 42.89 | ng | # | 58 |
| 51) Acenaphthene | 14.83 | 154 | 112981 | 40.43 | ng | | 98 |
| 52) 3-Nitroaniline | 14.66 | 138 | 34123 | 48.81 | ng | # | 64 |
| 53) 2,4-Dinitrophenol | 14.86 | 184 | 16618 | 33.17 | ng | # | 76 |
| 54) Dibenzofuran | 15.16 | 168 | 144531 | 40.83 | ng | | 92 |
| 55) 4-Nitrophenol | 14.96 | 139 | 28889 | 46.59 | ng | # | 60 |
| 56) 2,4-Dinitrotoluene | 15.12 | 165 | 44773 | 43.45 | ng | # | 71 |
| 57) Fluorene | 15.81 | 166 | 139879 | 40.62 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.38 | 232 | 31569 | 37.65 | ng | # | 92 |
| 59) Diethylphthalate | 15.57 | 149 | 158997 | 43.19 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.80 | 204 | 69450 | 36.67 | ng | | 97 |
| 61) 4-Nitroaniline | 15.83 | 138 | 36832 | 46.27 | ng | # | 57 |
| 62) Azobenzene | 16.08 | 77 | 173254 | 54.33 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 15.87 | 198 | 26645 | 38.22 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 16.01 | 169 | 120993 | 43.15 | ng | | 94 |
| 66) 4-Bromophenyl-phenylether | 16.69 | 248 | 41280 | 36.89 | ng | # | 89 |
| 67) Hexachlorobenzene | 16.80 | 284 | 39779 | 33.69 | ng | # | 83 |
| 68) Atrazine | 16.95 | 200 | 40883 | 39.34 | ng | | 96 |
| 69) Pentachlorophenol | 17.14 | 266 | 27096 | 34.00 | ng | | 96 |
| 70) Phenanthrene | 17.54 | 178 | 209365 | 40.94 | ng | | 99 |
| 71) Anthracene | 17.64 | 178 | 213801 | 41.51 | ng | | 99 |
| 72) Carbazole | 17.90 | 167 | 189508 | 42.62 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.45 | 149 | 270405 | 46.13 | ng | # | 98 |
| 74) Fluoranthene | 19.54 | 202 | 246777 | 38.46 | ng | | 99 |
| 76) Benzidine | 19.71 | 184 | 119613 | 43.94 | ng | | 99 |
| 77) Pyrene | 19.90 | 202 | 249148 | 43.49 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.77 | 149 | 129788 | 54.28 | ng | | 87 |
| 80) Benzo(a)anthracene | 21.74 | 228 | 249895 | 41.98 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.65 | 252 | 95474 | 40.99 | ng | | 98 |
| 82) Chrysene | 21.81 | 228 | 236474 | 41.25 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.64 | 149 | 188890 | 51.16 | ng | | 95 |
| 84) Di-n-octyl phthalate | 22.87 | 149 | 316645 | 51.17 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 28.78 | 276 | 261206 | 37.79 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.00 | 252 | 240017 | 41.14 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 24.07 | 252 | 237870 | 41.37 | ng | | 98 |
| 89) Benzo(a)pyrene | 24.89 | 252 | 229700 | 41.02 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 28.86 | 278 | 222874 | 39.48 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 29.96 | 276 | 212268 | 39.04 | ng | # | 92 |

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

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