Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021618.D
Acq On : 13 Apr 2016 12:52
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
4/14/2016 5:29:32 PM

Quant Time: Apr 13 13:50:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 13:39:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.22 | 152 | 30263 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.04 | 136 | 138420 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.83 | 164 | 84004 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.56 | 188 | 190333 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.83 | 240 | 233740 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.17 | 264 | 229289 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.76 | 112 | 144077 | 72.01 | ng | | 0.00 |
| 7) Phenol-d6 | 7.36 | 99 | 213313 | 54.36 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.38 | 82 | 213411 | 79.01 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.31 | 330 | 70305 | 55.77 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.46 | 172 | 455024 | 92.01 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.15 | 244 | 733889 | 69.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.64 | 88 | 32857 | 42.59 | ng | | 91 |
| 3) Pyridine | 4.04 | 79 | 94571 | 29.89 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.96 | 42 | 45951 | 32.61 | ng | # | 88 |
| 6) Aniline | 7.54 | 93 | 139264 | 27.05 | ng | | 96 |
| 8) 2-Chlorophenol | 7.78 | 128 | 85685 | 32.15 | ng | | 95 |
| 9) Benzaldehyde | 7.36 | 77 | 59018 | 30.62 | ng | | 91 |
| 10) Phenol | 7.39 | 94 | 115587 | 26.90 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.63 | 93 | 90766 | 31.19 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 8.11 | 146 | 96704 | 39.68 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.26 | 146 | 98471 | 37.98 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.58 | 146 | 93575 | 35.58 | ng | | 98 |
| 15) Benzyl Alcohol | 8.45 | 79 | 80838 | 23.19 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.75 | 45 | 195453 | 31.31 | ng | | 96 |
| 17) 2-Methylphenol | 8.64 | 107 | 78619 | 25.71 | ng | | 95 |
| 18) Hexachloroethane | 9.31 | 117 | 35553 | 40.71 | ng | # | 74 |
| 19) n-Nitroso-di-n-propylamine | 9.03 | 70 | 79744 | 22.35 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.97 | 107 | 108195 | 23.49 | ng | | 96 |
| 22) Acetophenone | 9.04 | 105 | 151716 | 37.36 | ng | # | 99 |
| 24) Nitrobenzene | 9.43 | 77 | 113971 | 39.89 | ng | | 98 |
| 25) Isophorone | 9.95 | 82 | 222041 | 29.07 | ng | | 99 |
| 26) 2-Nitrophenol | 10.14 | 139 | 43232 | 42.11 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 10.19 | 122 | 94355 | 33.32 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.43 | 93 | 121912 | 36.52 | ng | | 91 |
| 29) 2,4-Dichlorophenol | 10.67 | 162 | 84419 | 35.44 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.89 | 180 | 91238 | 43.43 | ng | | 92 |
| 31) Naphthalene | 11.09 | 128 | 292266 | 39.25 | ng | # | 95 |
| 32) Benzoic acid | 10.30 | 122 | 49935 | 15.65 | ng | | 96 |
| 33) 4-Chloroaniline | 11.19 | 127 | 122554 | 28.08 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.36 | 225 | 58421 | 50.04 | ng | | 96 |
| 35) Caprolactam | 11.96 | 113 | 37559 | 13.50 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 12.28 | 107 | 102921 | 23.55 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.68 | 142 | 198086 | 32.22 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 104357 | 51.43 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 13.02 | 237 | 60600 | 70.78 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.26 | 196 | 67351 | 43.95 | ng | | 94 |
| 43) 2,4,5-Trichlorophenol | 13.33 | 196 | 73363 | 39.35 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.67 | 154 | 281696 | 45.19 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.72 | 162 | 207367 | 44.72 | ng | | 99 |
| 47) 2-Nitroaniline | 13.90 | 65 | 69901 | 32.17 | ng | | 96 |
| 48) Acenaphthylene | 14.56 | 152 | 339943 | 37.94 | ng | | 98 |
| 49) Dimethylphthalate | 14.27 | 163 | 275559 | 29.62 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.40 | 165 | 54926 | 32.66 | ng | | 96 |
| 51) Acenaphthene | 14.89 | 154 | 218836 | 37.69 | ng | | 97 |
| 52) 3-Nitroaniline | 14.72 | 138 | 59804 | 25.98 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 14.92 | 184 | 17001 | 24.63 | ng | # | 87 |
| 54) Dibenzofuran | 15.22 | 168 | 294504 | 34.86 | ng | | 99 |
| 55) 4-Nitrophenol | 15.01 | 139 | 53594 | 21.78 | ng | | 89 |
| 56) 2,4-Dinitrotoluene | 15.17 | 165 | 74127 | 27.42 | ng | | 98 |
| 57) Fluorene | 15.87 | 166 | 260491 | 31.45 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.44 | 232 | 58286m | 29.53 | ng | | |
| 59) Diethylphthalate | 15.63 | 149 | 289348 | 25.75 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.86 | 204 | 128080 | 33.68 | ng | | 95 |
| 61) 4-Nitroaniline | 15.88 | 138 | 68704 | 21.54 | ng | | 97 |
| 62) Azobenzene | 16.15 | 77 | 251480 | 30.04 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.93 | 198 | 30443 | 41.86 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 16.07 | 169 | 228624 | 45.74 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.75 | 248 | 82294 | 47.16 | ng | | 98 |
| 67) Hexachlorobenzene | 16.86 | 284 | 83592 | 46.37 | ng | | 98 |
| 68) Atrazine | 17.01 | 200 | 95820 | 32.99 | ng | | 96 |
| 69) Pentachlorophenol | 17.20 | 266 | 51018 | 41.99 | ng | | 94 |
| 70) Phenanthrene | 17.60 | 178 | 416342 | 38.64 | ng | | 99 |
| 71) Anthracene | 17.69 | 178 | 427106 | 38.36 | ng | | 98 |
| 72) Carbazole | 17.96 | 167 | 403861 | 32.78 | ng | | 97 |
| 73) Di-n-butylphthalate | 18.51 | 149 | 535191 | 30.89 | ng | | 99 |
| 74) Fluoranthene | 19.60 | 202 | 517642 | 30.58 | ng | | 99 |
| 76) Benzidine | 19.77 | 184 | 293671 | 41.90 | ng | | 99 |
| 77) Pyrene | 19.95 | 202 | 526303 | 35.63 | ng | | 100 |
| 79) Butylbenzylphthalate | 20.84 | 149 | 253449 | 41.15 | ng | | 95 |
| 80) Benzo(a)anthracene | 21.82 | 228 | 537698 | 39.43 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.72 | 252 | 426584 | 45.79 | ng | | 100 |
| 82) Chrysene | 21.89 | 228 | 512124 | 39.53 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 362235 | 44.92 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 22.97 | 149 | 622197 | 46.64 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 28.99 | 276 | 615555 | 46.23 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 24.11 | 252 | 539341 | 39.98 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 24.18 | 252 | 511384 | 37.96 | ng | | 99 |
| 89) Benzo(a)pyrene | 25.01 | 252 | 509456 | 39.18 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 29.06 | 278 | 515958 | 40.33 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 30.18 | 276 | 505788 | 39.73 | ng | | 98 |

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

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