Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017645.D
Acq On : 12 Jun 2015 20:07
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
apatel
6/15/2015 4:40:04 PM

Quant Time: Jun 13 01:48:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 00:03:37 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.52 | 152 | 21061 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.32 | 136 | 82319 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.21 | 164 | 61856 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 16.96 | 188 | 172827 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.17 | 240 | 258387 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.36 | 264 | 246495 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.11 | 112 | 183131 | 155.06 | ng | | 0.00 |
| 7) Phenol-d6 | 6.74 | 99 | 265593 | 163.88 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.70 | 82 | 335333 | 198.63 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.71 | 330 | 185442 | 207.88 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.82 | 172 | 768691 | 185.07 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.61 | 244 | 1917437 | 153.07 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.95 | 88 | 43982 | 81.29 | ng | | 99 |
| 3) Pyridine | 3.35 | 79 | 117927 | 82.49 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.27 | 42 | 68952 | 75.27 | ng | | 99 |
| 6) Aniline | 6.86 | 93 | 173813 | 79.47 | ng | | 94 |
| 8) 2-Chlorophenol | 7.10 | 128 | 106608 | 76.28 | ng | | 89 |
| 9) Benzaldehyde | 6.67 | 77 | 69915 | 64.08 | ng | | 96 |
| 10) Phenol | 6.76 | 94 | 136586 | 82.65 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 6.96 | 93 | 98296 | 78.07 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.41 | 146 | 125403 | 79.69 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.56 | 146 | 133366 | 80.70 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 7.88 | 146 | 120204 | 77.41 | ng | # | 83 |
| 15) Benzyl Alcohol | 7.79 | 79 | 151059 | 97.17 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.08 | 45 | 40796 | 21.35 | ng | | 88 |
| 17) 2-Methylphenol | 8.00 | 107 | 99228 | 78.99 | ng | | 95 |
| 18) Hexachloroethane | 8.60 | 117 | 55871 | 84.49 | ng | | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.35 | 70 | 115959 | 83.33 | ng | # | 90 |
| 20) 3+4-Methylphenols | 8.34 | 107 | 141637 | 80.98 | ng | | 92 |
| 22) Acetophenone | 8.36 | 105 | 186154 | 91.45 | ng | # | 95 |
| 24) Nitrobenzene | 8.74 | 77 | 177285 | 100.26 | ng | # | 96 |
| 25) Isophorone | 9.26 | 82 | 309199 | 88.65 | ng | | 99 |
| 26) 2-Nitrophenol | 9.45 | 139 | 68538 | 86.97 | ng | | 88 |
| 27) 2,4-Dimethylphenol | 9.53 | 122 | 113065 | 87.26 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 9.75 | 93 | 137288 | 87.29 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.00 | 162 | 119841 | 93.12 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.19 | 180 | 153105 | 99.93 | ng | | 94 |
| 31) Naphthalene | 10.37 | 128 | 367017 | 85.07 | ng | # | 94 |
| 32) Benzoic acid | 9.75 | 122 | 68426 | 84.62 | ng | # | 82 |
| 33) 4-Chloroaniline | 10.50 | 127 | 157184 | 82.74 | ng | | 94 |
| 34) Hexachlorobutadiene | 10.65 | 225 | 132868 | 128.39 | ng | | 90 |
| 35) Caprolactam | 11.31 | 113 | 53696 | 78.02 | ng | | 87 |
| 36) 4-Chloro-3-methylphenol | 11.67 | 107 | 149082 | 90.01 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.00 | 142 | 294448 | 88.40 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.38 | 216 | 211345 | 106.54 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.35 | 237 | 86693 | 97.86 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.63 | 196 | 133100m | 97.76 | ng | | |
| 43) 2,4,5-Trichlorophenol | 12.72 | 196 | 140018 | 92.90 | ng | | 91 |
| 45) 1,1'-Biphenyl | 13.03 | 154 | 390545 | 86.39 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.08 | 162 | 322523 | 85.88 | ng | | 100 |
| 47) 2-Nitroaniline | 13.30 | 65 | 113116 | 81.33 | ng | | 96 |
| 48) Acenaphthylene | 13.93 | 152 | 549445 | 82.88 | ng | | 100 |
| 49) Dimethylphthalate | 13.69 | 163 | 441630 | 82.02 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 13.80 | 165 | 101254 | 84.14 | ng | | 97 |
| 51) Acenaphthene | 14.27 | 154 | 326023 | 83.09 | ng | | 96 |
| 52) 3-Nitroaniline | 14.14 | 138 | 89592 | 70.20 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 14.36 | 184 | 57846 | 93.15 | ng | | 95 |
| 54) Dibenzofuran | 14.61 | 168 | 533232 | 90.93 | ng | | 99 |
| 55) 4-Nitrophenol | 14.49 | 139 | 63971 | 71.83 | ng | | 98 |
| 56) 2,4-Dinitrotoluene | 14.60 | 165 | 152344 | 88.46 | ng | | 95 |
| 57) Fluorene | 15.27 | 166 | 467327 | 88.63 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 148400 | 105.00 | ng | | 98 |
| 59) Diethylphthalate | 15.05 | 149 | 482316 | 82.54 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.26 | 204 | 297465 | 107.73 | ng | | 96 |
| 61) 4-Nitroaniline | 15.31 | 138 | 99688 | 71.85 | ng | | 91 |
| 62) Azobenzene | 15.56 | 77 | 529080 | 93.20 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 118507 | 92.17 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 15.48 | 169 | 422675 | 82.51 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.16 | 248 | 195215 | 98.49 | ng | | 96 |
| 67) Hexachlorobenzene | 16.27 | 284 | 213406 | 99.99 | ng | | 96 |
| 68) Atrazine | 16.45 | 200 | 196855 | 85.64 | ng | | 99 |
| 69) Pentachlorophenol | 16.63 | 266 | 92376 | 84.94 | ng | | 99 |
| 70) Phenanthrene | 17.01 | 178 | 785929 | 81.51 | ng | | 99 |
| 71) Anthracene | 17.10 | 178 | 782647 | 81.05 | ng | | 98 |
| 72) Carbazole | 17.38 | 167 | 735992 | 77.89 | ng | | 97 |
| 73) Di-n-butylphthalate | 17.94 | 149 | 885478 | 73.78 | ng | | 99 |
| 74) Fluoranthene | 19.04 | 202 | 1139624 | 88.90 | ng | | 99 |
| 76) Benzidine | 19.23 | 184 | 471825 | 55.94 | ng | | 96 |
| 77) Pyrene | 19.40 | 202 | 1165106 | 74.13 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.31 | 149 | 438543 | 66.16 | ng | | 98 |
| 80) Benzo(a)anthracene | 21.15 | 228 | 1251548 | 78.83 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.09 | 252 | 486474 | 82.48 | ng | | 98 |
| 82) Chrysene | 21.21 | 228 | 1141212 | 79.35 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.08 | 149 | 654726 | 68.37 | ng | | 94 |
| 84) Di-n-octyl phthalate | 21.95 | 149 | 1053011 | 65.60 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 1533235 | 84.79 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 22.71 | 252 | 1295068 | 83.12 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 22.75 | 252 | 1255987 | 83.15 | ng | | 98 |
| 89) Benzo(a)pyrene | 23.27 | 252 | 1207207 | 84.02 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 25.62 | 278 | 1279011 | 85.45 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 26.29 | 276 | 1203195 | 84.29 | ng | # | 97 |

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

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