Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062315\
Data File : BG017757.D
Acq On : 23 Jun 2015 12:59
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
apatel
6/25/2015 4:56:15 PM

Quant Time: Jun 24 00:50:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 74273 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.39 | 136 | 353303 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 14.26 | 164 | 217192 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.01 | 188 | 455243 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 21.22 | 240 | 454281 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 23.44 | 264 | 429881 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 358589 | 84.73 | ng | | -0.02 |
| 7) Phenol-d6 | 6.78 | 99 | 518166 | 87.11 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 8.76 | 82 | 544293 | 88.62 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 15.76 | 330 | 160116 | 79.50 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 12.88 | 172 | 1046294 | 78.24 | ng | | -0.02 |
| 78) Terphenyl-d14 | 19.66 | 244 | 1570170 | 78.54 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 83691 | 45.40 | ng | | 96 |
| 3) Pyridine | 3.55 | 79 | 253158 | 49.34 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.47 | 42 | 115653 | 49.59 | ng | # | 99 |
| 6) Aniline | 6.94 | 93 | 357345 | 43.69 | ng | | 99 |
| 8) 2-Chlorophenol | 7.17 | 128 | 215061 | 40.62 | ng | | 91 |
| 9) Benzaldehyde | 6.76 | 77 | 133122 | 38.60 | ng | | 96 |
| 10) Phenol | 6.81 | 94 | 283122 | 43.66 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.04 | 93 | 216852 | 44.10 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.50 | 146 | 228226 | 38.76 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 7.64 | 146 | 238340 | 39.16 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.96 | 146 | 224520 | 39.08 | ng | | 97 |
| 15) Benzyl Alcohol | 7.85 | 79 | 224991 | 43.92 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.15 | 45 | 344612 | 45.92 | ng | | 97 |
| 17) 2-Methylphenol | 8.05 | 107 | 198993 | 41.22 | ng | | 96 |
| 18) Hexachloroethane | 8.68 | 117 | 95588 | 40.96 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 8.42 | 70 | 215533 | 43.05 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.38 | 107 | 272221 | 41.80 | ng | | 96 |
| 22) Acetophenone | 8.43 | 105 | 329562 | 41.13 | ng | # | 96 |
| 24) Nitrobenzene | 8.81 | 77 | 293588 | 44.48 | ng | | 99 |
| 25) Isophorone | 9.33 | 82 | 564497 | 41.26 | ng | | 95 |
| 26) 2-Nitrophenol | 9.51 | 139 | 130193 | 43.23 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.58 | 122 | 221120 | 38.77 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 9.82 | 93 | 291867 | 42.33 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.04 | 162 | 197608 | 39.31 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.26 | 180 | 209273 | 37.07 | ng | | 99 |
| 31) Naphthalene | 10.44 | 128 | 756122 | 39.59 | ng | | 99 |
| 32) Benzoic acid | 9.71 | 122 | 132835 | 43.32 | ng | | 91 |
| 33) 4-Chloroaniline | 10.56 | 127 | 335288 | 40.12 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.73 | 225 | 120235 | 37.21 | ng | | 94 |
| 35) Caprolactam | 11.33 | 113 | 107273 | 38.42 | ng | | 87 |
| 36) 4-Chloro-3-methylphenol | 11.69 | 107 | 248215 | 39.91 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.07 | 142 | 534087 | 38.87 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.44 | 216 | 222311 | 38.16 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 12.42 | 237 | 140386 | 35.88 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.68 | 196 | 157552 | 39.95 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 12.75 | 196 | 174120 | 40.49 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.10 | 154 | 632704 | 39.43 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.13 | 162 | 507177 | 39.26 | ng | | 99 |
| 47) 2-Nitroaniline | 13.34 | 65 | 189962 | 49.20 | ng | | 92 |
| 48) Acenaphthylene | 13.98 | 152 | 914506 | 39.62 | ng | | 98 |
| 49) Dimethylphthalate | 13.74 | 163 | 632400 | 38.07 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 13.85 | 165 | 148518 | 43.36 | ng | # | 89 |
| 51) Acenaphthene | 14.33 | 154 | 551762 | 39.61 | ng | | 99 |
| 52) 3-Nitroaniline | 14.18 | 138 | 176456 | 44.09 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 14.38 | 184 | 66984 | 43.98 | ng | # | 83 |
| 54) Dibenzofuran | 14.66 | 168 | 769326 | 39.22 | ng | | 98 |
| 55) 4-Nitrophenol | 14.49 | 139 | 140965 | 44.58 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 14.63 | 165 | 198809 | 40.83 | ng | # | 85 |
| 57) Fluorene | 15.32 | 166 | 687804 | 38.80 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 149151m | 41.82 | ng | | |
| 59) Diethylphthalate | 15.11 | 149 | 674110 | 37.41 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.32 | 204 | 313105 | 38.48 | ng | | 99 |
| 61) 4-Nitroaniline | 15.35 | 138 | 198738 | 44.73 | ng | | 97 |
| 62) Azobenzene | 15.62 | 77 | 802629 | 42.51 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.40 | 198 | 113522 | 46.14 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 15.53 | 169 | 587636 | 40.40 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.22 | 248 | 181319 | 38.56 | ng | | 99 |
| 67) Hexachlorobenzene | 16.32 | 284 | 197072 | 38.69 | ng | | 98 |
| 68) Atrazine | 16.50 | 200 | 199772 | 37.63 | ng | | 99 |
| 69) Pentachlorophenol | 16.67 | 266 | 105070 | 41.12 | ng | | 99 |
| 70) Phenanthrene | 17.06 | 178 | 1023391 | 39.85 | ng | | 99 |
| 71) Anthracene | 17.15 | 178 | 1017172 | 39.67 | ng | | 98 |
| 72) Carbazole | 17.43 | 167 | 994560 | 39.58 | ng | | 100 |
| 73) Di-n-butylphthalate | 18.00 | 149 | 1225362 | 39.06 | ng | | 99 |
| 74) Fluoranthene | 19.08 | 202 | 1125325 | 38.39 | ng | | 97 |
| 76) Benzidine | 19.28 | 184 | 515001 | 33.99 | ng | | 99 |
| 77) Pyrene | 19.45 | 202 | 1139073 | 39.40 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.37 | 149 | 552103 | 40.38 | ng | | 93 |
| 80) Benzo(a)anthracene | 21.20 | 228 | 1023863 | 39.15 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.14 | 252 | 367171 | 37.64 | ng | | 99 |
| 82) Chrysene | 21.26 | 228 | 943815 | 39.32 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 763639 | 40.20 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.03 | 149 | 1255226 | 40.26 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 1121083 | 38.94 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 22.77 | 252 | 1018338 | 39.35 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 22.82 | 252 | 984670 | 39.80 | ng | | 97 |
| 89) Benzo(a)pyrene | 23.35 | 252 | 934529 | 39.31 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 25.72 | 278 | 931321 | 38.70 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 26.40 | 276 | 900436 | 38.61 | ng | | 97 |

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

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