Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016730.D
Acq On : 27 Apr 2015 11:11
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 27 14:39:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 57313 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 10.36 | 136 | 255220 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 14.24 | 164 | 148734 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 16.99 | 188 | 310613 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.17 | 240 | 294983 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.37 | 264 | 293536 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.17 | 112 | 288174 | 81.59 | ng | -0.02 |
| 7) Phenol-d6 | 6.78 | 99 | 410071 | 82.76 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.74 | 82 | 333561 | 82.58 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 15.73 | 330 | 99056 | 89.77 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 12.85 | 172 | 776345 | 83.86 | ng | -0.02 |
| 78) Terphenyl-d14 | 19.62 | 244 | 1012759 | 79.09 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.03 | 88 | 60212 | 39.35 | ng | 100 |
| 3) Pyridine | 3.43 | 79 | 173616 | 39.97 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.35 | 42 | 50547 | 39.44 | ng | 97 |
| 6) Aniline | 6.91 | 93 | 277970 | 40.91 | ng | 98 |
| 8) 2-Chlorophenol | 7.15 | 128 | 178759 | 40.95 | ng | 98 |
| 9) Benzaldehyde | 6.72 | 77 | 77419 | 38.24 | ng | 97 |
| 10) Phenol | 6.81 | 94 | 213078 | 40.80 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.01 | 93 | 159180 | 39.05 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.46 | 146 | 184919 | 40.96 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.61 | 146 | 188229 | 40.79 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.93 | 146 | 180094 | 40.88 | ng | 100 |
| 15) Benzyl Alcohol | 7.83 | 79 | 132041 | 42.47 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 144165 | 37.78 | ng | 98 |
| 17) 2-Methylphenol | 8.05 | 107 | 147749 | 42.31 | ng | 96 |
| 18) Hexachloroethane | 8.64 | 117 | 66900 | 41.12 | ng | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.39 | 70 | 125240 | 40.55 | ng | 97 |
| 20) 3+4-Methylphenols | 8.38 | 107 | 205197 | 41.80 | ng | 95 |
| 22) Acetophenone | 8.40 | 105 | 236322 | 42.19 | ng | 98 |
| 24) Nitrobenzene | 8.78 | 77 | 173081 | 40.80 | ng | 97 |
| 25) Isophorone | 9.30 | 82 | 360473 | 43.06 | ng | 99 |
| 26) 2-Nitrophenol | 9.49 | 139 | 110143 | 44.75 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.56 | 122 | 174205 | 42.38 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.79 | 93 | 205747 | 40.74 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.03 | 162 | 157222 | 45.00 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.23 | 180 | 157649 | 42.58 | ng | 99 |
| 31) Naphthalene | 10.41 | 128 | 553907 | 41.16 | ng | 99 |
| 32) Benzoic acid | 9.73 | 122 | 107303 | 48.13 | ng | 100 |
| 33) 4-Chloroaniline | 10.53 | 127 | 265506 | 42.82 | ng | 97 |
| 34) Hexachlorobutadiene | 10.70 | 225 | 70341 | 42.53 | ng | 97 |
| 35) Caprolactam | 11.32 | 113 | 92573 | 49.15 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.69 | 107 | 179566 | 44.20 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.04 | 142 | 405607 | 41.73 | ng | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.41 | 216 | 152733 | 43.11 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 12.38 | 237 | 44657 | 36.84 | ng | 96 |

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|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.67 | 196 | 118944 | 45.94 ng | 97 |
| 43) 2,4,5-Trichlorophenol | 12.75 | 196 | 125733 | 45.89 ng | 96 |
| 45) 1,1'-Biphenyl | 13.07 | 154 | 491142 | 42.05 ng | 99 |
| 46) 2-Chloronaphthalene | 13.10 | 162 | 378919 | 42.20 ng | 98 |
| 47) 2-Nitroaniline | 13.32 | 65 | 107490 | 43.89 ng | 96 |
| 48) Acenaphthylene | 13.95 | 152 | 663779 | 42.21 ng | 100 |
| 49) Dimethylphthalate | 13.71 | 163 | 474655 | 42.66 ng | 99 |
| 50) 2,6-Dinitrotoluene | 13.83 | 165 | 119464 | 43.75 ng | 98 |
| 51) Acenaphthene | 14.30 | 154 | 392346 | 41.57 ng | 100 |
| 52) 3-Nitroaniline | 14.16 | 138 | 146799 | 44.49 ng | 94 |
| 53) 2,4-Dinitrophenol | 14.38 | 184 | 50664 | 38.49 ng | 93 |
| 54) Dibenzofuran | 14.64 | 168 | 551784 | 41.44 ng | 100 |
| 55) 4-Nitrophenol | 14.51 | 139 | 106631 | 43.12 ng | 96 |
| 56) 2,4-Dinitrotoluene | 14.62 | 165 | 166151 | 44.43 ng | 99 |
| 57) Fluorene | 15.29 | 166 | 495450 | 42.57 ng | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.88 | 232 | 93643 | 45.17 ng | 97 |
| 59) Diethylphthalate | 15.07 | 149 | 499487 | 43.08 ng | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.28 | 204 | 203609 | 41.89 ng | 100 |
| 61) 4-Nitroaniline | 15.33 | 138 | 169251 | 46.37 ng | 99 |
| 62) Azobenzene | 15.58 | 77 | 424411 | 40.08 ng | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 91816 | 43.68 ng | 95 |
| 65) n-Nitrosodiphenylamine | 15.50 | 169 | 452845 | 42.52 ng | 99 |
| 66) 4-Bromophenyl-phenylether | 16.17 | 248 | 110385 | 42.53 ng | 97 |
| 67) Hexachlorobenzene | 16.29 | 284 | 112358 | 42.09 ng | 98 |
| 68) Atrazine | 16.46 | 200 | 127390 | 44.56 ng | 98 |
| 69) Pentachlorophenol | 16.64 | 266 | 56904 | 43.90 ng | 96 |
| 70) Phenanthrene | 17.03 | 178 | 741308 | 41.54 ng | 98 |
| 71) Anthracene | 17.11 | 178 | 749419 | 42.22 ng | 100 |
| 72) Carbazole | 17.40 | 167 | 763658 | 42.95 ng | 99 |
| 73) Di-n-butylphthalate | 17.95 | 149 | 932902 | 44.02 ng | 99 |
| 74) Fluoranthene | 19.05 | 202 | 807357 | 42.70 ng | 99 |
| 76) Benzidine | 19.24 | 184 | 418614 | 41.67 ng | 99 |
| 77) Pyrene | 19.41 | 202 | 823243 | 39.73 ng | 99 |
| 79) Butylbenzylphthalate | 20.32 | 149 | 444939 | 43.65 ng | 95 |
| 80) Benzo(a)anthracene | 21.16 | 228 | 745061 | 41.65 ng | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.10 | 252 | 261904 | 44.93 ng | 98 |
| 82) Chrysene | 21.21 | 228 | 707026 | 41.23 ng | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 616017 | 44.42 ng | 99 |
| 84) Di-n-octyl phthalate | 21.95 | 149 | 1051494 | 45.52 ng | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 25.62 | 276 | 830989 | 44.46 ng | 100 |
| 87) Benzo(b)fluoranthene | 22.71 | 252 | 707373 | 39.67 ng | 99 |
| 88) Benzo(k)fluoranthene | 22.75 | 252 | 703212 | 40.41 ng | 99 |
| 89) Benzo(a)pyrene | 23.28 | 252 | 689749 | 41.05 ng | 99 |
| 90) Dibenzo(a,h)anthracene | 25.62 | 278 | 680869 | 41.67 ng | 99 |
| 91) Benzo(g,h,i)perylene | 26.30 | 276 | 683377 | 41.11 ng | 97 |

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

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