Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
Data File : BG016274.D
Acq On : 8 Apr 2015 1:20
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Apr 08 03:49:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:25:31 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 76512 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.48 | 136 | 392249 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.34 | 164 | 235885 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.08 | 188 | 462536 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.25 | 240 | 387927 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.50 | 264 | 368961 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 373072 | 76.95 | ng | | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 574766 | 78.98 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.86 | 82 | 513012 | 75.76 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.83 | 330 | 132278 | 82.92 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.96 | 172 | 1041794 | 75.20 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.70 | 244 | 1257682 | 75.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 75425 | 34.22 | ng | | 98 |
| 3) Pyridine | 3.57 | 79 | 248273 | 37.69 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.49 | 42 | 72260 | 36.90 | ng | | 99 |
| 6) Aniline | 7.03 | 93 | 399252 | 38.41 | ng | | 99 |
| 8) 2-Chlorophenol | 7.26 | 128 | 233310 | 40.07 | ng | | 98 |
| 9) Benzaldehyde | 6.84 | 77 | 153246 | 35.95 | ng | | 97 |
| 10) Phenol | 6.90 | 94 | 309063 | 39.69 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.13 | 93 | 232955 | 37.52 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.59 | 146 | 227719 | 38.73 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.73 | 146 | 233412 | 38.27 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.05 | 146 | 225567 | 38.67 | ng | | 98 |
| 15) Benzyl Alcohol | 7.94 | 79 | 203761 | 40.16 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.23 | 45 | 258109 | 36.91 | ng | | 99 |
| 17) 2-Methylphenol | 8.15 | 107 | 209695 | 40.16 | ng | | 97 |
| 18) Hexachloroethane | 8.77 | 117 | 87201 | 37.37 | ng | | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.50 | 70 | 202262 | 38.79 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.48 | 107 | 294239 | 40.68 | ng | | 97 |
| 22) Acetophenone | 8.52 | 105 | 339256 | 37.30 | ng | # | 99 |
| 24) Nitrobenzene | 8.90 | 77 | 270683 | 37.38 | ng | | 93 |
| 25) Isophorone | 9.42 | 82 | 562169 | 37.39 | ng | | 99 |
| 26) 2-Nitrophenol | 9.60 | 139 | 149730 | 44.35 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.67 | 122 | 248484 | 39.51 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.90 | 93 | 323937 | 37.74 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.14 | 162 | 210650 | 42.33 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.35 | 180 | 201405 | 38.76 | ng | | 98 |
| 31) Naphthalene | 10.54 | 128 | 774478 | 37.89 | ng | | 100 |
| 32) Benzoic acid | 9.81 | 122 | 180532 | 44.73 | ng | | 99 |
| 33) 4-Chloroaniline | 10.65 | 127 | 378667 | 39.48 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.82 | 225 | 89809 | 39.35 | ng | | 100 |
| 35) Caprolactam | 11.42 | 113 | 126793 | 40.47 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.78 | 107 | 267010 | 40.62 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.15 | 142 | 563722 | 38.34 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216 | 202444 | 38.98 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.50 | 237 | 91084 | 38.32 | ng | | 98 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.77 | 196 | 163266 | 42.31 | ng | 95 |
| 43) 2,4,5-Trichlorophenol | 12.84 | 196 | 174506 | 42.32 | ng | 98 |
| 45) 1,1'-Biphenyl | 13.17 | 154 | 680475 | 37.61 | ng | 99 |
| 46) 2-Chloronaphthalene | 13.21 | 162 | 519574 | 37.69 | ng | 98 |
| 47) 2-Nitroaniline | 13.42 | 65 | 172810 | 38.90 | ng | 94 |
| 48) Acenaphthylene | 14.06 | 152 | 919577 | 37.52 | ng | 98 |
| 49) Dimethylphthalate | 13.80 | 163 | 641851 | 37.13 | ng | 99 |
| 50) 2,6-Dinitrotoluene | 13.92 | 165 | 163365 | 39.07 | ng | 95 |
| 51) Acenaphthene | 14.40 | 154 | 547171 | 37.36 | ng | 98 |
| 52) 3-Nitroaniline | 14.25 | 138 | 208261 | 39.00 | ng | 93 |
| 53) 2,4-Dinitrophenol | 14.46 | 184 | 81855 | 38.60 | ng | 97 |
| 54) Dibenzofuran | 14.74 | 168 | 757311 | 37.26 | ng | 98 |
| 55) 4-Nitrophenol | 14.56 | 139 | 168467 | 38.18 | ng | 98 |
| 56) 2,4-Dinitrotoluene | 14.71 | 165 | 223975 | 39.33 | ng | 95 |
| 57) Fluorene | 15.38 | 166 | 667037 | 37.20 | ng | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.97 | 232 | 131881 | 41.44 | ng | 94 |
| 59) Diethylphthalate | 15.17 | 149 | 673426 | 36.59 | ng | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.38 | 204 | 276654 | 37.72 | ng | 99 |
| 61) 4-Nitroaniline | 15.41 | 138 | 233579 | 38.54 | ng | 96 |
| 62) Azobenzene | 15.67 | 77 | 690331 | 35.25 | ng | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 124243 | 38.96 | ng | 96 |
| 65) n-Nitrosodiphenylamine | 15.60 | 169 | 614350 | 39.29 | ng | 99 |
| 66) 4-Bromophenyl-phenylether | 16.27 | 248 | 147563 | 39.96 | ng | 97 |
| 67) Hexachlorobenzene | 16.39 | 284 | 153489 | 39.99 | ng | 96 |
| 68) Atrazine | 16.55 | 200 | 171543 | 39.36 | ng | 100 |
| 69) Pentachlorophenol | 16.73 | 266 | 100736 | 42.98 | ng | 99 |
| 70) Phenanthrene | 17.12 | 178 | 980563 | 37.69 | ng | 100 |
| 71) Anthracene | 17.21 | 178 | 991331 | 38.45 | ng | 100 |
| 72) Carbazole | 17.49 | 167 | 977688 | 37.79 | ng | 99 |
| 73) Di-n-butylphthalate | 18.05 | 149 | 1191683 | 37.64 | ng | 99 |
| 74) Fluoranthene | 19.14 | 202 | 1000295 | 37.30 | ng | 98 |
| 76) Benzidine | 19.33 | 184 | 588763 | 35.79 | ng | 99 |
| 77) Pyrene | 19.50 | 202 | 1030748 | 38.16 | ng | 99 |
| 79) Butylbenzylphthalate | 20.40 | 149 | 540991 | 40.76 | ng | 98 |
| 80) Benzo(a)anthracene | 21.24 | 228 | 872195 | 38.04 | ng | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.18 | 252 | 303511 | 40.26 | ng | 98 |
| 82) Chrysene | 21.30 | 228 | 829885 | 37.49 | ng | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 729011 | 40.58 | ng | 98 |
| 84) Di-n-octyl phthalate | 22.04 | 149 | 1196466 | 40.87 | ng | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.80 | 276 | 919719 | 40.00 | ng | 98 |
| 87) Benzo(b)fluoranthene | 22.82 | 252 | 796207 | 36.84 | ng | 98 |
| 88) Benzo(k)fluoranthene | 22.86 | 252 | 817000 | 38.63 | ng | 98 |
| 89) Benzo(a)pyrene | 23.40 | 252 | 771815 | 38.11 | ng | 99 |
| 90) Dibenzo(a,h)anthracene | 25.80 | 278 | 758856 | 38.51 | ng | 99 |
| 91) Benzo(g,h,i)perylene | 26.49 | 276 | 758792 | 38.55 | ng | 99 |

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

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