Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076875.D
Acq On : 15 Jan 2015 9:52
Operator : IZ / TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Jan 15 13:03:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.02 | 152 | 33160 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.93 | 136 | 136047 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.07 | 164 | 71219 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.82 | 188 | 123261 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.31 | 240 | 126475 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 22.97 | 264 | 114195 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.09 | 112 | 169428 | 84.01 | ng | | 0.00 |
| 7) Phenol-d6 | 7.42 | 99 | 214791 | 84.42 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 211091 | 85.96 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.72 | 330 | 50664 | 87.64 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.59 | 172 | 415052 | 88.69 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.04 | 244 | 462986 | 84.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.32 | 88 | 35476 | 41.08 | ng | | 98 |
| 3) Pyridine | 1.80 | 79 | 96039 | 42.98 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 1.76 | 42 | 40101 | 36.23 | ng | | 89 |
| 6) Aniline | 7.30 | 93 | 141990 | 40.33 | ng | | 96 |
| 8) 2-Chlorophenol | 7.56 | 128 | 98792 | 42.49 | ng | | 98 |
| 9) Benzaldehyde | 7.03 | 77 | 51492 | 34.58 | ng | | 95 |
| 10) Phenol | 7.44 | 94 | 112261 | 41.55 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.56 | 93 | 88181 | 41.71 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.86 | 146 | 110682 | 41.84 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.06 | 146 | 115408 | 41.14 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.38 | 146 | 107644 | 41.65 | ng | | 97 |
| 15) Benzyl Alcohol | 8.45 | 79 | 85237 | 41.40 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80 | 45 | 113777 | 40.04 | ng | | 85 |
| 17) 2-Methylphenol | 8.79 | 107 | 76330 | 40.17 | ng | | 98 |
| 18) Hexachloroethane | 9.12 | 117 | 40763 | 41.78 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 9.08 | 70 | 71175 | 39.96 | ng | | 94 |
| 20) 3+4-Methylphenols | 9.18 | 107 | 102289 | 40.66 | ng | | 94 |
| 22) Acetophenone | 9.01 | 105 | 142679 | 42.82 | ng | | 96 |
| 24) Nitrobenzene | 9.36 | 77 | 107662 | 43.04 | ng | | 98 |
| 25) Isophorone | 9.96 | 82 | 187867 | 42.01 | ng | | 97 |
| 26) 2-Nitrophenol | 10.09 | 139 | 51682 | 40.14 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 10.37 | 122 | 81531 | 42.15 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.57 | 93 | 106717 | 41.98 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.70 | 162 | 77254 | 42.85 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.84 | 180 | 87185 | 43.54 | ng | | 94 |
| 31) Naphthalene | 10.97 | 128 | 294806 | 42.09 | ng | | 99 |
| 32) Benzoic acid | 10.72 | 122 | 44851m | 41.85 | ng | | |
| 33) 4-Chloroaniline | 11.21 | 127 | 119692 | 42.29 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.34 | 225 | 51267 | 43.15 | ng | | 97 |
| 35) Caprolactam | 12.06 | 113 | 20642 | 38.89 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 12.52 | 107 | 87177 | 42.23 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 204168 | 42.68 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 76556 | 43.48 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 13.02 | 237 | 37927 | 41.12 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.39 | 196 | 56462 | 44.01 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 13.47 | 196 | 54534 | 41.68 | ng | | 94 |
| 45) 1,1'-Biphenyl | 13.79 | 154 | 232787 | 44.09 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.76 | 162 | 188090 | 43.29 | ng | | 96 |
| 47) 2-Nitroaniline | 14.11 | 65 | 57529 | 43.65 | ng | | 91 |
| 48) Acenaphthylene | 14.72 | 152 | 314919 | 42.97 | ng | | 100 |
| 49) Dimethylphthalate | 14.65 | 163 | 216582 | 42.88 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 14.76 | 165 | 44764 | 44.36 | ng | | 94 |
| 51) Acenaphthene | 15.15 | 154 | 177169 | 42.61 | ng | | 95 |
| 52) 3-Nitroaniline | 15.10 | 138 | 54805 | 41.37 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 15.39 | 184 | 14040 | 32.02 | ng | | 97 |
| 54) Dibenzofuran | 15.57 | 168 | 263408 | 43.49 | ng | | 99 |
| 55) 4-Nitrophenol | 15.68 | 139 | 32770 | 41.39 | ng | | 98 |
| 56) 2,4-Dinitrotoluene | 15.68 | 165 | 61906 | 40.67 | ng | | 96 |
| 57) Fluorene | 16.28 | 166 | 227924 | 44.41 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.89 | 232 | 41692 | 43.76 | ng | # | 95 |
| 59) Diethylphthalate | 16.27 | 149 | 230935 | 45.24 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 16.36 | 204 | 91364 | 43.52 | ng | | 95 |
| 61) 4-Nitroaniline | 16.40 | 138 | 54330 | 42.54 | ng | | 95 |
| 62) Azobenzene | 16.64 | 77 | 240234 | 45.17 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 16.47 | 198 | 31337 | 39.17 | ng | | 78 |
| 65) n-Nitrosodiphenylamine | 16.60 | 169 | 181871 | 41.38 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 17.19 | 248 | 52611 | 42.13 | ng | | 96 |
| 67) Hexachlorobenzene | 17.21 | 284 | 55899 | 42.48 | ng | | 92 |
| 68) Atrazine | 17.56 | 200 | 60764 | 45.56 | ng | | 99 |
| 69) Pentachlorophenol | 17.57 | 266 | 21973 | 37.94 | ng | | 96 |
| 70) Phenanthrene | 17.85 | 178 | 325718 | 42.37 | ng | | 99 |
| 71) Anthracene | 17.92 | 178 | 315312 | 42.07 | ng | | 99 |
| 72) Carbazole | 18.21 | 167 | 315377 | 43.38 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.79 | 149 | 381392 | 45.32 | ng | | 98 |
| 74) Fluoranthene | 19.49 | 202 | 343676 | 43.63 | ng | | 98 |
| 76) Benzidine | 19.72 | 184 | 154452 | 38.16 | ng | | 99 |
| 77) Pyrene | 19.77 | 202 | 354853 | 40.94 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.70 | 149 | 173011 | 44.07 | ng | | 98 |
| 80) Benzo(a)anthracene | 21.29 | 228 | 324099 | 40.84 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.31 | 252 | 105105 | 41.68 | ng | # | 98 |
| 82) Chrysene | 21.34 | 228 | 307700 | 42.52 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.43 | 149 | 255471 | 47.04 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 22.21 | 149 | 453943m | 48.16 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 24.11 | 276 | 341329m | 44.51 | ng | | |
| 87) Benzo(b)fluoranthene | 22.55 | 252 | 361359 | 46.98 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 22.59 | 252 | 256086m | 38.11 | ng | | |
| 89) Benzo(a)pyrene | 22.91 | 252 | 293973 | 43.33 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 24.13 | 278 | 272983 | 43.85 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 24.40 | 276 | 273629 | 44.22 | ng | # | 94 |

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

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