Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079720.D
Acq On : 5 Jun 2015 1:20
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Jun 06 03:31:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:33:57 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 105053 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.80 | 136 | 411415 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.58 | 164 | 213635 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.08 | 188 | 426935 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.98 | 240 | 464181 | 20.00 | ng | | -0.18 |
| 86) Perylene-d12 | 16.91 | 264 | 446065 | 20.00 | ng | | -0.25 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.12 | 112 | 485672 | 79.27 | ng | | 0.00 |
| 7) Phenol-d6 | 7.10 | 99 | 616639 | 77.32 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.07 | 82 | 579066 | 85.70 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.37 | 330 | 153254 | 79.88 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.87 | 172 | 1132098 | 76.72 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.74 | 244 | 1505267 | 76.40 | ng | | -0.09 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.59 | 88 | 105806 | 38.23 | ng | | 98 |
| 3) Pyridine | 4.30 | 79 | 311753 | 40.23 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 4.22 | 42 | 141832 | 39.11 | ng | | 88 |
| 6) Aniline | 7.16 | 93 | 461711 | 41.58 | ng | | 99 |
| 8) 2-Chlorophenol | 7.29 | 128 | 280377 | 39.91 | ng | | 99 |
| 9) Benzaldehyde | 7.05 | 77 | 206338 | 41.14 | ng | | 98 |
| 10) Phenol | 7.12 | 94 | 320704 | 38.79 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.22 | 93 | 288654 | 42.05 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.45 | 146 | 317875 | 39.79 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.53 | 146 | 339849 | 39.85 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.69 | 146 | 300335 | 39.91 | ng | | 99 |
| 15) Benzyl Alcohol | 7.63 | 79 | 243625 | 40.48 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.77 | 45 | 462177 | 40.68 | ng | | 100 |
| 17) 2-Methylphenol | 7.72 | 107 | 229631 | 39.98 | ng | # | 92 |
| 18) Hexachloroethane | 8.03 | 117 | 110405 | 41.20 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.90 | 70 | 231722 | 42.00 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.88 | 107 | 317345 | 40.46 | ng | | 100 |
| 22) Acetophenone | 7.91 | 105 | 415573 | 41.47 | ng | # | 98 |
| 24) Nitrobenzene | 8.08 | 77 | 281399 | 40.28 | ng | | 98 |
| 25) Isophorone | 8.32 | 82 | 592766 | 39.94 | ng | | 100 |
| 26) 2-Nitrophenol | 8.40 | 139 | 105109 | 40.46 | ng | # | 66 |
| 27) 2,4-Dimethylphenol | 8.42 | 122 | 268037 | 39.78 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.51 | 93 | 317202 | 38.33 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.64 | 162 | 237972 | 41.12 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.74 | 180 | 276195 | 39.69 | ng | | 99 |
| 31) Naphthalene | 8.82 | 128 | 884320 | 39.01 | ng | | 99 |
| 32) Benzoic acid | 8.49 | 122 | 96453 | 38.65 | ng | | 99 |
| 33) 4-Chloroaniline | 8.86 | 127 | 360204m | 40.00 | ng | | |
| 34) Hexachlorobutadiene | 8.94 | 225 | 159972 | 39.56 | ng | | 100 |
| 35) Caprolactam | 9.20 | 113 | 71086 | 40.52 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 9.31 | 107 | 235908 | 38.79 | ng | # | 75 |
| 37) 2-Methylnaphthalene | 9.52 | 142 | 616437 | 40.30 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.69 | 216 | 274256 | 39.75 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.68 | 237 | 135680 | 41.14 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.79 | 196 | 171610 | 40.28 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.83 | 196 | 202774 | 41.54 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.98 | 154 | 665295 | 38.90 | ng | | 94 |
| 46) 2-Chloronaphthalene | 10.01 | 162 | 560153 | 40.10 | ng | | 99 |
| 47) 2-Nitroaniline | 10.09 | 65 | 129750 | 42.57 | ng | | 95 |
| 48) Acenaphthylene | 10.43 | 152 | 941659 | 39.40 | ng | | 99 |
| 49) Dimethylphthalate | 10.26 | 163 | 651548 | 39.59 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 10.33 | 165 | 122154 | 39.86 | ng | | 97 |
| 51) Acenaphthene | 10.62 | 154 | 557282 | 39.62 | ng | | 99 |
| 52) 3-Nitroaniline | 10.50 | 138 | 141470 | 42.60 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 10.60 | 184 | 26841 | 41.44 | ng | | 71 |
| 54) Dibenzofuran | 10.79 | 168 | 793546 | 39.36 | ng | | 98 |
| 55) 4-Nitrophenol | 10.64 | 139 | 120776 | 43.12 | ng | | 97 |
| 56) 2,4-Dinitrotoluene | 10.74 | 165 | 146844 | 42.11 | ng | | 97 |
| 57) Fluorene | 11.13 | 166 | 664544 | 38.58 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.89 | 232 | 147606 | 40.79 | ng | | 100 |
| 59) Diethylphthalate | 10.97 | 149 | 670542 | 40.48 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.11 | 204 | 301073 | 39.70 | ng | | 98 |
| 61) 4-Nitroaniline | 11.12 | 138 | 139322 | 40.13 | ng | | 100 |
| 62) Azobenzene | 11.27 | 77 | 631193 | 40.03 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 11.15 | 198 | 50121 | 43.46 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 11.22 | 169 | 547690 | 40.78 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.61 | 248 | 204608 | 45.26 | ng | # | 90 |
| 67) Hexachlorobenzene | 11.69 | 284 | 207358 | 40.64 | ng | # | 68 |
| 68) Atrazine | 11.74 | 200 | 175651 | 38.87 | ng | | 93 |
| 69) Pentachlorophenol | 11.87 | 266 | 93156 | 38.17 | ng | | 99 |
| 70) Phenanthrene | 12.11 | 178 | 1030146 | 41.48 | ng | | 100 |
| 71) Anthracene | 12.16 | 178 | 988514 | 40.22 | ng | | 97 |
| 72) Carbazole | 12.31 | 167 | 977553 | 42.68 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.63 | 149 | 1077581 | 39.56 | ng | # | 80 |
| 74) Fluoranthene | 13.35 | 202 | 1091432 | 40.51 | ng | | 97 |
| 76) Benzidine | 13.46 | 184 | 611618 | 43.78 | ng | | 99 |
| 77) Pyrene | 13.60 | 202 | 1117843 | 38.76 | ng | | 99 |
| 79) Butylbenzylphthalate | 14.26 | 149 | 466397 | 41.94 | ng | # | 77 |
| 80) Benzo(a)anthracene | 14.97 | 228 | 1117078 | 39.37 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.90 | 252 | 380255 | 38.95 | ng | # | 98 |
| 82) Chrysene | 15.02 | 228 | 1041584 | 39.22 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.93 | 149 | 723319 | 41.45 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 15.71 | 149 | 1199667 | 40.97 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 18.93 | 276 | 1171358 | 39.09 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 16.33 | 252 | 1068196m | 37.12 | ng | | |
| 88) Benzo(k)fluoranthene | 16.38 | 252 | 1077537 | 39.25 | ng | | 98 |
| 89) Benzo(a)pyrene | 16.83 | 252 | 1005148 | 38.24 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 18.95 | 278 | 941835 | 38.78 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 19.53 | 276 | 974454 | 39.24 | ng | | 99 |

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

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