Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079037.D
Acq On : 8 May 2015 14:48
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 08 22:58:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 22:44:53 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.32 | 152 | 70783 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.90 | 136 | 292270 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.07 | 164 | 135025 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.93 | 188 | 251333 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 16.25 | 240 | 240923 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 18.08 | 264 | 245225 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 340891 | 82.90 | ng | | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 449460 | 82.69 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.01 | 82 | 415207 | 81.65 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.06 | 330 | 118967 | 81.44 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.25 | 172 | 818877 | 84.49 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.93 | 244 | 859585 | 85.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.27 | 88 | 73548 | 41.14 | ng | # | 19 |
| 3) Pyridine | 3.03 | 79 | 208322 | 39.81 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 2.95 | 42 | 84348 | 37.62 | ng | # | 85 |
| 6) Aniline | 6.91 | 93 | 315828 | 41.17 | ng | | 96 |
| 8) 2-Chlorophenol | 7.05 | 128 | 191887 | 41.14 | ng | | 92 |
| 9) Benzaldehyde | 6.78 | 77 | 142773 | 38.99 | ng | | 99 |
| 10) Phenol | 6.90 | 94 | 265404 | 42.09 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.02 | 93 | 182382 | 39.46 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 7.24 | 146 | 208669 | 39.81 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.35 | 146 | 215815 | 40.00 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.53 | 146 | 203793 | 40.58 | ng | | 99 |
| 15) Benzyl Alcohol | 7.51 | 79 | 168184 | 41.68 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.68 | 45 | 276079 | 39.04 | ng | | 100 |
| 17) 2-Methylphenol | 7.64 | 107 | 150363 | 40.06 | ng | | 96 |
| 18) Hexachloroethane | 7.94 | 117 | 71878 | 38.68 | ng | # | 81 |
| 19) n-Nitroso-di-n-propylamine | 7.84 | 70 | 150032 | 40.87 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.84 | 107 | 204070 | 40.81 | ng | # | 56 |
| 22) Acetophenone | 7.83 | 105 | 260939 | 39.52 | ng | # | 96 |
| 24) Nitrobenzene | 8.03 | 77 | 195956 | 38.87 | ng | | 97 |
| 25) Isophorone | 8.34 | 82 | 382300 | 40.55 | ng | # | 90 |
| 26) 2-Nitrophenol | 8.43 | 139 | 97517 | 46.74 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 8.49 | 122 | 171945 | 41.18 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.62 | 93 | 242996 | 41.81 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.73 | 162 | 160499 | 43.23 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.83 | 180 | 164671 | 40.38 | ng | | 97 |
| 31) Naphthalene | 8.92 | 128 | 560825 | 40.27 | ng | | 99 |
| 32) Benzoic acid | 8.60 | 122 | 108835 | 42.46 | ng | | 93 |
| 33) 4-Chloroaniline | 9.00 | 127 | 241278 | 40.95 | ng | # | 92 |
| 34) Hexachlorobutadiene | 9.08 | 225 | 88760 | 37.79 | ng | | 99 |
| 35) Caprolactam | 9.43 | 113 | 49606 | 41.32 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 9.61 | 107 | 166499 | 42.70 | ng | | 85 |
| 37) 2-Methylnaphthalene | 9.78 | 142 | 376058 | 38.97 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.99 | 216 | 153891 | 40.47 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 9.98 | 237 | 62631 | 32.75 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 10.14 | 196 | 112344 | 42.97 | ng | | 94 |
| 43) 2,4,5-Trichlorophenol | 10.18 | 196 | 116417 | 44.04 | ng | | 97 |
| 45) 1,1'-Biphenyl | 10.37 | 154 | 437988 | 40.80 | ng | | 99 |
| 46) 2-Chloronaphthalene | 10.39 | 162 | 341750 | 40.82 | ng | | 99 |
| 47) 2-Nitroaniline | 10.51 | 65 | 103446 | 42.64 | ng | | 89 |
| 48) Acenaphthylene | 10.90 | 152 | 577192 | 41.99 | ng | | 100 |
| 49) Dimethylphthalate | 10.75 | 163 | 398658 | 40.23 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.83 | 165 | 81104 | 41.47 | ng | # | 63 |
| 51) Acenaphthene | 11.12 | 154 | 332254 | 40.53 | ng | | 99 |
| 52) 3-Nitroaniline | 11.03 | 138 | 101986 | 41.75 | ng | # | 81 |
| 53) 2,4-Dinitrophenol | 11.17 | 184 | 23377 | 42.06 | ng | | 92 |
| 54) Dibenzofuran | 11.34 | 168 | 492592 | 41.60 | ng | | 96 |
| 55) 4-Nitrophenol | 11.25 | 139 | 79198 | 40.96 | ng | | 89 |
| 56) 2,4-Dinitrotoluene | 11.33 | 165 | 107543 | 41.60 | ng | | 85 |
| 57) Fluorene | 11.76 | 166 | 397991 | 40.95 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.49 | 232 | 85233 | 39.46 | ng | # | 100 |
| 59) Diethylphthalate | 11.63 | 149 | 394438 | 40.18 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.77 | 204 | 167838 | 38.92 | ng | | 92 |
| 61) 4-Nitroaniline | 11.78 | 138 | 103607 | 42.39 | ng | | 91 |
| 62) Azobenzene | 11.97 | 77 | 388816 | 40.19 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 11.83 | 198 | 43294 | 43.11 | ng | | 87 |
| 65) n-Nitrosodiphenylamine | 11.92 | 169 | 340605 | 40.69 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.38 | 248 | 105648 | 40.33 | ng | | 91 |
| 67) Hexachlorobenzene | 12.43 | 284 | 118498 | 39.58 | ng | | 97 |
| 68) Atrazine | 12.58 | 200 | 96440 | 39.62 | ng | | 98 |
| 69) Pentachlorophenol | 12.69 | 266 | 47771 | 31.78 | ng | | 97 |
| 70) Phenanthrene | 12.96 | 178 | 563385 | 40.07 | ng | | 99 |
| 71) Anthracene | 13.02 | 178 | 563687 | 40.87 | ng | | 100 |
| 72) Carbazole | 13.22 | 167 | 541276 | 41.17 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.67 | 149 | 634130 | 40.22 | ng | | 99 |
| 74) Fluoranthene | 14.43 | 202 | 584777 | 39.91 | ng | | 97 |
| 76) Benzidine | 14.62 | 184 | 350547 | 53.99 | ng | | 98 |
| 77) Pyrene | 14.72 | 202 | 608966 | 43.86 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.54 | 149 | 268305 | 44.21 | ng | | 95 |
| 80) Benzo(a)anthracene | 16.23 | 228 | 547827 | 41.52 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 16.21 | 252 | 205124 | 43.65 | ng | # | 97 |
| 82) Chrysene | 16.29 | 228 | 511962 | 40.35 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 16.29 | 149 | 376158 | 40.92 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 17.12 | 149 | 657551 | 40.62 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 19.58 | 276 | 679472 | 42.03 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.60 | 252 | 608412 | 45.33 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 17.63 | 252 | 468696 | 36.07 | ng | | 98 |
| 89) Benzo(a)pyrene | 18.01 | 252 | 522545 | 42.28 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 19.61 | 278 | 537667 | 40.93 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 20.02 | 276 | 552042 | 41.93 | ng | | 98 |

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

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