Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
Data File : BF078757.D
Acq On : 23 Apr 2015 19:35
Operator : TP/IZ
Sample : G1991-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-75DMS

Quant Time: Apr 24 11:20:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 00:49:54 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.76 | 152 | 26187 | 20.00 | ng | | 0.01 |
| 21) Naphthalene-d8 | 7.92 | 136 | 108520 | 20.00 | ng | | 0.01 |
| 38) Acenaphthene-d10 | 11.10 | 164 | 55575 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 13.83 | 188 | 108362 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 17.71 | 240 | 118327 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 19.42 | 264 | 120515 | 20.00 | ng | | -0.08 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 3.77 | 112 | 198183 | 124.78 | ng | | 0.00 |
| 7) Phenol-d6 | 5.27 | 99 | 262952 | 132.11 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 6.70 | 82 | 150981 | 84.33 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.57 | 330 | 65279 | 141.63 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.93 | 172 | 287448 | 73.93 | ng | | 0.00 |
| 78) Terphenyl-d14 | 16.38 | 244 | 317005 | 60.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.34 | 88 | 23365 | 32.53 | ng | | 99 |
| 3) Pyridine | 1.83 | 79 | 59429 | 31.59 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 1.78 | 42 | 30816 | 42.55 | ng | | 92 |
| 6) Aniline | 5.24 | 93 | 61597 | 21.82 | ng | # | 86 |
| 8) 2-Chlorophenol | 5.42 | 128 | 79646 | 42.41 | ng | | 98 |
| 9) Benzaldehyde | 5.06 | 77 | 8643 | 6.55 | ng | | 95 |
| 10) Phenol | 5.28 | 94 | 99292 | 41.63 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 5.39 | 93 | 68717 | 40.07 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 5.66 | 146 | 79360 | 38.47 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 5.78 | 146 | 81663 | 39.33 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.01 | 146 | 77549 | 39.83 | ng | | 99 |
| 15) Benzyl Alcohol | 6.03 | 79 | 66335 | 47.42 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.27 | 45 | 92030 | 40.23 | ng | | 64 |
| 17) 2-Methylphenol | 6.26 | 107 | 61794 | 42.38 | ng | | 95 |
| 18) Hexachloroethane | 6.56 | 117 | 26990 | 38.54 | ng | # | 80 |
| 19) n-Nitroso-di-n-propylamine | 6.49 | 70 | 54827 | 41.75 | ng | | 92 |
| 20) 3+4-Methylphenols | 6.54 | 107 | 81995 | 42.15 | ng | | 96 |
| 22) Acetophenone | 6.46 | 105 | 110028 | 43.52 | ng | # | 92 |
| 24) Nitrobenzene | 6.73 | 77 | 79850 | 42.66 | ng | | 89 |
| 25) Isophorone | 7.15 | 82 | 143146 | 42.13 | ng | # | 92 |
| 26) 2-Nitrophenol | 7.28 | 139 | 38175 | 42.80 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.44 | 122 | 69491 | 41.90 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.60 | 93 | 89087 | 40.89 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.72 | 162 | 66158 | 43.85 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.84 | 180 | 66477 | 38.43 | ng | | 98 |
| 31) Naphthalene | 7.95 | 128 | 221657 | 39.24 | ng | | 99 |
| 32) Benzoic acid | 7.63 | 122 | 7342m | 14.07 | ng | | |
| 33) 4-Chloroaniline | 8.11 | 127 | 57554 | 24.56 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.20 | 225 | 36810 | 38.75 | ng | | 96 |
| 35) Caprolactam | 8.74 | 113 | 20555 | 45.64 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 9.07 | 107 | 68778 | 45.18 | ng | | 94 |
| 37) 2-Methylnaphthalene | 9.21 | 142 | 152880 | 39.87 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.52 | 216 | 65432 | 38.00 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.51 | 237 | 28665 | 42.19 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.77 | 196 | 45716 | 42.10 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.85 | 196 | 47393 | 41.77 | ng | # | 92 |
| 45) 1,1'-Biphenyl | 10.09 | 154 | 178427 | 39.25 | ng | | 98 |
| 46) 2-Chloronaphthalene | 10.09 | 162 | 137867 | 38.55 | ng | | 97 |
| 47) 2-Nitroaniline | 10.33 | 65 | 40873 | 46.19 | ng | | 89 |
| 48) Acenaphthylene | 10.83 | 152 | 227509 | 39.39 | ng | | 100 |
| 49) Dimethylphthalate | 10.74 | 163 | 190788 | 45.70 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 10.83 | 165 | 36821 | 42.86 | ng | # | 53 |
| 51) Acenaphthene | 11.15 | 154 | 130428 | 40.11 | ng | | 100 |
| 52) 3-Nitroaniline | 11.11 | 138 | 35988 | 36.84 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 11.34 | 184 | 6039 | 29.42 | ng | | 89 |
| 54) Dibenzofuran | 11.48 | 168 | 206869 | 41.65 | ng | | 98 |
| 55) 4-Nitrophenol | 11.54 | 139 | 52711 | 73.52 | ng | | 85 |
| 56) 2,4-Dinitrotoluene | 11.57 | 165 | 50006 | 44.95 | ng | # | 80 |
| 57) Fluorene | 12.11 | 166 | 168996 | 41.98 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.76 | 232 | 35415 | 42.10 | ng | | 97 |
| 59) Diethylphthalate | 12.06 | 149 | 169941 | 42.21 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 12.18 | 204 | 75415 | 40.72 | ng | # | 88 |
| 61) 4-Nitroaniline | 12.23 | 138 | 35911 | 36.37 | ng | | 95 |
| 62) Azobenzene | 12.47 | 77 | 156891 | 42.70 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 12.32 | 198 | 11432 | 26.02 | ng | # | 65 |
| 65) n-Nitrosodiphenylamine | 12.41 | 169 | 145217 | 38.74 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 13.07 | 248 | 46307 | 40.35 | ng | | 93 |
| 67) Hexachlorobenzene | 13.11 | 284 | 46921 | 37.31 | ng | # | 87 |
| 68) Atrazine | 13.50 | 200 | 55681 | 51.29 | ng | | 99 |
| 69) Pentachlorophenol | 13.53 | 266 | 35357 | 65.01 | ng | | 95 |
| 70) Phenanthrene | 13.87 | 178 | 251628 | 40.14 | ng | | 100 |
| 71) Anthracene | 13.97 | 178 | 249354 | 40.37 | ng | | 99 |
| 72) Carbazole | 14.31 | 167 | 248380 | 42.91 | ng | | 99 |
| 73) Di-n-butylphthalate | 14.99 | 149 | 274621 | 41.88 | ng | | 100 |
| 74) Fluoranthene | 15.77 | 202 | 275912 | 41.74 | ng | | 95 |
| 76) Benzidine | 16.03 | 184 | 164210 | 36.04 | ng | | 98 |
| 77) Pyrene | 16.08 | 202 | 285668 | 38.46 | ng | | 98 |
| 79) Butylbenzylphthalate | 17.07 | 149 | 124941 | 44.13 | ng | | 99 |
| 80) Benzo(a)anthracene | 17.70 | 228 | 265254 | 37.68 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 17.71 | 252 | 89210 | 37.83 | ng | | 100 |
| 82) Chrysene | 17.75 | 228 | 256323 | 38.75 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 17.85 | 149 | 182549 | 41.11 | ng | | 99 |
| 84) Di-n-octyl phthalate | 18.63 | 149 | 329184 | 45.15 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 20.57 | 276 | 300625m | 40.05 | ng | | |
| 87) Benzo(b)fluoranthene | 18.99 | 252 | 276416 | 37.11 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 19.03 | 252 | 255330m | 38.58 | ng | | |
| 89) Benzo(a)pyrene | 19.35 | 252 | 259495 | 39.92 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 20.59 | 278 | 252600m | 38.81 | ng | | |
| 91) Benzo(g,h,i)perylene | 20.88 | 276 | 249765m | 38.28 | ng | | |

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

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