Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079057.D
Acq On : 9 May 2015 00:27
Operator : TP/IZ
Sample : PB83273BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83273BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:44:25 PM

Quant Time: May 09 01:17:17 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 | 71198 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.90 | 136 | 293812 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.07 | 164 | 144124 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.91 | 188 | 267058 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 16.22 | 240 | 256947 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 17.93 | 264 | 258938 | 20.00 | ng | | -0.15 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 552887 | 133.67 | ng | | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 705076 | 128.96 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.01 | 82 | 399036 | 78.05 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.06 | 330 | 204666 | 131.27 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.24 | 172 | 798362 | 77.18 | ng | | -0.01 |
| 78) Terphenyl-d14 | 14.91 | 244 | 903033 | 84.14 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.31 | 88 | 68968 | 38.35 | ng | # | 24 |
| 3) Pyridine | 3.05 | 79 | 204818 | 38.92 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 2.97 | 42 | 90255m | 40.02 | ng | | |
| 6) Aniline | 6.91 | 93 | 184231 | 23.87 | ng | | 98 |
| 8) 2-Chlorophenol | 7.05 | 128 | 202108 | 43.08 | ng | | 97 |
| 9) Benzaldehyde | 6.76 | 77 | 107039 | 29.06 | ng | | 91 |
| 10) Phenol | 6.90 | 94 | 264157 | 41.65 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.00 | 93 | 186132 | 40.03 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.24 | 146 | 218177 | 41.38 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 7.35 | 146 | 217387 | 40.06 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.53 | 146 | 207929 | 41.16 | ng | | 97 |
| 15) Benzyl Alcohol | 7.50 | 79 | 166125 | 40.93 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.68 | 45 | 293768 | 41.30 | ng | | 99 |
| 17) 2-Methylphenol | 7.64 | 107 | 169265 | 44.84 | ng | | 98 |
| 18) Hexachloroethane | 7.94 | 117 | 76921 | 41.15 | ng | # | 87 |
| 19) n-Nitroso-di-n-propylamine | 7.83 | 70 | 145101 | 39.29 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.84 | 107 | 219469 | 43.63 | ng | # | 50 |
| 22) Acetophenone | 7.83 | 105 | 288281 | 43.43 | ng | | 96 |
| 24) Nitrobenzene | 8.03 | 77 | 207542 | 40.96 | ng | | 95 |
| 25) Isophorone | 8.33 | 82 | 376049 | 39.68 | ng | | 98 |
| 26) 2-Nitrophenol | 8.43 | 139 | 99466 | 47.42 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 8.49 | 122 | 194985 | 46.46 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.62 | 93 | 237265 | 40.61 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.73 | 162 | 168673 | 45.20 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 8.83 | 180 | 169559 | 41.36 | ng | | 97 |
| 31) Naphthalene | 8.92 | 128 | 603406 | 43.10 | ng | | 99 |
| 32) Benzoic acid | 8.59 | 122 | 100999 | 39.68 | ng | | 96 |
| 33) 4-Chloroaniline | 8.99 | 127 | 129335 | 21.83 | ng | | 99 |
| 34) Hexachlorobutadiene | 9.07 | 225 | 91902 | 38.93 | ng | | 96 |
| 35) Caprolactam | 9.43 | 113 | 55244 | 45.78 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 9.60 | 107 | 179644 | 45.83 | ng | | 97 |
| 37) 2-Methylnaphthalene | 9.78 | 142 | 402228 | 41.46 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.99 | 216 | 161521 | 39.79 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 9.98 | 237 | 165907 | 81.28 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 10.14 | 196 | 117683 | 42.17 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 10.18 | 196 | 125617 | 44.52 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 10.36 | 154 | 486887 | 42.49 | ng | | 98 |
| 46) 2-Chloronaphthalene | 10.39 | 162 | 381233 | 42.66 | ng | | 96 |
| 47) 2-Nitroaniline | 10.51 | 65 | 111875 | 43.20 | ng | | 96 |
| 48) Acenaphthylene | 10.90 | 152 | 622113 | 42.40 | ng | | 99 |
| 49) Dimethylphthalate | 10.75 | 163 | 445766 | 42.14 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 10.82 | 165 | 89825 | 43.03 | ng | | 94 |
| 51) Acenaphthene | 11.12 | 154 | 352642 | 40.30 | ng | | 98 |
| 52) 3-Nitroaniline | 11.03 | 138 | 78118 | 29.96 | ng | # | 97 |
| 53) 2,4-Dinitrophenol | 11.16 | 184 | 66944 | 77.31 | ng | # | 75 |
| 54) Dibenzofuran | 11.32 | 168 | 532354 | 42.12 | ng | | 97 |
| 55) 4-Nitrophenol | 11.24 | 139 | 188490 | 91.33 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 11.32 | 165 | 129395 | 46.89 | ng | # | 72 |
| 57) Fluorene | 11.76 | 166 | 437929 | 42.21 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.48 | 232 | 96913 | 42.04 | ng | # | 100 |
| 59) Diethylphthalate | 11.63 | 149 | 445598 | 42.52 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.76 | 204 | 187762 | 40.80 | ng | | 90 |
| 61) 4-Nitroaniline | 11.78 | 138 | 105728 | 40.53 | ng | | 92 |
| 62) Azobenzene | 11.95 | 77 | 437966 | 42.42 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 11.83 | 198 | 47730 | 44.27 | ng | # | 63 |
| 65) n-Nitrosodiphenylamine | 11.91 | 169 | 373452 | 41.99 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.36 | 248 | 117147 | 42.08 | ng | # | 83 |
| 67) Hexachlorobenzene | 12.43 | 284 | 137783 | 43.31 | ng | # | 82 |
| 68) Atrazine | 12.58 | 200 | 120227 | 46.49 | ng | | 98 |
| 69) Pentachlorophenol | 12.69 | 266 | 125338 | 68.42 | ng | | 98 |
| 70) Phenanthrene | 12.95 | 178 | 641060 | 42.91 | ng | | 100 |
| 71) Anthracene | 13.02 | 178 | 651705 | 44.46 | ng | | 100 |
| 72) Carbazole | 13.22 | 167 | 620773 | 44.44 | ng | | 98 |
| 73) Di-n-butylphthalate | 13.67 | 149 | 743070 | 44.35 | ng | # | 97 |
| 74) Fluoranthene | 14.43 | 202 | 665726 | 42.76 | ng | | 91 |
| 76) Benzidine | 14.61 | 184 | 332523 | 48.02 | ng | | 98 |
| 77) Pyrene | 14.71 | 202 | 701172 | 47.36 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.53 | 149 | 315824 | 48.80 | ng | | 91 |
| 80) Benzo(a)anthracene | 16.19 | 228 | 624861 | 44.41 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 16.17 | 252 | 146270 | 29.18 | ng | # | 98 |
| 82) Chrysene | 16.24 | 228 | 573330 | 42.36 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 16.25 | 149 | 461973 | 47.12 | ng | | 100 |
| 84) Di-n-octyl phthalate | 17.03 | 149 | 805666 | 46.66 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 19.42 | 276 | 734888 | 42.62 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.49 | 252 | 711363 | 50.19 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 17.52 | 252 | 517146m | 37.69 | ng | | |
| 89) Benzo(a)pyrene | 17.87 | 252 | 601460 | 46.09 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 19.44 | 278 | 593139 | 42.77 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 19.86 | 276 | 604838 | 43.51 | ng | | 98 |

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

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