Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079482.D
Acq On : 26 May 2015 17:49
Operator : TP/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
apatel
5/27/2015 2:00:35 PM

Quant Time: May 26 18:58:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 18:36:44 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.02 | 152 | 88349 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.59 | 136 | 368987 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.76 | 164 | 181858 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.60 | 188 | 341535 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 15.89 | 240 | 330678 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 17.63 | 264 | 355234 | 20.00 | ng | | 0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 487946m | 94.55 | ng | | 0.00 |
| 7) Phenol-d6 | 6.62 | 99 | 626432 | 91.57 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.72 | 82 | 631919 | 97.58 | ng | | 0.01 |
| 41) 2,4,6-Tribromophenol | 11.75 | 330 | 194378 | 97.95 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.94 | 172 | 1108864 | 84.24 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.59 | 244 | 1262283 | 89.97 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.85 | 88 | 115899m | 50.68 | ng | | |
| 3) Pyridine | 2.49 | 79 | 266004m | 41.18 | ng | | |
| 4) n-Nitrosodimethylamine | 2.43 | 42 | 132547m | 47.99 | ng | | |
| 6) Aniline | 6.60 | 93 | 431577m | 45.09 | ng | | |
| 8) 2-Chlorophenol | 6.75 | 128 | 287380 | 48.27 | ng | | 97 |
| 9) Benzaldehyde | 6.47 | 77 | 169690 | 37.89 | ng | | 99 |
| 10) Phenol | 6.63 | 94 | 367386 | 46.32 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 6.72 | 93 | 268964 | 46.14 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.94 | 146 | 308365 | 46.48 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.04 | 146 | 319053 | 46.87 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.22 | 146 | 293171 | 46.36 | ng | | 98 |
| 15) Benzyl Alcohol | 7.22 | 79 | 227354 | 45.02 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.39 | 45 | 380861 | 43.22 | ng | | 99 |
| 17) 2-Methylphenol | 7.37 | 107 | 222483 | 46.84 | ng | | 98 |
| 18) Hexachloroethane | 7.63 | 117 | 110430 | 47.20 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.55 | 70 | 223762 | 48.93 | ng | # | 89 |
| 20) 3+4-Methylphenols | 7.58 | 107 | 310650 | 49.16 | ng | | 99 |
| 22) Acetophenone | 7.54 | 105 | 387814 | 46.13 | ng | # | 89 |
| 24) Nitrobenzene | 7.75 | 77 | 299972 | 46.71 | ng | # | 82 |
| 25) Isophorone | 8.04 | 82 | 567266 | 47.36 | ng | | 98 |
| 26) 2-Nitrophenol | 8.14 | 139 | 152195 | 56.33 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 8.22 | 122 | 260536 | 48.99 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 8.33 | 93 | 353518 | 48.09 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.44 | 162 | 236957 | 49.83 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.54 | 180 | 244324 | 47.06 | ng | # | 93 |
| 31) Naphthalene | 8.63 | 128 | 838994 | 47.19 | ng | | 99 |
| 32) Benzoic acid | 8.36 | 122 | 154109 | 49.63 | ng | | 96 |
| 33) 4-Chloroaniline | 8.71 | 127 | 357507 | 47.40 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.78 | 225 | 137681 | 45.90 | ng | | 99 |
| 35) Caprolactam | 9.15 | 113 | 78393 | 50.93 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 9.34 | 107 | 243868 | 49.35 | ng | # | 76 |
| 37) 2-Methylnaphthalene | 9.48 | 142 | 593292 | 48.29 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.69 | 216 | 237317 | 45.75 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 9.67 | 237 | 62228 | 26.65 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.84 | 196 | 166334 | 46.71 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.90 | 196 | 170691 | 47.70 | ng | | 96 |
| 45) 1,1'-Biphenyl | 10.07 | 154 | 681715 | 46.58 | ng | | 99 |
| 46) 2-Chloronaphthalene | 10.08 | 162 | 513592 | 44.71 | ng | | 98 |
| 47) 2-Nitroaniline | 10.23 | 65 | 167169 | 50.63 | ng | # | 51 |
| 48) Acenaphthylene | 10.59 | 152 | 878151 | 46.77 | ng | | 99 |
| 49) Dimethylphthalate | 10.46 | 163 | 616534 | 45.63 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.54 | 165 | 139952 | 52.47 | ng | # | 87 |
| 51) Acenaphthene | 10.80 | 154 | 489686 | 44.20 | ng | | 100 |
| 52) 3-Nitroaniline | 10.74 | 138 | 173906 | 52.00 | ng | # | 74 |
| 53) 2,4-Dinitrophenol | 10.88 | 184 | 44820 | 59.40 | ng | | 93 |
| 54) Dibenzofuran | 11.02 | 168 | 720384 | 44.82 | ng | | 99 |
| 55) 4-Nitrophenol | 10.98 | 139 | 91409m | 36.86 | ng | | |
| 56) 2,4-Dinitrotoluene | 11.03 | 165 | 178895 | 50.67 | ng | | 92 |
| 57) Fluorene | 11.44 | 166 | 599055 | 45.06 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.19 | 232 | 124186 | 42.84 | ng | # | 100 |
| 59) Diethylphthalate | 11.34 | 149 | 626016 | 46.91 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 11.45 | 204 | 260482 | 44.45 | ng | | 94 |
| 61) 4-Nitroaniline | 11.50 | 138 | 168926 | 51.31 | ng | | 88 |
| 62) Azobenzene | 11.64 | 77 | 582945 | 44.71 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 11.53 | 198 | 82459 | 58.53 | ng | | 82 |
| 65) n-Nitrosodiphenylamine | 11.61 | 169 | 552623 | 48.23 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.06 | 248 | 165962 | 45.90 | ng | # | 92 |
| 67) Hexachlorobenzene | 12.11 | 284 | 189632 | 46.01 | ng | | 94 |
| 68) Atrazine | 12.28 | 200 | 149194 | 44.77 | ng | | 97 |
| 69) Pentachlorophenol | 12.38 | 266 | 80823 | 41.26 | ng | | 97 |
| 70) Phenanthrene | 12.63 | 178 | 862762 | 44.89 | ng | | 99 |
| 71) Anthracene | 12.70 | 178 | 904136 | 47.54 | ng | | 99 |
| 72) Carbazole | 12.90 | 167 | 852652 | 47.12 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.36 | 149 | 999444 | 46.35 | ng | | 100 |
| 74) Fluoranthene | 14.10 | 202 | 940947 | 46.72 | ng | | 96 |
| 76) Benzidine | 14.30 | 184 | 357549 | 41.55 | ng | | 98 |
| 77) Pyrene | 14.38 | 202 | 956042 | 49.20 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.21 | 149 | 442668 | 52.42 | ng | | 92 |
| 80) Benzo(a)anthracene | 15.87 | 228 | 873051 | 47.61 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 15.86 | 252 | 333954 | 50.98 | ng | # | 99 |
| 82) Chrysene | 15.92 | 228 | 857041 | 48.31 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 15.94 | 149 | 629557 | 49.63 | ng | | 98 |
| 84) Di-n-octyl phthalate | 16.74 | 149 | 1088766 | 48.39 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.97 | 276 | 1105825 | 49.13 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 17.19 | 252 | 874366 | 44.73 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 17.22 | 252 | 917155m | 47.98 | ng | | |
| 89) Benzo(a)pyrene | 17.58 | 252 | 871290 | 47.98 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 18.99 | 278 | 893419 | 46.58 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 19.36 | 276 | 908032 | 46.96 | ng | | 99 |

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

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