Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080815.D
Acq On : 3 Aug 2015 22:32
Operator : TP
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
MMDadoda
8/5/2015 2:28:03 PM

Quant Time: Aug 04 02:49:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:58:34 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 191830 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.12 | 136 | 697156 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.87 | 164 | 306130 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.36 | 188 | 512674 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 13.99 | 240 | 354924 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.39 | 264 | 289176 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 1190083 | 103.43 | ng | | 0.00 |
| 7) Phenol-d6 | 6.48 | 99 | 1686754 | 108.98 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 1737633 | 123.00 | ng | | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.66 | 330 | 321557 | 109.62 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.20 | 172 | 2209292 | 109.09 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.93 | 244 | 1844041 | 103.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.49 | 88 | 360402 | 61.84 | ng | | 99 |
| 3) Pyridine | 3.20 | 79 | 981551 | 63.76 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.16 | 42 | 539105 | 63.05 | ng | | 99 |
| 6) Aniline | 6.51 | 93 | 1270899 | 57.43 | ng | | 98 |
| 8) 2-Chlorophenol | 6.62 | 128 | 700635 | 54.96 | ng | | 82 |
| 9) Benzaldehyde | 6.38 | 77 | 477671 | 57.05 | ng | | 96 |
| 10) Phenol | 6.49 | 94 | 936909 | 51.83 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.58 | 93 | 674788 | 52.06 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 6.78 | 146 | 790659m | 55.33 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 743338 | 52.20 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.01 | 146 | 769732m | 58.44 | ng | | |
| 15) Benzyl Alcohol | 6.99 | 79 | 660991 | 62.89 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 1457460 | 56.87 | ng | | 95 |
| 17) 2-Methylphenol | 7.09 | 107 | 599673 | 53.36 | ng | | 94 |
| 18) Hexachloroethane | 7.36 | 117 | 299573 | 57.07 | ng | # | 71 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 551374 | 55.07 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 672388 | 51.51 | ng | | 93 |
| 22) Acetophenone | 7.25 | 105 | 886148 | 52.35 | ng | # | 81 |
| 24) Nitrobenzene | 7.42 | 77 | 776424 | 53.85 | ng | # | 85 |
| 25) Isophorone | 7.66 | 82 | 1449030 | 57.35 | ng | | 96 |
| 26) 2-Nitrophenol | 7.73 | 139 | 347855 | 56.44 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.78 | 122 | 639901 | 54.49 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93 | 915951 | 60.00 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.98 | 162 | 580974 | 59.12 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 620109 | 57.81 | ng | | 96 |
| 31) Naphthalene | 8.14 | 128 | 1908109 | 55.71 | ng | | 98 |
| 32) Benzoic acid | 7.92 | 122 | 447622 | 62.93 | ng | | 97 |
| 33) 4-Chloroaniline | 8.19 | 127 | 741266 | 51.44 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 362043 | 55.02 | ng | | 97 |
| 35) Caprolactam | 8.58 | 113 | 154313 | 56.69 | ng | # | 58 |
| 36) 4-Chloro-3-methylphenol | 8.68 | 107 | 611998 | 58.48 | ng | | 86 |
| 37) 2-Methylnaphthalene | 8.83 | 142 | 1098578 | 51.18 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 605486 | 62.28 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.99 | 237 | 377831 | 63.53 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.10 | 196 | 402631 | 58.33 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.15 | 196 | 413713 | 61.24 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 9.30 | 154 | 1356450 | 58.54 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.32 | 162 | 1101365 | 57.27 | ng | | 95 |
| 47) 2-Nitroaniline | 9.41 | 65 | 390185 | 54.93 | ng | | 88 |
| 48) Acenaphthylene | 9.73 | 152 | 1612902 | 53.79 | ng | | 99 |
| 49) Dimethylphthalate | 9.61 | 163 | 1263832 | 61.79 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.66 | 165 | 298317 | 67.73 | ng | # | 76 |
| 51) Acenaphthene | 9.90 | 154 | 994701 | 55.05 | ng | | 100 |
| 52) 3-Nitroaniline | 9.82 | 138 | 297177 | 58.14 | ng | | 84 |
| 53) 2,4-Dinitrophenol | 9.93 | 184 | 140340 | 62.27 | ng | # | 58 |
| 54) Dibenzofuran | 10.08 | 168 | 1262741 | 52.80 | ng | | 95 |
| 55) 4-Nitrophenol | 9.98 | 139 | 229792 | 62.89 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 10.06 | 165 | 369001 | 66.26 | ng | # | 78 |
| 57) Fluorene | 10.42 | 166 | 950221 | 51.21 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.19 | 232 | 262289 | 54.00 | ng | | 98 |
| 59) Diethylphthalate | 10.30 | 149 | 1172945 | 60.05 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.42 | 204 | 540382 | 59.38 | ng | # | 78 |
| 61) 4-Nitroaniline | 10.44 | 138 | 265693 | 56.16 | ng | | 96 |
| 62) Azobenzene | 10.57 | 77 | 1326664 | 58.63 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 181052 | 57.29 | ng | # | 32 |
| 65) n-Nitrosodiphenylamine | 10.53 | 169 | 929084 | 51.77 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.90 | 248 | 301056 | 53.44 | ng | # | 89 |
| 67) Hexachlorobenzene | 10.97 | 284 | 381403 | 59.81 | ng | # | 84 |
| 68) Atrazine | 11.06 | 200 | 174993 | 42.76 | ng | | 99 |
| 69) Pentachlorophenol | 11.15 | 266 | 199222 | 58.53 | ng | | 97 |
| 70) Phenanthrene | 11.38 | 178 | 1527336 | 57.28 | ng | | 100 |
| 71) Anthracene | 11.42 | 178 | 1417715 | 53.86 | ng | | 100 |
| 72) Carbazole | 11.58 | 167 | 1297506 | 56.93 | ng | | 97 |
| 73) Di-n-butylphthalate | 11.92 | 149 | 1515281 | 55.52 | ng | | 100 |
| 74) Fluoranthene | 12.56 | 202 | 1262027 | 49.42 | ng | | 99 |
| 76) Benzidine | 12.68 | 184 | 374139 | 27.95 | ng | | 98 |
| 77) Pyrene | 12.78 | 202 | 1418253 | 53.91 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 633275 | 61.12 | ng | | 91 |
| 80) Benzo(a)anthracene | 13.97 | 228 | 1088345 | 53.71 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.94 | 252 | 408051 | 56.75 | ng | # | 97 |
| 82) Chrysene | 14.01 | 228 | 1040483 | 52.83 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 750777 | 58.71 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.58 | 149 | 1181179 | 58.40 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.77 | 276 | 1180490 | 65.35 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 881505m | 52.07 | ng | | |
| 88) Benzo(k)fluoranthene | 15.03 | 252 | 973704m | 66.01 | ng | | |
| 89) Benzo(a)pyrene | 15.33 | 252 | 848732 | 58.79 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.80 | 278 | 945660 | 67.62 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.20 | 276 | 1015605 | 69.65 | ng | | 98 |

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

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