Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080632.D
Acq On : 24 Jul 2015 18:23
Operator : TP/UM
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC050

**Manual Integrations APPROVED**
apatel
7/27/2015 4:21:45 PM

Quant Time: Jul 24 23:13:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 22:49:30 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.93 | 152 | 50950 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.22 | 136 | 173156 | 20.00 | ng | | 0.01 |
| 38) Acenaphthene-d10 | 9.97 | 164 | 90910 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.46 | 188 | 162233 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.23 | 240 | 142386 | 20.00 | ng | | 0.07 |
| 86) Perylene-d12 | 15.85 | 264 | 128412 | 20.00 | ng | | 0.11 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 287207 | 97.62 | ng | | 0.00 |
| 7) Phenol-d6 | 6.54 | 99 | 355008 | 99.37 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.49 | 82 | 364213 | 118.03 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.76 | 330 | 85698 | 116.28 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.30 | 172 | 604320 | 98.14 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.07 | 244 | 682329 | 101.47 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.45 | 88 | 60816 | 44.77 | ng | | 98 |
| 3) Pyridine | 3.22 | 79 | 167841 | 46.31 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.14 | 42 | 102098 | 44.90 | ng | | 99 |
| 6) Aniline | 6.58 | 93 | 243827 | 47.38 | ng | | 98 |
| 8) 2-Chlorophenol | 6.70 | 128 | 154537 | 49.08 | ng | | 97 |
| 9) Benzaldehyde | 6.48 | 77 | 108188 | 41.97 | ng | | 95 |
| 10) Phenol | 6.56 | 94 | 221026 | 51.61 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.66 | 93 | 160174 | 52.88 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.88 | 146 | 175509m | 44.66 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.94 | 146 | 178376 | 46.04 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.10 | 146 | 180334 | 50.01 | ng | | 99 |
| 15) Benzyl Alcohol | 7.07 | 79 | 143124 | 46.00 | ng | # | 86 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45 | 264985 | 44.86 | ng | | 99 |
| 17) 2-Methylphenol | 7.17 | 107 | 118239 | 47.53 | ng | | 98 |
| 18) Hexachloroethane | 7.45 | 117 | 66504 | 48.81 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70 | 115490 | 47.88 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.33 | 107 | 168171 | 49.06 | ng | # | 83 |
| 22) Acetophenone | 7.33 | 105 | 214995 | 51.35 | ng | | 95 |
| 24) Nitrobenzene | 7.52 | 77 | 165507 | 51.45 | ng | # | 76 |
| 25) Isophorone | 7.76 | 82 | 297635 | 52.96 | ng | # | 86 |
| 26) 2-Nitrophenol | 7.84 | 139 | 64121 | 54.61 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.87 | 122 | 124645 | 49.21 | ng | | 87 |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93 | 170623 | 54.07 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.06 | 162 | 117333 | 54.64 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.16 | 180 | 136329 | 49.81 | ng | | 96 |
| 31) Naphthalene | 8.24 | 128 | 418450 | 48.71 | ng | | 100 |
| 32) Benzoic acid | 7.93 | 122 | 72552 | 63.69 | ng | | 98 |
| 33) 4-Chloroaniline | 8.28 | 127 | 177674 | 52.10 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.36 | 225 | 96545 | 58.85 | ng | | 99 |
| 35) Caprolactam | 8.62 | 113 | 33970 | 59.12 | ng | # | 71 |
| 36) 4-Chloro-3-methylphenol | 8.76 | 107 | 129135 | 52.44 | ng | # | 74 |
| 37) 2-Methylnaphthalene | 8.93 | 142 | 304939 | 60.94 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 128772 | 43.02 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 9.09 | 237 | 87047 | 54.30 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.21 | 196 | 96808m | 55.67 | ng | | |
| 43) 2,4,5-Trichlorophenol | 9.24 | 196 | 102622m | 58.47 | ng | | |
| 45) 1,1'-Biphenyl | 9.39 | 154 | 317633 | 44.00 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.42 | 162 | 272835 | 46.58 | ng | # | 85 |
| 47) 2-Nitroaniline | 9.50 | 65 | 82103 | 45.80 | ng | | 96 |
| 48) Acenaphthylene | 9.84 | 152 | 454702 | 51.21 | ng | | 100 |
| 49) Dimethylphthalate | 9.69 | 163 | 311532 | 47.32 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.76 | 165 | 63560 | 52.05 | ng | # | 41 |
| 51) Acenaphthene | 10.01 | 154 | 281346 | 52.70 | ng | | 99 |
| 52) 3-Nitroaniline | 9.92 | 138 | 74010 | 53.66 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 10.02 | 184 | 27254 | 74.61 | ng | # | 84 |
| 54) Dibenzofuran | 10.18 | 168 | 389948 | 50.91 | ng | | 98 |
| 55) 4-Nitrophenol | 10.06 | 139 | 59015 | 59.12 | ng | | 88 |
| 56) 2,4-Dinitrotoluene | 10.16 | 165 | 82240 | 53.60 | ng | # | 43 |
| 57) Fluorene | 10.52 | 166 | 309020 | 50.49 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.29 | 232 | 81379 | 59.79 | ng | | 100 |
| 59) Diethylphthalate | 10.40 | 149 | 346076 | 54.71 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.52 | 204 | 136911 | 49.63 | ng | | 98 |
| 61) 4-Nitroaniline | 10.52 | 138 | 67572 | 49.09 | ng | | 98 |
| 62) Azobenzene | 10.67 | 77 | 303728 | 47.15 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.56 | 198 | 42917 | 74.30 | ng | | 84 |
| 65) n-Nitrosodiphenylamine | 10.64 | 169 | 255473 | 48.83 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 11.00 | 248 | 76832 | 46.93 | ng | # | 85 |
| 67) Hexachlorobenzene | 11.07 | 284 | 93203 | 49.89 | ng | # | 87 |
| 68) Atrazine | 11.16 | 200 | 76994 | 53.86 | ng | | 90 |
| 69) Pentachlorophenol | 11.26 | 266 | 49694 | 56.66 | ng | | 96 |
| 70) Phenanthrene | 11.48 | 178 | 438370 | 48.40 | ng | | 98 |
| 71) Anthracene | 11.54 | 178 | 445428 | 52.02 | ng | | 99 |
| 72) Carbazole | 11.69 | 167 | 399501 | 53.61 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.03 | 149 | 490529 | 56.63 | ng | | 99 |
| 74) Fluoranthene | 12.68 | 202 | 450226 | 55.32 | ng | | 96 |
| 76) Benzidine | 12.81 | 184 | 246657 | 57.31 | ng | | 98 |
| 77) Pyrene | 12.92 | 202 | 453558 | 48.26 | ng | | 97 |
| 79) Butylbenzylphthalate | 13.59 | 149 | 208513 | 63.98 | ng | | 94 |
| 80) Benzo(a)anthracene | 14.20 | 228 | 428897 | 53.53 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.17 | 252 | 142743 | 61.40 | ng | | 97 |
| 82) Chrysene | 14.25 | 228 | 408291 | 51.45 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.21 | 149 | 301894 | 62.27 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 14.96 | 149 | 499857 | 77.64 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 17.35 | 276 | 478071 | 73.92 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.41 | 252 | 377381 | 49.16 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.45 | 252 | 385584m | 50.69 | ng | | |
| 89) Benzo(a)pyrene | 15.79 | 252 | 365886 | 53.52 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 17.37 | 278 | 392048 | 59.16 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.79 | 276 | 398491 | 59.32 | ng | | 97 |

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

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