Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083333.D
Acq On : 27 Nov 2015 17:06
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Mmdadoda
12/1/2015 5:22:57 PM

Quant Time: Nov 27 18:11:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 17:51:44 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.56 | 152 | 183613 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.85 | 136 | 707278 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.60 | 164 | 343940 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.07 | 188 | 646067 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.69 | 240 | 443201 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.04 | 264 | 356740 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.14 | 112 | 1196347 | 47.27 | ng | | 0.00 |
| 7) Phenol-d6 | 6.24 | 99 | 1534915 | 45.28 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.14 | 82 | 1473678 | 45.46 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.39 | 330 | 313142 | 49.16 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.94 | 172 | 2144444 | 43.16 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.66 | 244 | 2203445 | 48.37 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Pyridine | 2.59 | 79 | 826117 | 54.45 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 2.56 | 42 | 407873 | 52.44 | ng | | 89 |
| 6) Aniline | 6.23 | 93 | 1110921 | 48.60 | ng | | 99 |
| 8) 2-Chlorophenol | 6.35 | 128 | 628496 | 45.56 | ng | | 98 |
| 9) Benzaldehyde | 6.10 | 77 | 376155 | 40.30 | ng | | 97 |
| 10) Phenol | 6.25 | 94 | 938625 | 46.39 | ng | | 81 |
| 11) bis(2-Chloroethyl)ether | 6.31 | 93 | 708622 | 47.39 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 6.50 | 146 | 721859 | 47.44 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.58 | 146 | 761773 | 47.91 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.74 | 146 | 679995 | 46.45 | ng | | 96 |
| 15) Benzyl Alcohol | 6.73 | 79 | 605196 | 46.62 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.87 | 45 | 1247331 | 48.06 | ng | # | 66 |
| 17) 2-Methylphenol | 6.86 | 107 | 537252 | 48.06 | ng | | 98 |
| 18) Hexachloroethane | 7.07 | 117 | 261271 | 46.60 | ng | # | 81 |
| 19) n-Nitroso-di-n-propylamine | 7.00 | 70 | 564625 | 47.46 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.02 | 107 | 701662 | 46.12 | ng | | 96 |
| 22) Acetophenone | 6.99 | 105 | 983455 | 46.77 | ng | # | 98 |
| 24) Nitrobenzene | 7.16 | 77 | 888666 | 51.06 | ng | | 95 |
| 25) Isophorone | 7.40 | 82 | 1486705 | 47.99 | ng | | 97 |
| 26) 2-Nitrophenol | 7.48 | 139 | 342492 | 48.49 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 7.54 | 122 | 595520 | 50.22 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.62 | 93 | 804224 | 46.24 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.74 | 162 | 547920 | 48.27 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 7.80 | 180 | 600540 | 48.69 | ng | | 98 |
| 31) Naphthalene | 7.87 | 128 | 1739491 | 44.10 | ng | | 99 |
| 32) Benzoic acid | 7.70 | 122 | 335979 | 62.49 | ng | | 96 |
| 33) 4-Chloroaniline | 7.94 | 127 | 819963 | 49.80 | ng | | 93 |
| 34) Hexachlorobutadiene | 8.00 | 225 | 338452 | 47.56 | ng | | 99 |
| 35) Caprolactam | 8.33 | 113 | 175225 | 54.07 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.44 | 107 | 623303 | 49.85 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.57 | 142 | 1245342 | 48.73 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.74 | 216 | 552101 | 49.53 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 8.73 | 237 | 287401 | 65.15 | ng | | 96 |
| 42) 2,4,6-Trichlorophenol | 8.86 | 196 | 387980 | 50.17 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 8.90 | 196 | 403987 | 51.79 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 9.04 | 154 | 1545841 | 49.49 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.05 | 162 | 1100880 | 46.94 | ng | # | 93 |
| 47) 2-Nitroaniline | 9.16 | 65 | 492579 | 55.06 | ng | # | 81 |
| 48) Acenaphthylene | 9.46 | 152 | 1677324 | 45.24 | ng | | 98 |
| 49) Dimethylphthalate | 9.35 | 163 | 1283770 | 48.06 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.40 | 165 | 278181 | 48.37 | ng | | 96 |
| 51) Acenaphthene | 9.63 | 154 | 973983 | 45.69 | ng | | 99 |
| 52) 3-Nitroaniline | 9.58 | 138 | 339497 | 51.68 | ng | # | 70 |
| 53) 2,4-Dinitrophenol | 9.68 | 184 | 136647 | 86.94 | ng | | 95 |
| 54) Dibenzofuran | 9.80 | 168 | 1373031 | 44.25 | ng | | 96 |
| 55) 4-Nitrophenol | 9.76 | 139 | 200881 | 63.00 | ng | | 89 |
| 56) 2,4-Dinitrotoluene | 9.80 | 165 | 348387 | 47.93 | ng | # | 88 |
| 57) Fluorene | 10.15 | 166 | 1176379 | 46.37 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.93 | 232 | 305466 | 49.59 | ng | | 98 |
| 59) Diethylphthalate | 10.04 | 149 | 1348539 | 52.98 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.15 | 204 | 567422 | 48.82 | ng | # | 86 |
| 61) 4-Nitroaniline | 10.19 | 138 | 348670 | 55.71 | ng | | 95 |
| 62) Azobenzene | 10.31 | 77 | 1634307 | 51.15 | ng | | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 10.22 | 198 | 222687 | 67.19 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 10.27 | 169 | 1177594 | 49.02 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 10.63 | 248 | 331699 | 45.06 | ng | # | 84 |
| 67) Hexachlorobenzene | 10.70 | 284 | 403403 | 48.57 | ng | # | 85 |
| 68) Atrazine | 10.80 | 200 | 299413 | 45.11 | ng | | 96 |
| 69) Pentachlorophenol | 10.89 | 266 | 214209 | 63.48 | ng | | 96 |
| 70) Phenanthrene | 11.10 | 178 | 1661783 | 42.41 | ng | | 98 |
| 71) Anthracene | 11.15 | 178 | 1907216 | 47.23 | ng | | 99 |
| 72) Carbazole | 11.31 | 167 | 1673481 | 49.62 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.66 | 149 | 2041362 | 50.97 | ng | | 99 |
| 74) Fluoranthene | 12.27 | 202 | 1671113 | 45.76 | ng | | 96 |
| 76) Benzidine | 12.41 | 184 | 825447 | 50.66 | ng | | 96 |
| 77) Pyrene | 12.50 | 202 | 1860623 | 49.16 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.14 | 149 | 768290 | 56.92 | ng | # | 82 |
| 80) Benzo(a)anthracene | 13.68 | 228 | 1435682 | 50.89 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.66 | 252 | 446444 | 50.94 | ng | # | 97 |
| 82) Chrysene | 13.73 | 228 | 1397782 | 52.08 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.70 | 149 | 929144 | 54.88 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 14.31 | 149 | 1313802 | 48.35 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 16.25 | 276 | 1279374 | 42.84 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.69 | 252 | 1274612m | 51.55 | ng | | |
| 88) Benzo(k)fluoranthene | 14.71 | 252 | 803902m | 40.76 | ng | | |
| 89) Benzo(a)pyrene | 14.98 | 252 | 948888 | 47.91 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.26 | 278 | 1036212 | 46.70 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 16.62 | 276 | 1071349 | 47.97 | ng | | 97 |

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

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