Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076783.D
Acq On : 8 Jan 2015 19:14
Operator : IZ / TP
Sample : PB81245BS
Misc : S
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB81245BS

**Manual Integrations APPROVED**
TEJASKUMAR
1/9/2015 5:22:52 PM

Quant Time: Jan 09 11:56:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 09:08:31 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 35917 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.04 | 136 | 162073 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.18 | 164 | 86548 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.90 | 188 | 154284 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.40 | 240 | 140307 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.12 | 264 | 124924 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 277835 | 131.14 | ng | | 0.00 |
| 7) Phenol-d6 | 7.52 | 99 | 359196 | 138.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.43 | 82 | 220850 | 81.04 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.81 | 330 | 93299 | 127.55 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.69 | 172 | 467298 | 84.02 | ng | | -0.01 |
| 78) Terphenyl-d14 | 20.12 | 244 | 493541 | 77.59 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.41 | 88 | 22869 | 25.25 | ng | # | 100 |
| 3) Pyridine | 1.92 | 79 | 67268 | 29.51 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 1.86 | 42 | 41096 | 37.26 | ng | | 98 |
| 6) Aniline | 7.42 | 93 | 66090 | 17.89 | ng | # | 83 |
| 8) 2-Chlorophenol | 7.66 | 128 | 89547 | 36.91 | ng | | 98 |
| 9) Benzaldehyde | 7.14 | 77 | 49941 | 25.37 | ng | | 97 |
| 10) Phenol | 7.54 | 94 | 104142 | 33.16 | ng | | 79 |
| 11) bis(2-Chloroethyl)ether | 7.66 | 93 | 80997 | 35.83 | ng | # | 75 |
| 12) 1,3-Dichlorobenzene | 7.98 | 146 | 92775 | 32.94 | ng | # | 96 |
| 13) 1,4-Dichlorobenzene | 8.17 | 146 | 97316 | 34.11 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.48 | 146 | 91182 | 33.70 | ng | | 96 |
| 15) Benzyl Alcohol | 8.55 | 79 | 75358 | 33.63 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.90 | 45 | 101915 | 31.12 | ng | # | 31 |
| 17) 2-Methylphenol | 8.89 | 107 | 70524 | 35.37 | ng | # | 93 |
| 18) Hexachloroethane | 9.24 | 117 | 32991 | 32.36 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 9.18 | 70 | 64064 | 33.90 | ng | | 99 |
| 20) 3+4-Methylphenols | 9.28 | 107 | 94162 | 34.98 | ng | | 97 |
| 22) Acetophenone | 9.11 | 105 | 132194 | 34.03 | ng | # | 96 |
| 24) Nitrobenzene | 9.46 | 77 | 98224 | 34.76 | ng | | 98 |
| 25) Isophorone | 10.06 | 82 | 172226 | 32.79 | ng | # | 92 |
| 26) 2-Nitrophenol | 10.21 | 139 | 46687 | 33.83 | ng | # | 85 |
| 27) 2,4-Dimethylphenol | 10.47 | 122 | 82015 | 36.72 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.69 | 93 | 103653 | 33.62 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.80 | 162 | 75081 | 34.20 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.95 | 180 | 76328 | 32.25 | ng | | 95 |
| 31) Naphthalene | 11.09 | 128 | 261768 | 32.60 | ng | | 98 |
| 32) Benzoic acid | 10.79 | 122 | 42231m | 33.12 | ng | | |
| 33) 4-Chloroaniline | 11.33 | 127 | 59117 | 18.04 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.45 | 225 | 42994 | 31.25 | ng | | 94 |
| 35) Caprolactam | 12.15 | 113 | 23269m | 36.76 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.61 | 107 | 85259 | 34.90 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.75 | 142 | 190289 | 33.97 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.15 | 216 | 74432 | 34.96 | ng | # | 81 |
| 40) Hexachlorocyclopentadiene | 13.13 | 237 | 79356 | 65.71 | ng | | 93 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.49 | 196 | 55810 | 36.13 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 13.58 | 196 | 53203 | 32.01 | ng | | 96 |
| 45) 1,1'-Biphenyl | 13.90 | 154 | 229289 | 35.66 | ng | | 96 |
| 46) 2-Chloronaphthalene | 13.88 | 162 | 181222 | 35.54 | ng | | 97 |
| 47) 2-Nitroaniline | 14.21 | 65 | 59857 | 38.58 | ng | | 97 |
| 48) Acenaphthylene | 14.84 | 152 | 294369 | 33.94 | ng | | 98 |
| 49) Dimethylphthalate | 14.77 | 163 | 220112 | 35.95 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.86 | 165 | 46187 | 36.82 | ng | # | 70 |
| 51) Acenaphthene | 15.26 | 154 | 168070 | 34.25 | ng | | 99 |
| 52) 3-Nitroaniline | 15.21 | 138 | 37285 | 26.18 | ng | | 93 |
| 53) 2,4-Dinitrophenol | 15.49 | 184 | 25415 | 44.24 | ng | | 88 |
| 54) Dibenzofuran | 15.67 | 168 | 264670 | 37.29 | ng | | 99 |
| 55) 4-Nitrophenol | 15.77 | 139 | 71986 | 65.92 | ng | # | 74 |
| 56) 2,4-Dinitrotoluene | 15.77 | 165 | 62990 | 37.68 | ng | # | 55 |
| 57) Fluorene | 16.37 | 166 | 219226 | 36.77 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.99 | 232 | 43933 | 35.55 | ng | # | 100 |
| 59) Diethylphthalate | 16.35 | 149 | 229972 | 36.78 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 16.45 | 204 | 92556 | 35.87 | ng | # | 83 |
| 61) 4-Nitroaniline | 16.49 | 138 | 49478 | 33.05 | ng | | 96 |
| 62) Azobenzene | 16.72 | 77 | 228976 | 37.16 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 16.56 | 198 | 23860 | 24.72 | ng | # | 79 |
| 65) n-Nitrosodiphenylamine | 16.68 | 169 | 183932 | 33.94 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 17.27 | 248 | 55231 | 36.75 | ng | | 90 |
| 67) Hexachlorobenzene | 17.29 | 284 | 55337 | 31.55 | ng | # | 86 |
| 68) Atrazine | 17.63 | 200 | 67413 | 41.63 | ng | | 97 |
| 69) Pentachlorophenol | 17.65 | 266 | 42466 | 49.46 | ng | | 96 |
| 70) Phenanthrene | 17.93 | 178 | 314524 | 33.79 | ng | | 99 |
| 71) Anthracene | 18.00 | 178 | 317356 | 34.75 | ng | | 99 |
| 72) Carbazole | 18.29 | 167 | 298581 | 33.71 | ng | | 100 |
| 73) Di-n-butylphthalate | 18.86 | 149 | 366164 | 33.65 | ng | | 99 |
| 74) Fluoranthene | 19.57 | 202 | 326127 | 34.31 | ng | | 96 |
| 76) Benzidine | 19.80 | 184 | 176873 | 30.25 | ng | | 99 |
| 77) Pyrene | 19.85 | 202 | 338686 | 34.50 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.77 | 149 | 161119 | 34.33 | ng | # | 83 |
| 80) Benzo(a)anthracene | 21.39 | 228 | 287587 | 32.92 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.39 | 252 | 59111 | 20.24 | ng | | 98 |
| 82) Chrysene | 21.42 | 228 | 279952 | 35.01 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.51 | 149 | 228623 | 32.20 | ng | | 97 |
| 84) Di-n-octyl phthalate | 22.31 | 149 | 393829 | 32.49 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 24.33 | 276 | 279107m | 31.81 | ng | | |
| 87) Benzo(b)fluoranthene | 22.68 | 252 | 277136m | 33.63 | ng | | |
| 88) Benzo(k)fluoranthene | 22.71 | 252 | 249973 | 32.57 | ng | # | 96 |
| 89) Benzo(a)pyrene | 23.07 | 252 | 257343 | 34.99 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 24.36 | 278 | 230983 | 31.69 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 24.64 | 276 | 228263 | 32.19 | ng | | 98 |

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

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