Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077300.D
Acq On : 13 Feb 2015 00:36
Operator : TP/IZ
Sample : G1253-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** WC-SLDG-WT-70MSD

**Manual Integrations APPROVED**
mohammad
2/13/2015 5:40:43 PM

Quant Time: Feb 13 12:05:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 03:50:26 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.50 | 152 | 63108 | 20.00 | ng | | 0.01 |
| 21) Naphthalene-d8 | 10.41 | 136 | 264470 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.53 | 164 | 130591 | 20.00 | ng | | 0.01 |
| 63) Phenanthrene-d10 | 17.44 | 188 | 254600 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 20.96 | 240 | 247018 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 22.57 | 264 | 220273 | 20.00 | ng | | -0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.51 | 112 | 205048 | 51.43 | ng | | 0.02 |
| 7) Phenol-d6 | 6.99 | 99 | 247506 | 49.55 | ng | | 0.06 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 185139 | 39.99 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.31 | 330 | 72843 | 68.40 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.07 | 172 | 369770 | 42.62 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.69 | 244 | 420278 | 38.22 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.05 | 88 | 18145 | 11.92 | ng | | 92 |
| 3) Pyridine | 1.47 | 79 | 44798 | 11.10 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 1.41 | 42 | 37270 | 10.72 | ng | # | 97 |
| 6) Aniline | 6.80 | 93 | 43185 | 6.54 | ng | | 95 |
| 8) 2-Chlorophenol | 7.05 | 128 | 79628 | 17.39 | ng | | 91 |
| 10) Phenol | 7.04 | 94 | 84458m | 16.45 | ng | | |
| 11) bis(2-Chloroethyl)ether | 7.05 | 93 | 78173 | 19.11 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 7.34 | 146 | 86276 | 17.04 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.54 | 146 | 87040 | 16.67 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 7.85 | 146 | 84841 | 17.15 | ng | | 96 |
| 15) Benzyl Alcohol | 7.97 | 79 | 115658 | 29.23 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30 | 45 | 99383 | 17.33 | ng | | 92 |
| 17) 2-Methylphenol | 8.33 | 107 | 62928 | 17.77 | ng | | 94 |
| 18) Hexachloroethane | 8.59 | 117 | 31134 | 16.42 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.60 | 70 | 65916 | 18.77 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.73 | 107 | 81027 | 17.67 | ng | | 96 |
| 22) Acetophenone | 8.51 | 105 | 126202 | 19.87 | ng | | 96 |
| 24) Nitrobenzene | 8.85 | 77 | 83773 | 18.25 | ng | | 100 |
| 25) Isophorone | 9.47 | 82 | 164554 | 19.72 | ng | # | 94 |
| 26) 2-Nitrophenol | 9.60 | 139 | 41074 | 18.93 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.90 | 122 | 74710 | 19.92 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93 | 99718 | 19.63 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.22 | 162 | 65883m | 19.22 | ng | | |
| 30) 1,2,4-Trichlorobenzene | 10.33 | 180 | 68922 | 17.79 | ng | | 99 |
| 31) Naphthalene | 10.45 | 128 | 294079 | 22.53 | ng | | 99 |
| 32) Benzoic acid | 10.58 | 122 | 43995m | 63.51 | ng | | |
| 33) 4-Chloroaniline | 10.74 | 127 | 23456m | 4.45 | ng | | |
| 34) Hexachlorobutadiene | 10.83 | 225 | 40632 | 18.46 | ng | | 97 |
| 35) Caprolactam | 11.54 | 113 | 2902 | 10.32 | ng | # | 64 |
| 36) 4-Chloro-3-methylphenol | 12.04 | 107 | 72665 | 18.95 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 176545 | 18.04 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 67187 | 20.44 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.50 | 237 | 62296 | 42.74 | ng | | 93 |
| 42) 2,4,6-Trichlorophenol | 12.88 | 196 | 46058 | 21.55 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 12.99 | 196 | 49429 | 23.51 | ng | # | 92 |
| 45) 1,1'-Biphenyl | 13.27 | 154 | 197745 | 19.65 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.24 | 162 | 160998 | 20.03 | ng | | 98 |
| 47) 2-Nitroaniline | 13.60 | 65 | 54087 | 23.03 | ng | | 97 |
| 48) Acenaphthylene | 14.18 | 152 | 263089 | 20.75 | ng | | 99 |
| 49) Dimethylphthalate | 14.16 | 163 | 200705 | 21.25 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.25 | 165 | 40208 | 22.02 | ng | | 98 |
| 51) Acenaphthene | 14.60 | 154 | 144105 | 19.62 | ng | | 99 |
| 52) 3-Nitroaniline | 14.60 | 138 | 11180 | 5.01 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 14.89 | 184 | 32600 | 56.85 | ng | # | 71 |
| 54) Dibenzofuran | 15.03 | 168 | 231630 | 20.40 | ng | | 97 |
| 55) 4-Nitrophenol | 15.24 | 139 | 48906 | 44.99 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 15.19 | 165 | 58056 | 22.41 | ng | # | 93 |
| 57) Fluorene | 15.80 | 166 | 193945 | 20.86 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.40 | 232 | 35168 | 24.60 | ng | # | 100 |
| 59) Diethylphthalate | 15.83 | 149 | 210986 | 21.45 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.92 | 204 | 81293 | 21.03 | ng | | 96 |
| 61) 4-Nitroaniline | 15.99 | 138 | 32133 | 15.25 | ng | | 95 |
| 62) Azobenzene | 16.21 | 77 | 199672m | 21.28 | ng | | |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198 | 26281 | 22.28 | ng | | 100 |
| 65) n-Nitrosodiphenylamine | 16.18 | 169 | 163440 | 18.00 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.80 | 248 | 47464 | 17.84 | ng | | 96 |
| 67) Hexachlorobenzene | 16.81 | 284 | 48594 | 17.94 | ng | | 92 |
| 68) Atrazine | 17.20 | 200 | 53187 | 18.49 | ng | | 88 |
| 69) Pentachlorophenol | 17.20 | 266 | 41756 | 53.34 | ng | | 95 |
| 70) Phenanthrene | 17.47 | 178 | 281931 | 18.36 | ng | | 99 |
| 71) Anthracene | 17.55 | 178 | 284518 | 18.47 | ng | | 99 |
| 72) Carbazole | 17.85 | 167 | 278048 | 18.89 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.45 | 149 | 427013 | 22.80 | ng | | 100 |
| 74) Fluoranthene | 19.13 | 202 | 295718 | 18.70 | ng | | 99 |
| 76) Benzidine | 19.38 | 184 | 77296 | 7.72 | ng | | 99 |
| 77) Pyrene | 19.41 | 202 | 316092 | 19.19 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.36 | 149 | 219490 | 26.31 | ng | | 97 |
| 80) Benzo(a)anthracene | 20.95 | 228 | 305896 | 20.12 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 20.96 | 252 | 51445 | 9.65 | ng | | 97 |
| 82) Chrysene | 20.98 | 228 | 250095 | 18.15 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 259250 | 20.89 | ng | | 97 |
| 84) Di-n-octyl phthalate | 21.86 | 149 | 443744 | 20.79 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 23.61 | 276 | 275790m | 20.59 | ng | | |
| 87) Benzo(b)fluoranthene | 22.18 | 252 | 275892 | 17.59 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 22.20 | 252 | 255611m | 21.57 | ng | | |
| 89) Benzo(a)pyrene | 22.51 | 252 | 252857 | 19.36 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 23.63 | 278 | 231862m | 19.99 | ng | | |
| 91) Benzo(g,h,i)perylene | 23.87 | 276 | 229940m | 20.03 | ng | | |

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

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