Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078338.D
Acq On : 8 Apr 2015 12:44
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040EC

Quant Time: Apr 08 16:06:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 14:42:25 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.93 | 152 | 47956 | 20.00 | ng | | -0.05 |
| 21) Naphthalene-d8 | 8.51 | 136 | 198038 | 20.00 | ng | | -0.05 |
| 38) Acenaphthene-d10 | 10.67 | 164 | 97542 | 20.00 | ng | | -0.06 |
| 63) Phenanthrene-d10 | 12.50 | 188 | 187044 | 20.00 | ng | | -0.06 |
| 75) Chrysene-d12 | 15.79 | 240 | 197118 | 20.00 | ng | | -0.05 |
| 86) Perylene-d12 | 17.57 | 264 | 206819 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 231930 | 79.74 | ng | | -0.07 |
| 7) Phenol-d6 | 6.53 | 99 | 298851 | 81.99 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.63 | 82 | 255299 | 78.14 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 11.65 | 330 | 72481 | 89.60 | ng | | -0.06 |
| 44) 2-Fluorobiphenyl | 9.86 | 172 | 530080 | 77.68 | ng | | -0.05 |
| 78) Terphenyl-d14 | 14.50 | 244 | 662994 | 76.00 | ng | | -0.06 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.74 | 88 | 51671m | 39.29 | ng | | |
| 3) Pyridine | 2.34 | 79 | 153486 | 44.55 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 2.29 | 42 | 53388m | 40.26 | ng | | |
| 6) Aniline | 6.52 | 93 | 208030 | 40.24 | ng | | 92 |
| 8) 2-Chlorophenol | 6.67 | 128 | 135215 | 39.32 | ng | | 94 |
| 9) Benzaldehyde | 6.37 | 77 | 89211 | 36.93 | ng | | 94 |
| 10) Phenol | 6.54 | 94 | 179284 | 41.05 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.64 | 93 | 126183 | 40.17 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.85 | 146 | 151243 | 40.03 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 6.96 | 146 | 153139 | 40.27 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.14 | 146 | 138579 | 38.87 | ng | | 95 |
| 15) Benzyl Alcohol | 7.13 | 79 | 105914 | 41.35 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.31 | 45 | 166035 | 39.63 | ng | | 96 |
| 17) 2-Methylphenol | 7.30 | 107 | 104007 | 38.95 | ng | | 96 |
| 18) Hexachloroethane | 7.55 | 117 | 51551 | 40.20 | ng | # | 81 |
| 19) n-Nitroso-di-n-propylamine | 7.47 | 70 | 101501 | 42.20 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.49 | 107 | 143670 | 40.33 | ng | | 91 |
| 22) Acetophenone | 7.45 | 105 | 182447 | 39.54 | ng | # | 88 |
| 24) Nitrobenzene | 7.65 | 77 | 134225 | 39.30 | ng | # | 80 |
| 25) Isophorone | 7.96 | 82 | 259764 | 41.89 | ng | | 100 |
| 26) 2-Nitrophenol | 8.05 | 139 | 66652 | 40.95 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 8.13 | 122 | 118541 | 39.17 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 8.25 | 93 | 152101 | 38.25 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.36 | 162 | 111013 | 40.32 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.44 | 180 | 120447 | 38.15 | ng | # | 97 |
| 31) Naphthalene | 8.53 | 128 | 392097 | 38.04 | ng | | 99 |
| 32) Benzoic acid | 8.27 | 122 | 67540 | 47.52 | ng | | 96 |
| 33) 4-Chloroaniline | 8.62 | 127 | 174132 | 40.71 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.69 | 225 | 68926 | 39.76 | ng | | 97 |
| 35) Caprolactam | 9.07 | 113 | 36338 | 44.21 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 9.25 | 107 | 117216 | 42.19 | ng | | 85 |
| 37) 2-Methylnaphthalene | 9.40 | 142 | 271556 | 38.80 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.61 | 216 | 120399 | 39.84 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 9.58 | 237 | 28237 | 26.67 | ng | | 97 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.76 | 196 | 82871 | 43.48 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.80 | 196 | 83483 | 41.92 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.98 | 154 | 318591 | 39.93 | ng | | 99 |
| 46) 2-Chloronaphthalene | 10.00 | 162 | 256283 | 40.83 | ng | | 97 |
| 47) 2-Nitroaniline | 10.13 | 65 | 68338 | 44.00 | ng | | 96 |
| 48) Acenaphthylene | 10.50 | 152 | 412946 | 40.74 | ng | | 99 |
| 49) Dimethylphthalate | 10.38 | 163 | 299146 | 40.82 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 10.45 | 165 | 64971 | 43.09 | ng | | 97 |
| 51) Acenaphthene | 10.72 | 154 | 235043 | 41.18 | ng | | 99 |
| 52) 3-Nitroaniline | 10.65 | 138 | 74763 | 43.61 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 10.78 | 184 | 6146 | 21.02 | ng | | 94 |
| 54) Dibenzofuran | 10.93 | 168 | 366264 | 42.02 | ng | | 95 |
| 55) 4-Nitrophenol | 10.89 | 139 | 48797 | 40.08 | ng | # | 77 |
| 56) 2,4-Dinitrotoluene | 10.94 | 165 | 85701 | 43.89 | ng | | 96 |
| 57) Fluorene | 11.36 | 166 | 296187 | 41.92 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.09 | 232 | 67173 | 45.50 | ng | | 98 |
| 59) Diethylphthalate | 11.25 | 149 | 299138 | 42.34 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.37 | 204 | 134777 | 41.46 | ng | # | 82 |
| 61) 4-Nitroaniline | 11.40 | 138 | 82219 | 47.44 | ng | | 99 |
| 62) Azobenzene | 11.56 | 77 | 263704 | 40.89 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 11.44 | 198 | 14506 | 21.40 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 11.52 | 169 | 254703 | 39.37 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.97 | 248 | 82854 | 41.83 | ng | # | 85 |
| 67) Hexachlorobenzene | 12.02 | 284 | 83847 | 38.63 | ng | # | 86 |
| 68) Atrazine | 12.20 | 200 | 80465 | 42.94 | ng | | 98 |
| 69) Pentachlorophenol | 12.28 | 266 | 42623 | 47.74 | ng | | 98 |
| 70) Phenanthrene | 12.53 | 178 | 427979 | 39.56 | ng | | 100 |
| 71) Anthracene | 12.60 | 178 | 437934 | 41.08 | ng | | 99 |
| 72) Carbazole | 12.81 | 167 | 402184 | 40.25 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.28 | 149 | 509847 | 45.04 | ng | | 99 |
| 74) Fluoranthene | 14.00 | 202 | 474206 | 41.56 | ng | | 98 |
| 76) Benzidine | 14.19 | 184 | 263224 | 34.68 | ng | | 99 |
| 77) Pyrene | 14.27 | 202 | 493210 | 39.86 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.13 | 149 | 230857 | 48.95 | ng | # | 81 |
| 80) Benzo(a)anthracene | 15.78 | 228 | 486814 | 41.51 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 15.77 | 252 | 171979 | 43.78 | ng | | 99 |
| 82) Chrysene | 15.83 | 228 | 456712 | 41.45 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 15.86 | 149 | 344989 | 46.64 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 16.68 | 149 | 602385 | 49.60 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.89 | 276 | 552931 | 44.22 | ng | # | 85 |
| 87) Benzo(b)fluoranthene | 17.12 | 252 | 466773m | 36.52 | ng | | |
| 88) Benzo(k)fluoranthene | 17.15 | 252 | 469927 | 41.37 | ng | # | 95 |
| 89) Benzo(a)pyrene | 17.51 | 252 | 447225 | 40.09 | ng | # | 94 |
| 90) Dibenzo(a,h)anthracene | 18.92 | 278 | 449268 | 40.23 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 19.27 | 276 | 441562 | 39.43 | ng | | 99 |

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

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