Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085967.D
Acq On : 1 Apr 2016 17:50
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
4/4/2016 7:31:50 PM

Quant Time: Apr 01 18:45:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 18:28:07 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 98960 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.06 | 136 | 397477 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.81 | 164 | 184459 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 341668 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.93 | 240 | 263398 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.33 | 264 | 225023 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 612465 | 103.07 | ng | | 0.00 |
| 7) Phenol-d6 | 6.42 | 99 | 714308 | 94.55 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.34 | 82 | 639710 | 90.63 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 168631 | 96.22 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.14 | 172 | 1092035 | 98.91 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.88 | 244 | 1096426 | 85.61 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.29 | 88 | 137098 | 48.32 | ng | | 98 |
| 3) Pyridine | 3.00 | 79 | 348992 | 51.30 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 2.96 | 42 | 142546 | 52.35 | ng | | 97 |
| 6) Aniline | 6.44 | 93 | 504640 | 49.62 | ng | | 99 |
| 8) 2-Chlorophenol | 6.56 | 128 | 335366 | 48.58 | ng | | 91 |
| 9) Benzaldehyde | 6.33 | 77 | 192758 | 42.35 | ng | | 91 |
| 10) Phenol | 6.43 | 94 | 432315 | 50.51 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.51 | 93 | 309287 | 46.96 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.72 | 146 | 368064m | 49.51 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.80 | 146 | 368730 | 48.90 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 6.94 | 146 | 341264 | 48.57 | ng | | 97 |
| 15) Benzyl Alcohol | 6.92 | 79 | 228810 | 45.39 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45 | 395403 | 45.24 | ng | | 94 |
| 17) 2-Methylphenol | 7.04 | 107 | 272408 | 49.29 | ng | | 98 |
| 18) Hexachloroethane | 7.29 | 117 | 137194 | 49.69 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 194937 | 43.09 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 308636 | 46.44 | ng | | 91 |
| 22) Acetophenone | 7.20 | 105 | 457183 | 49.37 | ng | # | 94 |
| 24) Nitrobenzene | 7.37 | 77 | 393628 | 54.10 | ng | | 92 |
| 25) Isophorone | 7.61 | 82 | 657382 | 48.35 | ng | | 97 |
| 26) 2-Nitrophenol | 7.69 | 139 | 178562 | 49.06 | ng | # | 87 |
| 27) 2,4-Dimethylphenol | 7.72 | 122 | 283384 | 44.54 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.81 | 93 | 354096 | 45.71 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 269179 | 50.33 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.01 | 180 | 298778 | 50.32 | ng | | 95 |
| 31) Naphthalene | 8.09 | 128 | 981919 | 49.03 | ng | | 99 |
| 32) Benzoic acid | 7.87 | 122 | 241351 | 57.12 | ng | | 99 |
| 33) 4-Chloroaniline | 8.14 | 127 | 380687 | 46.55 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.20 | 225 | 162010 | 50.20 | ng | | 99 |
| 35) Caprolactam | 8.52 | 113 | 85271 | 45.01 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 292544 | 46.82 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.77 | 142 | 589492 | 46.74 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.94 | 216 | 285369 | 52.17 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.92 | 237 | 87193 | 48.24 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.06 | 196 | 184090 | 49.83 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.10 | 196 | 178532 | 46.08 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.24 | 154 | 803534 | 51.62 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.26 | 162 | 602787 | 52.67 | ng | | 96 |
| 47) 2-Nitroaniline | 9.37 | 65 | 187945 | 53.70 | ng | | 88 |
| 48) Acenaphthylene | 9.68 | 152 | 933629 | 50.06 | ng | | 100 |
| 49) Dimethylphthalate | 9.54 | 163 | 683697 | 48.85 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.61 | 165 | 142946 | 47.45 | ng | | 95 |
| 51) Acenaphthene | 9.85 | 154 | 536054 | 47.06 | ng | | 99 |
| 52) 3-Nitroaniline | 9.78 | 138 | 187894 | 54.49 | ng | | 93 |
| 53) 2,4-Dinitrophenol | 9.89 | 184 | 79254 | 61.40 | ng | # | 74 |
| 54) Dibenzofuran | 10.02 | 168 | 693228 | 47.02 | ng | | 98 |
| 55) 4-Nitrophenol | 9.95 | 139 | 110862 | 49.35 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 10.02 | 165 | 196245 | 51.25 | ng | # | 81 |
| 57) Fluorene | 10.36 | 166 | 616042 | 50.26 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.14 | 232 | 141040 | 52.38 | ng | | 96 |
| 59) Diethylphthalate | 10.24 | 149 | 641989 | 46.43 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.35 | 204 | 263980 | 44.05 | ng | | 95 |
| 61) 4-Nitroaniline | 10.40 | 138 | 190287 | 57.70 | ng | | 96 |
| 62) Azobenzene | 10.51 | 77 | 640530 | 48.21 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.43 | 198 | 111036 | 55.49 | ng | # | 52 |
| 65) n-Nitrosodiphenylamine | 10.48 | 169 | 540606 | 49.96 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.84 | 248 | 182261 | 52.14 | ng | | 99 |
| 67) Hexachlorobenzene | 10.91 | 284 | 191953 | 52.51 | ng | | 94 |
| 68) Atrazine | 11.00 | 200 | 154185 | 42.20 | ng | | 97 |
| 69) Pentachlorophenol | 11.10 | 266 | 92184 | 51.37 | ng | | 98 |
| 70) Phenanthrene | 11.32 | 178 | 940725 | 53.62 | ng | | 100 |
| 71) Anthracene | 11.37 | 178 | 919616 | 49.93 | ng | | 99 |
| 72) Carbazole | 11.53 | 167 | 768990 | 49.73 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.86 | 149 | 1061704 | 50.04 | ng | | 100 |
| 74) Fluoranthene | 12.51 | 202 | 966559 | 51.83 | ng | | 88 |
| 76) Benzidine | 12.63 | 184 | 504625 | 54.40 | ng | | 98 |
| 77) Pyrene | 12.73 | 202 | 953376 | 44.03 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.36 | 149 | 467154 | 51.52 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.92 | 228 | 788449 | 52.50 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.89 | 252 | 649473 | 62.31 | ng | # | 95 |
| 82) Chrysene | 13.96 | 228 | 825173 | 54.55 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.91 | 149 | 582676 | 53.67 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.52 | 149 | 998973 | 61.88 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.69 | 276 | 611457 | 52.34 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.95 | 252 | 820382m | 57.87 | ng | | |
| 88) Benzo(k)fluoranthene | 14.97 | 252 | 572340m | 44.79 | ng | | |
| 89) Benzo(a)pyrene | 15.28 | 252 | 633036 | 50.29 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.71 | 278 | 515720 | 44.10 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.11 | 276 | 490752 | 41.44 | ng | # | 94 |

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

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