Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
Data File : BM009531.D
Acq On : 04 Apr 2017 16:03
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC040

Quant Time: Apr 05 02:14:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 136139 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.64 | 136 | 580563 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 14.49 | 164 | 353003 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 17.24 | 188 | 866067 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.42 | 240 | 1147465 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 23.74 | 264 | 1046443 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 676786 | 82.86 | ng | | -0.02 |
| 7) Phenol-d6 | 7.00 | 99 | 987777 | 88.69 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.01 | 82 | 1264669 | 81.67 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 15.98 | 330 | 386160 | 88.06 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 13.10 | 172 | 2339979 | 79.87 | ng | | -0.02 |
| 78) Terphenyl-d14 | 19.86 | 244 | 4492166 | 81.81 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 149768 | 36.47 | ng | # | 100 |
| 3) Pyridine | 3.75 | 79 | 460079 | 39.64 | ng | # | 82 |
| 4) n-Nitrosodimethylamine | 3.67 | 42 | 254810 | 41.24 | ng | # | 66 |
| 6) Aniline | 7.18 | 93 | 645338 | 42.64 | ng | # | 89 |
| 8) 2-Chlorophenol | 7.40 | 128 | 360167 | 43.49 | ng | # | 73 |
| 9) Benzaldehyde | 6.99 | 77 | 329562 | 37.59 | ng | # | 79 |
| 10) Phenol | 7.03 | 94 | 523342 | 43.36 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 7.27 | 93 | 424130 | 42.88 | ng | # | 81 |
| 12) 1,3-Dichlorobenzene | 7.73 | 146 | 404152 | 40.76 | ng | # | 82 |
| 13) 1,4-Dichlorobenzene | 7.88 | 146 | 423324 | 41.32 | ng | # | 93 |
| 14) 1,2-Dichlorobenzene | 8.19 | 146 | 414457 | 41.66 | ng | # | 92 |
| 15) Benzyl Alcohol | 8.09 | 79 | 428511 | 44.01 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36 | 45 | 738889 | 42.98 | ng | | 93 |
| 17) 2-Methylphenol | 8.28 | 107 | 352713 | 44.67 | ng | # | 85 |
| 18) Hexachloroethane | 8.92 | 117 | 178798 | 42.66 | ng | # | 90 |
| 19) n-Nitroso-di-n-propylamine | 8.65 | 70 | 402816 | 44.86 | ng | # | 89 |
| 20) 3+4-Methylphenols | 8.61 | 107 | 485489 | 45.22 | ng | | 90 |
| 22) Acetophenone | 8.67 | 105 | 658865 | 40.24 | ng | # | 89 |
| 24) Nitrobenzene | 9.05 | 77 | 611651 | 40.32 | ng | | 90 |
| 25) Isophorone | 9.57 | 82 | 1003840 | 42.50 | ng | # | 90 |
| 26) 2-Nitrophenol | 9.76 | 139 | 193473 | 42.29 | ng | # | 48 |
| 27) 2,4-Dimethylphenol | 9.81 | 122 | 358069 | 42.78 | ng | # | 86 |
| 28) bis(2-Chloroethoxy)methane | 10.05 | 93 | 597260 | 40.84 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.29 | 162 | 367094 | 41.95 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.50 | 180 | 427303 | 39.36 | ng | | 100 |
| 31) Naphthalene | 10.69 | 128 | 1244066 | 40.37 | ng | | 99 |
| 32) Benzoic acid | 9.95 | 122 | 201085 | 34.76 | ng | # | 72 |
| 33) 4-Chloroaniline | 10.81 | 127 | 509872 | 42.89 | ng | # | 82 |
| 34) Hexachlorobutadiene | 10.96 | 225 | 286849 | 38.59 | ng | | 99 |
| 35) Caprolactam | 11.60 | 113 | 124893 | 46.75 | ng | # | 61 |
| 36) 4-Chloro-3-methylphenol | 11.92 | 107 | 439181 | 44.36 | ng | # | 78 |
| 37) 2-Methylnaphthalene | 12.30 | 142 | 879538 | 41.35 | ng | # | 93 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.67 | 216 | 509174 | 38.21 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.64 | 237 | 267924 | 35.03 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.91 | 196 | 317008 | 41.60 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 12.99 | 196 | 349659 | 41.12 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 13.32 | 154 | 1187431 | 40.42 | ng | | 95 |
| 46) 2-Chloronaphthalene | 13.36 | 162 | 916824 | 40.18 | ng | | 95 |
| 47) 2-Nitroaniline | 13.57 | 65 | 382595 | 45.51 | ng | # | 68 |
| 48) Acenaphthylene | 14.21 | 152 | 1541801 | 41.48 | ng | | 100 |
| 49) Dimethylphthalate | 13.95 | 163 | 1134214 | 41.85 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 14.07 | 165 | 260021 | 44.52 | ng | # | 71 |
| 51) Acenaphthene | 14.56 | 154 | 927614 | 41.37 | ng | | 99 |
| 52) 3-Nitroaniline | 14.40 | 138 | 266373 | 46.29 | ng | # | 63 |
| 53) 2,4-Dinitrophenol | 14.61 | 184 | 200970 | 53.00 | ng | | 92 |
| 54) Dibenzofuran | 14.89 | 168 | 1380201 | 41.62 | ng | | 93 |
| 55) 4-Nitrophenol | 14.70 | 139 | 207753 | 43.68 | ng | # | 23 |
| 56) 2,4-Dinitrotoluene | 14.86 | 165 | 360420 | 45.61 | ng | | 96 |
| 57) Fluorene | 15.54 | 166 | 1259784 | 42.26 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.12 | 232 | 308878 | 42.95 | ng | # | 100 |
| 59) Diethylphthalate | 15.31 | 149 | 1189343 | 43.26 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.53 | 204 | 646958 | 41.56 | ng | | 98 |
| 61) 4-Nitroaniline | 15.57 | 138 | 292748 | 46.84 | ng | # | 32 |
| 62) Azobenzene | 15.82 | 77 | 1415060 | 44.09 | ng | | 85 |
| 64) 4,6-Dinitro-2-methylphenol | 15.62 | 198 | 217608 | 39.88 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 15.75 | 169 | 1044903 | 39.72 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.43 | 248 | 390836 | 38.95 | ng | # | 92 |
| 67) Hexachlorobenzene | 16.54 | 284 | 425956 | 38.73 | ng | # | 91 |
| 68) Atrazine | 16.70 | 200 | 388396 | 39.26 | ng | | 97 |
| 69) Pentachlorophenol | 16.89 | 266 | 260114 | 38.71 | ng | | 97 |
| 70) Phenanthrene | 17.28 | 178 | 1991442 | 40.21 | ng | | 99 |
| 71) Anthracene | 17.37 | 178 | 2070514 | 41.29 | ng | | 99 |
| 72) Carbazole | 17.64 | 167 | 2045457 | 42.60 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.19 | 149 | 2110876 | 43.04 | ng | # | 98 |
| 74) Fluoranthene | 19.30 | 202 | 2469841 | 42.10 | ng | | 99 |
| 76) Benzidine | 19.49 | 184 | 1152841 | 33.71 | ng | | 100 |
| 77) Pyrene | 19.66 | 202 | 2658745 | 40.85 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.54 | 149 | 1018195 | 43.45 | ng | # | 72 |
| 80) Benzo(a)anthracene | 21.40 | 228 | 2746588 | 40.98 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.34 | 252 | 1056790 | 42.11 | ng | # | 98 |
| 82) Chrysene | 21.46 | 228 | 2604954 | 40.71 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.31 | 149 | 1516786 | 43.37 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.21 | 149 | 2594147 | 44.57 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 26.11 | 276 | 2943542 | 42.18 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 23.04 | 252 | 2673346 | 40.30 | ng | # | 94 |
| 88) Benzo(k)fluoranthene | 23.09 | 252 | 2732920 | 42.84 | ng | | 98 |
| 89) Benzo(a)pyrene | 23.64 | 252 | 2583838 | 42.07 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 26.12 | 278 | 2540636 | 42.22 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 26.84 | 276 | 2456231 | 41.87 | ng | # | 93 |

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

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