Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104446.D
Acq On : 12 Apr 2018 13:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Apr 12 17:07:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.81 | 152 | 124516 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 506895 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 240307 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.34 | 188 | 454356 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.99 | 240 | 370040 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.46 | 264 | 317700 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 596208 | 73.21 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 728635 | 72.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 653602 | 84.20 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 203357 | 81.58 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.17 | 172 | 1145682 | 75.32 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.93 | 244 | 1195620 | 73.66 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 139662 | 36.807 | ng | | 90 |
| 3) Pyridine | 3.26 | 79 | 391025 | 36.653 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.22 | 42 | 130067 | 34.878 | ng | # | 81 |
| 6) Aniline | 6.47 | 93 | 506110 | 36.408 | ng | | 98 |
| 8) 2-Chlorophenol | 6.60 | 128 | 324959 | 37.808 | ng | | 92 |
| 9) Benzaldehyde | 6.36 | 77 | 184562 | 34.986 | ng | | 96 |
| 10) Phenol | 6.46 | 94 | 419325 | 39.499 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.55 | 93 | 308398 | 36.403 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.75 | 146 | 369849 | 37.983 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.83 | 146 | 372427 | 38.369 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.98 | 146 | 342617 | 38.090 | ng | | 99 |
| 15) Benzyl Alcohol | 6.95 | 79 | 279149 | 36.733 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45 | 405218 | 35.617 | ng | | 92 |
| 17) 2-Methylphenol | 7.06 | 107 | 282254 | 37.779 | ng | | 98 |
| 18) Hexachloroethane | 7.32 | 117 | 133924 | 38.698 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70 | 222527 | 34.035 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 336903 | 36.359 | ng | # | 83 |
| 22) Acetophenone | 7.22 | 105 | 452298 | 36.243 | ng | | 95 |
| 24) Nitrobenzene | 7.40 | 77 | 348584 | 40.672 | ng | | 97 |
| 25) Isophorone | 7.63 | 82 | 597868 | 36.421 | ng | | 98 |
| 26) 2-Nitrophenol | 7.71 | 139 | 175760 | 50.374 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.75 | 122 | 254930 | 35.188 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 371438 | 37.008 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 264604 | 38.279 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 289732 | 38.192 | ng | | 99 |
| 31) Naphthalene | 8.12 | 128 | 943685 | 37.387 | ng | | 99 |
| 32) Benzoic acid | 7.87 | 122 | 215566 | 37.292 | ng | | 99 |
| 33) 4-Chloroaniline | 8.17 | 127 | 409392 | 37.859 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.23 | 225 | 162404 | 39.084 | ng | | 99 |
| 35) Caprolactam | 8.55 | 113 | 91450 | 37.924 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 285879 | 38.570 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.81 | 142 | 613392 | 37.569 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 268380 | 39.015 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.96 | 237 | 156903 | 40.742 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.09 | 196 | 185776 | 38.904 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.13 | 196 | 209643 | 39.232 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.27 | 154 | 751657 | 37.234 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.30 | 162 | 603114 | 37.823 | ng | | 100 |
| 47) 2-Nitroaniline | 9.40 | 65 | 186910 | 47.399 | ng | | 95 |
| 48) Acenaphthylene | 9.72 | 152 | 937983 | 37.492 | ng | | 100 |
| 49) Dimethylphthalate | 9.57 | 163 | 736884 | 38.886 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.64 | 165 | 158977 | 45.338 | ng | | 97 |
| 51) Acenaphthene | 9.89 | 154 | 550086 | 36.037 | ng | | 99 |
| 52) 3-Nitroaniline | 9.81 | 138 | 186631 | 45.464 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 74252 | 58.904 | ng | # | 18 |
| 54) Dibenzofuran | 10.06 | 168 | 797501 | 37.490 | ng | | 98 |
| 55) 4-Nitrophenol | 9.96 | 139 | 140950 | 43.710 | ng | | 100 |
| 56) 2,4-Dinitrotoluene | 10.05 | 165 | 211246 | 45.928 | ng | | 90 |
| 57) Fluorene | 10.40 | 166 | 612944 | 39.586 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 157896 | 39.606 | ng | | 95 |
| 59) Diethylphthalate | 10.27 | 149 | 715108 | 37.891 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204 | 280750 | 40.714 | ng | | 98 |
| 61) 4-Nitroaniline | 10.42 | 138 | 188163 | 46.879 | ng | | 99 |
| 62) Azobenzene | 10.56 | 77 | 659251 | 36.562 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 116289 | 51.856 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 10.52 | 169 | 574250 | 36.452 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.89 | 248 | 183001 | 37.866 | ng | # | 90 |
| 67) Hexachlorobenzene | 10.95 | 284 | 207540 | 38.165 | ng | | 91 |
| 68) Atrazine | 11.04 | 200 | 181959 | 38.265 | ng | | 99 |
| 69) Pentachlorophenol | 11.14 | 266 | 129237 | 38.415 | ng | | 97 |
| 70) Phenanthrene | 11.37 | 178 | 926374 | 36.612 | ng | | 99 |
| 71) Anthracene | 11.42 | 178 | 930557 | 36.179 | ng | | 99 |
| 72) Carbazole | 11.57 | 167 | 914410 | 36.382 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.90 | 149 | 1144924 | 37.292 | ng | | 99 |
| 74) Fluoranthene | 12.56 | 202 | 983789 | 37.213 | ng | | 98 |
| 76) Benzidine | 12.68 | 184 | 458295 | 35.312 | ng | | 99 |
| 77) Pyrene | 12.79 | 202 | 1008848 | 36.781 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.40 | 149 | 497679 | 38.514 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.98 | 228 | 846892 | 38.309 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.94 | 252 | 314171 | 38.116 | ng | | 98 |
| 82) Chrysene | 14.02 | 228 | 831554 | 36.621 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 668182 | 40.201 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.59 | 149 | 1028173 | 37.022 | ng | | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 666418 | 34.549 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.03 | 252 | 795962 | 39.668 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.07 | 252 | 687447 | 36.289 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.40 | 252 | 682465 | 38.013 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.93 | 278 | 551234 | 37.384 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.36 | 276 | 537992 | 37.660 | ng | | 94 |

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

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