Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104300.D
Acq On : 6 Apr 2018 12:27
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC025

Quant Time: Apr 06 13:49:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 13:46:59 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 137961 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 560176 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.84 | 164 | 266709 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 490539 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 410571 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.43 | 264 | 386016 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 445710 | 51.52 | ng | | 0.00 |
| 7) Phenol-d6 | 6.42 | 99 | 552056 | 51.87 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 420778 | 45.94 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 142854 | 48.10 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 878926 | 51.97 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.92 | 244 | 895536 | 50.36 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 102914 | 27.583 | ng | | 91 |
| 3) Pyridine | 3.24 | 79 | 283556 | 30.020 | ng | | 88 |
| 4) n-Nitrosodimethylamine | 3.19 | 42 | 99089 | 35.293 | ng | # | 87 |
| 6) Aniline | 6.46 | 93 | 381500 | 29.942 | ng | | 99 |
| 8) 2-Chlorophenol | 6.58 | 128 | 241715 | 25.471 | ng | | 97 |
| 9) Benzaldehyde | 6.35 | 77 | 160272 | 28.372 | ng | | 97 |
| 10) Phenol | 6.43 | 94 | 293221 | 24.864 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.54 | 93 | 234437 | 23.070 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 269557 | 25.270 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 269919 | 23.615 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 252489 | 24.577 | ng | | 98 |
| 15) Benzyl Alcohol | 6.94 | 79 | 213560 | 30.861 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 312672 | 28.242 | ng | | 95 |
| 17) 2-Methylphenol | 7.05 | 107 | 206066 | 26.680 | ng | | 98 |
| 18) Hexachloroethane | 7.32 | 117 | 95763 | 25.024 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 175039 | 27.712 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 263338 | 26.715 | ng | # | 78 |
| 22) Acetophenone | 7.21 | 105 | 353647 | 26.093 | ng | | 98 |
| 24) Nitrobenzene | 7.39 | 77 | 237065 | 24.598 | ng | | 97 |
| 25) Isophorone | 7.62 | 82 | 444677 | 26.342 | ng | | 98 |
| 26) 2-Nitrophenol | 7.70 | 139 | 91004 | 18.089 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 192997 | 26.600 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 278494 | 26.323 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 192429 | 25.392 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 213368 | 24.815 | ng | | 98 |
| 31) Naphthalene | 8.11 | 128 | 715524 | 26.146 | ng | | 100 |
| 32) Benzoic acid | 7.83 | 122 | 142908 | 26.887 | ng | | 98 |
| 33) 4-Chloroaniline | 8.16 | 127 | 307207 | 26.627 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 118904 | 25.412 | ng | | 97 |
| 35) Caprolactam | 8.52 | 113 | 67067 | 27.910 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 8.63 | 107 | 207775 | 25.921 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 464382 | 25.761 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 196780 | 24.060 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 8.95 | 237 | 104843 | 31.117 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.07 | 196 | 131980 | 25.484 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.10 | 196 | 152549 | 24.396 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.26 | 154 | 573520 | 25.054 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.29 | 162 | 451946 | 25.029 | ng | | 99 |
| 47) 2-Nitroaniline | 9.38 | 65 | 105840 | 20.556 | ng | | 95 |
| 48) Acenaphthylene | 9.70 | 152 | 716350 | 26.187 | ng | | 99 |
| 49) Dimethylphthalate | 9.56 | 163 | 531334 | 25.232 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.62 | 165 | 100381 | 22.157 | ng | | 94 |
| 51) Acenaphthene | 9.87 | 154 | 431164 | 27.246 | ng | | 99 |
| 52) 3-Nitroaniline | 9.79 | 138 | 116671 | 22.403 | ng | # | 96 |
| 53) 2,4-Dinitrophenol | 9.89 | 184 | 21996 | 12.839 | ng | # | 23 |
| 54) Dibenzofuran | 10.05 | 168 | 611467 | 26.460 | ng | | 99 |
| 55) 4-Nitrophenol | 9.94 | 139 | 91054 | 29.160 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.02 | 165 | 123314 | 21.331 | ng | | 95 |
| 57) Fluorene | 10.39 | 166 | 462419 | 24.258 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 113823 | 24.296 | ng | | 96 |
| 59) Diethylphthalate | 10.26 | 149 | 533888 | 26.466 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.38 | 204 | 206717 | 23.611 | ng | | 97 |
| 61) 4-Nitroaniline | 10.40 | 138 | 115811 | 23.766 | ng | | 100 |
| 62) Azobenzene | 10.55 | 77 | 513766 | 28.165 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.43 | 198 | 43237 | 14.561 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 10.50 | 169 | 434449 | 26.151 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.87 | 248 | 131698 | 25.095 | ng | | 92 |
| 67) Hexachlorobenzene | 10.93 | 284 | 148958 | 24.675 | ng | | 93 |
| 68) Atrazine | 11.03 | 200 | 135217 | 26.568 | ng | | 98 |
| 69) Pentachlorophenol | 11.12 | 266 | 93699 | 28.206 | ng | | 97 |
| 70) Phenanthrene | 11.35 | 178 | 703826 | 26.501 | ng | | 99 |
| 71) Anthracene | 11.40 | 178 | 710930 | 25.627 | ng | | 100 |
| 72) Carbazole | 11.56 | 167 | 696628 | 26.311 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.89 | 149 | 857569 | 27.192 | ng | | 99 |
| 74) Fluoranthene | 12.54 | 202 | 733555 | 25.985 | ng | | 98 |
| 76) Benzidine | 12.66 | 184 | 393327 | 33.617 | ng | | 99 |
| 77) Pyrene | 12.77 | 202 | 760552 | 25.769 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.39 | 149 | 353863 | 25.449 | ng | | 97 |
| 80) Benzo(a)anthracene | 13.96 | 228 | 610643 | 23.770 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.93 | 252 | 235845 | 27.735 | ng | | 96 |
| 82) Chrysene | 14.00 | 228 | 635245 | 25.246 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 468205 | 26.060 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.57 | 149 | 780546 | 25.256 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.86 | 276 | 551271 | 21.142 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 15.00 | 252 | 586268 | 24.955 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.03 | 252 | 603114 | 27.253 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.36 | 252 | 548604 | 25.200 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.88 | 278 | 460387 | 22.873 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.29 | 276 | 437416 | 21.696 | ng | | 98 |

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

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