Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097021.D
Acq On : 25 Jul 2017 11:37
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 25 13:21:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 13:17:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.50 | 152 | 141444 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.79 | 136 | 589479 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.53 | 164 | 248178 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.00 | 188 | 400854 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.63 | 240 | 235182 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 14.97 | 264 | 241086 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.10 | 112 | 876915 | 93.22 | ng | | 0.00 |
| 7) Phenol-d6 | 6.17 | 99 | 996681 | 88.29 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.08 | 82 | 975018 | 102.45 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.32 | 330 | 185481 | 87.56 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.87 | 172 | 1390807 | 88.54 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.59 | 244 | 1154866 | 85.16 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.05 | 88 | 198773 | 41.065 | ng | # | 73 |
| 3) Pyridine | 2.66 | 79 | 630589 | 61.988 | ng | # | 64 |
| 4) n-Nitrosodimethylamine | 2.63 | 42 | 336126 | 59.085 | ng | | 82 |
| 6) Aniline | 6.17 | 93 | 629901 | 45.299 | ng | # | 71 |
| 8) 2-Chlorophenol | 6.29 | 128 | 470214 | 46.333 | ng | | 92 |
| 9) Benzaldehyde | 6.05 | 77 | 258852 | 39.672 | ng | | 99 |
| 10) Phenol | 6.19 | 94 | 602621 | 47.222 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.25 | 93 | 480407 | 50.060 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 6.44 | 146 | 525468 | 48.711 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.52 | 146 | 519168 | 47.523 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.67 | 146 | 427520 | 43.025 | ng | | 98 |
| 15) Benzyl Alcohol | 6.66 | 79 | 310435 | 42.003 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.80 | 45 | 978045 | 49.384 | ng | | 95 |
| 17) 2-Methylphenol | 6.79 | 107 | 370669 | 46.969 | ng | # | 90 |
| 18) Hexachloroethane | 7.01 | 117 | 190154 | 49.088 | ng | # | 80 |
| 19) n-Nitroso-di-n-propylamine | 6.94 | 70 | 329474 | 48.445 | ng | # | 84 |
| 20) 3+4-Methylphenols | 6.95 | 107 | 481994 | 50.331 | ng | # | 64 |
| 22) Acetophenone | 6.93 | 105 | 672788 | 51.065 | ng | | 98 |
| 24) Nitrobenzene | 7.10 | 77 | 511673 | 51.986 | ng | | 92 |
| 25) Isophorone | 7.34 | 82 | 952774 | 53.817 | ng | | 97 |
| 26) 2-Nitrophenol | 7.41 | 139 | 283797 | 51.855 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 7.47 | 122 | 444540 | 49.373 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.56 | 93 | 624318 | 52.187 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.66 | 162 | 383951 | 47.111 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.73 | 180 | 366548 | 47.303 | ng | | 97 |
| 31) Naphthalene | 7.81 | 128 | 1307259 | 46.813 | ng | | 100 |
| 32) Benzoic acid | 7.65 | 122 | 375529 | 65.257 | ng | | 92 |
| 33) 4-Chloroaniline | 7.87 | 127 | 536485 | 48.490 | ng | | 98 |
| 34) Hexachlorobutadiene | 7.93 | 225 | 201335 | 48.671 | ng | | 99 |
| 35) Caprolactam | 8.26 | 113 | 131628 | 50.405 | ng | # | 58 |
| 36) 4-Chloro-3-methylphenol | 8.37 | 107 | 436043 | 49.758 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.50 | 142 | 834167 | 46.855 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.67 | 216 | 323025 | 48.149 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.66 | 237 | 114379 | 51.298 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.79 | 196 | 236705 | 47.832 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.83 | 196 | 239738 | 48.035 | ng | | 99 |
| 45) 1,1'-Biphenyl | 8.97 | 154 | 978641 | 45.978 | ng | | 98 |
| 46) 2-Chloronaphthalene | 8.99 | 162 | 728817 | 46.501 | ng | # | 92 |
| 47) 2-Nitroaniline | 9.09 | 65 | 277045 | 51.424 | ng | | 97 |
| 48) Acenaphthylene | 9.40 | 152 | 1097259 | 43.939 | ng | | 99 |
| 49) Dimethylphthalate | 9.28 | 163 | 896366 | 47.967 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.33 | 165 | 199385 | 49.260 | ng | # | 76 |
| 51) Acenaphthene | 9.57 | 154 | 657145 | 44.545 | ng | | 96 |
| 52) 3-Nitroaniline | 9.50 | 138 | 237133 | 49.454 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 9.62 | 184 | 100934 | 59.279 | ng | # | 72 |
| 54) Dibenzofuran | 9.74 | 168 | 877328 | 42.439 | ng | | 98 |
| 55) 4-Nitrophenol | 9.69 | 139 | 153064 | 43.694 | ng | # | 63 |
| 56) 2,4-Dinitrotoluene | 9.74 | 165 | 219201 | 42.145 | ng | # | 51 |
| 57) Fluorene | 10.08 | 166 | 674394 | 44.146 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.86 | 232 | 167093 | 48.274 | ng | | 97 |
| 59) Diethylphthalate | 9.97 | 149 | 841526 | 46.259 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.07 | 204 | 274390 | 42.720 | ng | | 100 |
| 61) 4-Nitroaniline | 10.12 | 138 | 238029 | 52.863 | ng | | 90 |
| 62) Azobenzene | 10.23 | 77 | 808119 | 50.355 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.15 | 198 | 141229 | 56.115 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 10.20 | 169 | 673407 | 46.996 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 10.56 | 248 | 196735 | 48.071 | ng | | 97 |
| 67) Hexachlorobenzene | 10.63 | 284 | 216668 | 47.534 | ng | # | 88 |
| 68) Atrazine | 10.73 | 200 | 189848 | 46.505 | ng | | 95 |
| 69) Pentachlorophenol | 10.83 | 266 | 101151 | 45.936 | ng | | 97 |
| 70) Phenanthrene | 11.03 | 178 | 1001231 | 45.937 | ng | | 99 |
| 71) Anthracene | 11.09 | 178 | 1021007 | 46.331 | ng | | 99 |
| 72) Carbazole | 11.25 | 167 | 1028383 | 48.189 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.59 | 149 | 1289556 | 48.521 | ng | | 98 |
| 74) Fluoranthene | 12.21 | 202 | 971112 | 46.548 | ng | | 98 |
| 76) Benzidine | 12.33 | 184 | 423135 | 54.919 | ng | | 98 |
| 77) Pyrene | 12.43 | 202 | 1024539 | 48.001 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.07 | 149 | 542989 | 53.543 | ng | # | 78 |
| 80) Benzo(a)anthracene | 13.62 | 228 | 807346 | 55.095 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.59 | 252 | 300801 | 57.084 | ng | # | 96 |
| 82) Chrysene | 13.66 | 228 | 771917 | 53.509 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.63 | 149 | 671671 | 54.386 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.24 | 149 | 1221356 | 59.827 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 16.21 | 276 | 640266 | 48.902 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.62 | 252 | 666817 | 45.860 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 14.64 | 252 | 669700 | 48.639 | ng | | 96 |
| 89) Benzo(a)pyrene | 14.93 | 252 | 647779 | 48.574 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.22 | 278 | 505160 | 41.166 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 16.57 | 276 | 556604 | 42.358 | ng | | 99 |

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

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