Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103682.D
Acq On : 15 Mar 2018 21:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040EC

Quant Time: Mar 16 04:31:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 154300 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 645110 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 300184 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.50 | 188 | 529565 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.15 | 240 | 402756 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.68 | 264 | 326235 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 818411 | 80.67 | ng | 0.00 |
| 7) Phenol-d6 | 6.59 | 99 | 999870 | 80.56 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 859754 | 92.94 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 235673 | 91.31 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.33 | 172 | 1453690 | 77.25 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.09 | 244 | 1371991 | 79.07 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.83 | 88 | 201532 | 40.345 | ng | 92 |
| 3) Pyridine | 3.60 | 79 | 549253 | 39.976 | ng | 91 |
| 4) n-Nitrosodimethylamine | 3.56 | 42 | 201346 | 39.745 | ng | 94 |
| 6) Aniline | 6.63 | 93 | 722373 | 40.761 | ng | 97 |
| 8) 2-Chlorophenol | 6.75 | 128 | 436241 | 41.050 | ng | 97 |
| 9) Benzaldehyde | 6.52 | 77 | 328815 | 40.327 | ng | 99 |
| 10) Phenol | 6.60 | 94 | 530336 | 40.212 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.70 | 93 | 437852 | 40.217 | ng | 94 |
| 12) 1,3-Dichlorobenzene | 6.91 | 146 | 488778 | 40.382 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.99 | 146 | 485819 | 39.944 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.14 | 146 | 455887 | 40.393 | ng | 99 |
| 15) Benzyl Alcohol | 7.10 | 79 | 394620 | 41.036 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45 | 618768 | 39.959 | ng | 96 |
| 17) 2-Methylphenol | 7.20 | 107 | 385000 | 40.682 | ng | 97 |
| 18) Hexachloroethane | 7.48 | 117 | 180127 | 42.103 | ng | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70 | 319148 | 40.124 | ng | 95 |
| 20) 3+4-Methylphenols | 7.36 | 107 | 494617 | 41.183 | ng | 96 |
| 22) Acetophenone | 7.37 | 105 | 649637 | 39.183 | ng | 96 |
| 24) Nitrobenzene | 7.55 | 77 | 482031 | 44.384 | ng | 99 |
| 25) Isophorone | 7.79 | 82 | 841509 | 39.296 | ng | 98 |
| 26) 2-Nitrophenol | 7.86 | 139 | 196051 | 47.556 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.89 | 122 | 376576 | 41.048 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93 | 513579 | 39.605 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.10 | 162 | 347475 | 41.631 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.19 | 180 | 386427 | 39.917 | ng | 99 |
| 31) Naphthalene | 8.27 | 128 | 1283080 | 39.373 | ng | 99 |
| 32) Benzoic acid | 8.00 | 122 | 301722 | 46.897 | ng | 97 |
| 33) 4-Chloroaniline | 8.32 | 127 | 552699 | 40.427 | ng | 99 |
| 34) Hexachlorobutadiene | 8.39 | 225 | 210054 | 39.576 | ng | 100 |
| 35) Caprolactam | 8.69 | 113 | 118951 | 41.388 | ng | 90 |
| 36) 4-Chloro-3-methylphenol | 8.79 | 107 | 382974 | 41.621 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 826825 | 40.010 | ng | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 348865 | 40.737 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 9.12 | 237 | 200021 | 45.264 | ng | 98 |

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|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.23 | 196 | 239397 | 43.704 ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.27 | 196 | 270328 | 43.724 ng | | 98 |
| 45) 1,1'-Biphenyl | 9.43 | 154 | 998609 | 39.895 ng | | 100 |
| 46) 2-Chloronaphthalene | 9.46 | 162 | 793875 | 39.931 ng | | 99 |
| 47) 2-Nitroaniline | 9.55 | 65 | 239324 | 46.298 ng | | 94 |
| 48) Acenaphthylene | 9.87 | 152 | 1221153 | 39.610 ng | | 99 |
| 49) Dimethylphthalate | 9.73 | 163 | 912232 | 39.831 ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.79 | 165 | 194183 | 44.176 ng | | 90 |
| 51) Acenaphthene | 10.05 | 154 | 743591 | 40.621 ng | | 100 |
| 52) 3-Nitroaniline | 9.96 | 138 | 233072 | 44.221 ng | | 97 |
| 53) 2,4-Dinitrophenol | 10.06 | 184 | 53259 | 52.942 ng | # | 37 |
| 54) Dibenzofuran | 10.22 | 168 | 1036265 | 39.636 ng | | 98 |
| 55) 4-Nitrophenol | 10.10 | 139 | 177276 | 44.622 ng | | 95 |
| 56) 2,4-Dinitrotoluene | 10.19 | 165 | 250914 | 45.130 ng | | 97 |
| 57) Fluorene | 10.56 | 166 | 797856 | 39.328 ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 200444 | 45.754 ng | | 97 |
| 59) Diethylphthalate | 10.43 | 149 | 907237 | 39.911 ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.55 | 204 | 369939 | 39.900 ng | | 94 |
| 61) 4-Nitroaniline | 10.57 | 138 | 224187 | 44.192 ng | | 94 |
| 62) Azobenzene | 10.71 | 77 | 907673 | 39.275 ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198 | 100799 | 50.477 ng | | 93 |
| 65) n-Nitrosodiphenylamine | 10.67 | 169 | 728365 | 40.408 ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 11.04 | 248 | 223038 | 41.020 ng | | 96 |
| 67) Hexachlorobenzene | 11.10 | 284 | 249707 | 40.238 ng | | 98 |
| 68) Atrazine | 11.19 | 200 | 228507 | 40.980 ng | | 99 |
| 69) Pentachlorophenol | 11.30 | 266 | 160593 | 45.012 ng | | 97 |
| 70) Phenanthrene | 11.53 | 178 | 1150977 | 39.732 ng | | 99 |
| 71) Anthracene | 11.58 | 178 | 1158958 | 39.391 ng | | 100 |
| 72) Carbazole | 11.73 | 167 | 1131474 | 39.566 ng | | 99 |
| 73) Di-n-butylphthalate | 12.05 | 149 | 1401760 | 40.852 ng | | 99 |
| 74) Fluoranthene | 12.72 | 202 | 1171601 | 39.257 ng | | 100 |
| 76) Benzidine | 12.84 | 184 | 710321 | 41.351 ng | | 98 |
| 77) Pyrene | 12.95 | 202 | 1216790 | 41.138 ng | | 100 |
| 79) Butylbenzylphthalate | 13.56 | 149 | 566094 | 43.198 ng | | 94 |
| 80) Benzo(a)anthracene | 14.14 | 228 | 1016299 | 39.864 ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.10 | 252 | 358279 | 42.013 ng | | 100 |
| 82) Chrysene | 14.18 | 228 | 972717 | 40.025 ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149 | 810870 | 43.313 ng | | 99 |
| 84) Di-n-octyl phthalate | 14.74 | 149 | 1191062 | 43.731 ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.24 | 276 | 763369 | 35.968 ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.23 | 252 | 835916 | 40.557 ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.26 | 252 | 855446 | 43.177 ng | | 99 |
| 89) Benzo(a)pyrene | 15.62 | 252 | 767540 | 41.058 ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.26 | 278 | 637389 | 39.376 ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.72 | 276 | 614880 | 39.046 ng | | 96 |

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

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