Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104561.D
Acq On : 17 Apr 2018 15:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 17 17:08:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 17:08:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 137435 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 573384 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 263006 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 487073 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.98 | 240 | 368702 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 317435 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 678572 | 75.50 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 851200 | 77.08 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 771576 | 87.87 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 224485 | 82.28 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.17 | 172 | 1253089 | 75.27 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.92 | 244 | 1238407 | 76.58 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 168674 | 40.274 | ng | # | 90 |
| 3) Pyridine | 3.25 | 79 | 458467 | 38.935 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.22 | 42 | 152375 | 37.019 | ng | | 79 |
| 6) Aniline | 6.47 | 93 | 589256 | 38.405 | ng | | 98 |
| 8) 2-Chlorophenol | 6.59 | 128 | 381085 | 40.170 | ng | | 94 |
| 9) Benzaldehyde | 6.36 | 77 | 205557 | 35.434 | ng | | 92 |
| 10) Phenol | 6.46 | 94 | 473777 | 40.433 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 6.55 | 93 | 367381 | 39.289 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.75 | 146 | 424761 | 39.522 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 424521 | 39.625 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 395652 | 39.852 | ng | | 99 |
| 15) Benzyl Alcohol | 6.95 | 79 | 320793 | 38.245 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 485314 | 38.647 | ng | | 92 |
| 17) 2-Methylphenol | 7.06 | 107 | 331526 | 40.202 | ng | | 97 |
| 18) Hexachloroethane | 7.32 | 117 | 155262 | 40.647 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 249141 | 34.524 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 378051 | 36.964 | ng | # | 70 |
| 22) Acetophenone | 7.22 | 105 | 509155 | 36.068 | ng | # | 98 |
| 24) Nitrobenzene | 7.39 | 77 | 409990 | 42.290 | ng | | 98 |
| 25) Isophorone | 7.63 | 82 | 707698 | 38.112 | ng | | 98 |
| 26) 2-Nitrophenol | 7.70 | 139 | 211824 | 53.670 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.75 | 122 | 302259 | 36.883 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93 | 434065 | 38.233 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 306714 | 39.226 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 336059 | 39.162 | ng | | 98 |
| 31) Naphthalene | 8.12 | 128 | 1100088 | 38.530 | ng | | 100 |
| 32) Benzoic acid | 7.88 | 122 | 291982 | 44.655 | ng | | 98 |
| 33) 4-Chloroaniline | 8.16 | 127 | 486182 | 39.747 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.23 | 225 | 182211 | 38.766 | ng | | 99 |
| 35) Caprolactam | 8.55 | 113 | 106728 | 39.127 | ng | # | 81 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 330731 | 39.447 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 711572 | 38.529 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 307349 | 40.823 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.95 | 237 | 167389 | 39.714 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.08 | 196 | 215373 | 41.209 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.13 | 196 | 244234 | 41.760 | ng | | 94 |
| 45) 1,1'-Biphenyl | 9.27 | 154 | 857477 | 38.810 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.29 | 162 | 692373 | 39.674 | ng | | 99 |
| 47) 2-Nitroaniline | 9.39 | 65 | 216954 | 50.270 | ng | | 98 |
| 48) Acenaphthylene | 9.71 | 152 | 1063759 | 38.850 | ng | | 100 |
| 49) Dimethylphthalate | 9.57 | 163 | 819864 | 39.530 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.63 | 165 | 183716 | 47.871 | ng | | 98 |
| 51) Acenaphthene | 9.88 | 154 | 614422 | 36.778 | ng | | 100 |
| 52) 3-Nitroaniline | 9.80 | 138 | 218986 | 48.741 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 9.91 | 184 | 81338 | 58.940 | ng | # | 20 |
| 54) Dibenzofuran | 10.05 | 168 | 898173 | 38.578 | ng | | 97 |
| 55) 4-Nitrophenol | 9.97 | 139 | 155289 | 44.000 | ng | | 88 |
| 56) 2,4-Dinitrotoluene | 10.04 | 165 | 237393 | 47.158 | ng | | 94 |
| 57) Fluorene | 10.40 | 166 | 683227 | 40.317 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 175926 | 40.320 | ng | | 94 |
| 59) Diethylphthalate | 10.27 | 149 | 782674 | 37.891 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.39 | 204 | 313671 | 41.562 | ng | | 97 |
| 61) 4-Nitroaniline | 10.42 | 138 | 217960 | 49.616 | ng | | 96 |
| 62) Azobenzene | 10.55 | 77 | 747699 | 37.889 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 130152 | 53.816 | ng | # | 75 |
| 65) n-Nitrosodiphenylamine | 10.51 | 169 | 637996 | 37.778 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.88 | 248 | 199260 | 38.461 | ng | # | 87 |
| 67) Hexachlorobenzene | 10.95 | 284 | 231389 | 39.692 | ng | # | 87 |
| 68) Atrazine | 11.04 | 200 | 198624 | 38.964 | ng | | 97 |
| 69) Pentachlorophenol | 11.14 | 266 | 133122 | 36.912 | ng | | 98 |
| 70) Phenanthrene | 11.36 | 178 | 1011496 | 37.290 | ng | | 99 |
| 71) Anthracene | 11.41 | 178 | 1041544 | 37.774 | ng | | 100 |
| 72) Carbazole | 11.57 | 167 | 1009347 | 37.462 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.89 | 149 | 1197570 | 36.386 | ng | | 100 |
| 74) Fluoranthene | 12.55 | 202 | 1051979 | 37.120 | ng | | 98 |
| 76) Benzidine | 12.67 | 184 | 520799 | 42.365 | ng | | 99 |
| 77) Pyrene | 12.78 | 202 | 1079232 | 39.490 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.40 | 149 | 512242 | 39.785 | ng | | 96 |
| 80) Benzo(a)anthracene | 13.97 | 228 | 900402 | 40.878 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.93 | 252 | 324731 | 39.540 | ng | | 98 |
| 82) Chrysene | 14.01 | 228 | 880321 | 38.910 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149 | 664431 | 40.121 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.57 | 149 | 1011520 | 36.554 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.89 | 276 | 707065 | 36.789 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.02 | 252 | 838526 | 41.825 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.05 | 252 | 736803 | 38.927 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.38 | 252 | 724830 | 40.406 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.91 | 278 | 581671 | 39.481 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.33 | 276 | 580489 | 40.668 | ng | | 97 |

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

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