Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (QT Reviewed)

Data File : BF095824.D
Acq On : 9 Jun 2017 16:32
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 12 06:04:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.37 | 152 | 74685 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 9.40 | 136 | 313347 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 12.23 | 164 | 146046 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 14.62 | 188 | 271570 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 18.34 | 240 | 226928 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 20.00 | 264 | 180228 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.25 | 112 | 393057 | 83.86 | ng | | -0.03 |
| 7) Phenol-d6 | 6.93 | 99 | 478491 | 85.28 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 8.30 | 82 | 410322 | 81.32 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.53 | 330 | 110058 | 85.17 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 11.19 | 172 | 824131 | 78.53 | ng | | -0.03 |
| 78) Terphenyl-d14 | 17.00 | 244 | 724393 | 79.22 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.68 | 88 | 85755 | 38.46 | ng | | 91 |
| 3) Pyridine | 2.22 | 79 | 208042 | 39.70 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 2.20 | 42 | 80095 | 40.20 | ng | | 84 |
| 6) Aniline | 6.87 | 93 | 305641 | 41.64 | ng | | 95 |
| 8) 2-Chlorophenol | 7.06 | 128 | 206706 | 41.48 | ng | | 97 |
| 9) Benzaldehyde | 6.67 | 77 | 143618 | 37.94 | ng | | 94 |
| 10) Phenol | 6.95 | 94 | 253290 | 43.52 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.02 | 93 | 199845 | 43.34 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.27 | 146 | 229496 | 40.69 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.40 | 146 | 233755 | 40.86 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.63 | 146 | 220675 | 41.85 | ng | | 94 |
| 15) Benzyl Alcohol | 7.67 | 79 | 166898 | 43.34 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.87 | 45 | 262907 | 40.58 | ng | | 96 |
| 17) 2-Methylphenol | 7.90 | 107 | 177893 | 42.54 | ng | | 97 |
| 18) Hexachloroethane | 8.15 | 117 | 78929 | 41.78 | ng | # | 85 |
| 19) n-Nitroso-di-n-propylamine | 8.10 | 70 | 155443 | 43.71 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.16 | 107 | 235728 | 44.40 | ng | # | 58 |
| 22) Acetophenone | 8.06 | 105 | 301336 | 41.09 | ng | # | 83 |
| 24) Nitrobenzene | 8.32 | 77 | 219849 | 40.79 | ng | | 94 |
| 25) Isophorone | 8.73 | 82 | 381744 | 40.52 | ng | | 95 |
| 26) 2-Nitrophenol | 8.83 | 139 | 117739 | 41.72 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 8.98 | 122 | 182201 | 41.60 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.10 | 93 | 254224 | 40.94 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 9.26 | 162 | 171824 | 40.73 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 9.33 | 180 | 175329 | 39.95 | ng | | 97 |
| 31) Naphthalene | 9.44 | 128 | 632865 | 40.24 | ng | | 99 |
| 32) Benzoic acid | 9.35 | 122 | 106688 | 39.94 | ng | | 93 |
| 33) 4-Chloroaniline | 9.58 | 127 | 261657 | 42.57 | ng | # | 92 |
| 34) Hexachlorobutadiene | 9.66 | 225 | 89066 | 39.27 | ng | | 99 |
| 35) Caprolactam | 10.23 | 113 | 58156m | 46.33 | ng | | |
| 36) 4-Chloro-3-methylphenol | 10.46 | 107 | 184040 | 41.68 | ng | | 92 |
| 37) 2-Methylnaphthalene | 10.56 | 142 | 432551 | 40.71 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.85 | 216 | 171024 | 39.13 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 10.82 | 237 | 40241 | 36.49 | ng | | 98 |

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

Quant Time: Jun 12 06:04:37 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 11.07 | 196 | 113350 | 40.33 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 11.16 | 196 | 118230 | 39.55 | ng | # | 93 |
| 45) 1,1'-Biphenyl | 11.33 | 154 | 477910 | 39.70 | ng | | 98 |
| 46) 2-Chloronaphthalene | 11.35 | 162 | 373982 | 39.76 | ng | | 94 |
| 47) 2-Nitroaniline | 11.57 | 65 | 114873 | 41.74 | ng | # | 82 |
| 48) Acenaphthylene | 12.00 | 152 | 640877 | 39.85 | ng | | 98 |
| 49) Dimethylphthalate | 11.89 | 163 | 443421 | 39.99 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 11.99 | 165 | 100418 | 41.52 | ng | # | 82 |
| 51) Acenaphthene | 12.29 | 154 | 373656 | 40.23 | ng | | 99 |
| 52) 3-Nitroaniline | 12.25 | 138 | 120160 | 42.64 | ng | | 89 |
| 53) 2,4-Dinitrophenol | 12.47 | 184 | 48564 | 39.07 | ng | # | 61 |
| 54) Dibenzofuran | 12.57 | 168 | 526686 | 40.29 | ng | | 97 |
| 55) 4-Nitrophenol | 12.66 | 139 | 59317 | 38.59 | ng | # | 71 |
| 56) 2,4-Dinitrotoluene | 12.65 | 165 | 140547 | 43.02 | ng | # | 92 |
| 57) Fluorene | 13.12 | 166 | 461015 | 40.52 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 12.82 | 232 | 84335 | 41.23 | ng | # | 92 |
| 59) Diethylphthalate | 13.03 | 149 | 432938 | 40.57 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 13.15 | 204 | 197246 | 39.87 | ng | | 89 |
| 61) 4-Nitroaniline | 13.25 | 138 | 114498 | 43.52 | ng | | 94 |
| 62) Azobenzene | 13.41 | 77 | 385517 | 39.86 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 13.33 | 198 | 73701 | 41.29 | ng | # | 66 |
| 65) n-Nitrosodiphenylamine | 13.36 | 169 | 384495 | 39.40 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 13.93 | 248 | 110392 | 39.11 | ng | | 94 |
| 67) Hexachlorobenzene | 14.02 | 284 | 114111 | 41.03 | ng | # | 90 |
| 68) Atrazine | 14.29 | 200 | 108411 | 39.92 | ng | | 96 |
| 69) Pentachlorophenol | 14.38 | 266 | 33642 | 35.87 | ng | | 93 |
| 70) Phenanthrene | 14.66 | 178 | 633032 | 40.40 | ng | | 99 |
| 71) Anthracene | 14.74 | 178 | 662685 | 40.51 | ng | | 97 |
| 72) Carbazole | 15.04 | 167 | 673660 | 42.26 | ng | | 97 |
| 73) Di-n-butylphthalate | 15.63 | 149 | 702971 | 41.45 | ng | | 98 |
| 74) Fluoranthene | 16.44 | 202 | 656978 | 42.36 | ng | | 99 |
| 76) Benzidine | 16.66 | 184 | 295677 | 33.93 | ng | # | 93 |
| 77) Pyrene | 16.74 | 202 | 684883 | 40.45 | ng | | 99 |
| 79) Butylbenzylphthalate | 17.66 | 149 | 298824 | 40.41 | ng | # | 86 |
| 80) Benzo(a)anthracene | 18.33 | 228 | 537168 | 40.71 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 18.32 | 252 | 191689 | 40.87 | ng | # | 96 |
| 82) Chrysene | 18.37 | 228 | 532971 | 40.42 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 18.42 | 149 | 414330 | 39.72 | ng | # | 100 |
| 84) Di-n-octyl phthalate | 19.19 | 149 | 657787 | 38.27 | ng | | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 21.18 | 276 | 384663 | 34.10 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 19.60 | 252 | 488011 | 43.24 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 19.63 | 252 | 436008 | 40.42 | ng | | 97 |
| 89) Benzo(a)pyrene | 19.95 | 252 | 426056 | 41.08 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 21.18 | 278 | 324343 | 36.86 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 21.50 | 276 | 335119 | 37.36 | ng | | 98 |

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

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