Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094513.D
Acq On : 19 Apr 2017 13:40
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 20 04:02:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.77 | 152 | 129304 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.27 | 136 | 526256 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.40 | 164 | 238213 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.22 | 188 | 454217 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.47 | 240 | 416895 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 16.09 | 264 | 369138 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.32 | 112 | 638769 | 81.96 | ng | | 0.02 |
| 7) Phenol-d6 | 5.40 | 99 | 735868 | 80.09 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 6.42 | 82 | 664231 | 77.94 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.38 | 330 | 159462 | 85.58 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.59 | 172 | 1201839 | 74.23 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.20 | 244 | 1200792 | 76.99 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.10 | 88 | 190210 | 41.96 | ng | | 95 |
| 3) Pyridine | 2.62 | 79 | 406029 | 40.99 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.57 | 42 | 157039 | 38.31 | ng | | 87 |
| 6) Aniline | 5.40 | 93 | 488769 | 40.03 | ng | | 92 |
| 8) 2-Chlorophenol | 5.54 | 128 | 367295 | 41.41 | ng | | 98 |
| 9) Benzaldehyde | 5.27 | 77 | 240251 | 34.37 | ng | | 99 |
| 10) Phenol | 5.41 | 94 | 464290 | 41.13 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 5.48 | 93 | 337671 | 40.95 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 5.71 | 146 | 384045 | 39.09 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 5.79 | 146 | 385794 | 39.03 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 5.97 | 146 | 353467 | 38.82 | ng | | 96 |
| 15) Benzyl Alcohol | 5.95 | 79 | 265894 | 39.01 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.10 | 45 | 429285 | 39.71 | ng | | 63 |
| 17) 2-Methylphenol | 6.10 | 107 | 270082 | 38.67 | ng | | 94 |
| 18) Hexachloroethane | 6.35 | 117 | 134052 | 39.56 | ng | # | 86 |
| 19) n-Nitroso-di-n-propylamine | 6.26 | 70 | 242551 | 39.84 | ng | | 96 |
| 20) 3+4-Methylphenols | 6.28 | 107 | 380462 | 40.08 | ng | # | 63 |
| 22) Acetophenone | 6.25 | 105 | 502151 | 39.24 | ng | # | 86 |
| 24) Nitrobenzene | 6.44 | 77 | 351299 | 39.14 | ng | | 96 |
| 25) Isophorone | 6.73 | 82 | 659099 | 41.72 | ng | | 96 |
| 26) 2-Nitrophenol | 6.82 | 139 | 206098 | 42.74 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 6.90 | 122 | 317776 | 40.57 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.00 | 93 | 424243 | 41.51 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.12 | 162 | 301584 | 41.39 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.20 | 180 | 289948 | 38.49 | ng | | 97 |
| 31) Naphthalene | 7.30 | 128 | 967838 | 38.26 | ng | | 100 |
| 32) Benzoic acid | 7.08 | 122 | 196314 | 47.40 | ng | | 94 |
| 33) 4-Chloroaniline | 7.37 | 127 | 420582 | 39.96 | ng | | 94 |
| 34) Hexachlorobutadiene | 7.45 | 225 | 151587 | 40.36 | ng | | 99 |
| 35) Caprolactam | 7.82 | 113 | 103252m | 45.11 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.00 | 107 | 306020 | 40.08 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.13 | 142 | 690531 | 39.90 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.34 | 216 | 278721 | 41.09 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.32 | 237 | 118082 | 43.03 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.49 | 196 | 196313 | 41.21 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 8.55 | 196 | 192063 | 39.26 | ng | | 93 |
| 45) 1,1'-Biphenyl | 8.71 | 154 | 744025 | 38.23 | ng | | 98 |
| 46) 2-Chloronaphthalene | 8.72 | 162 | 589791 | 38.11 | ng | | 93 |
| 47) 2-Nitroaniline | 8.86 | 65 | 179964 | 40.42 | ng | | 87 |
| 48) Acenaphthylene | 9.23 | 152 | 923540 | 38.28 | ng | | 99 |
| 49) Dimethylphthalate | 9.10 | 163 | 714939 | 40.27 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.17 | 165 | 162477 | 40.78 | ng | | 89 |
| 51) Acenaphthene | 9.44 | 154 | 558902 | 38.68 | ng | | 99 |
| 52) 3-Nitroaniline | 9.37 | 138 | 179099 | 38.85 | ng | | 89 |
| 53) 2,4-Dinitrophenol | 9.51 | 184 | 85131 | 42.30 | ng | # | 70 |
| 54) Dibenzofuran | 9.65 | 168 | 831135 | 39.58 | ng | | 100 |
| 55) 4-Nitrophenol | 9.62 | 139 | 116131 | 35.66 | ng | # | 67 |
| 56) 2,4-Dinitrotoluene | 9.67 | 165 | 208350 | 42.61 | ng | | 92 |
| 57) Fluorene | 10.08 | 166 | 648524 | 39.66 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.82 | 232 | 148513 | 42.36 | ng | | 96 |
| 59) Diethylphthalate | 9.97 | 149 | 691980 | 41.31 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.08 | 204 | 282171 | 41.46 | ng | | 93 |
| 61) 4-Nitroaniline | 10.12 | 138 | 172863 | 36.88 | ng | | 95 |
| 62) Azobenzene | 10.28 | 77 | 669589 | 41.17 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.17 | 198 | 123541 | 41.51 | ng | # | 72 |
| 65) n-Nitrosodiphenylamine | 10.24 | 169 | 595279 | 37.68 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.68 | 248 | 173452 | 38.46 | ng | | 94 |
| 67) Hexachlorobenzene | 10.75 | 284 | 176185 | 38.76 | ng | # | 88 |
| 68) Atrazine | 10.91 | 200 | 186629 | 39.49 | ng | | 97 |
| 69) Pentachlorophenol | 11.01 | 266 | 82435 | 45.68 | ng | | 97 |
| 70) Phenanthrene | 11.25 | 178 | 971961 | 38.00 | ng | | 99 |
| 71) Anthracene | 11.31 | 178 | 1026144 | 38.78 | ng | | 99 |
| 72) Carbazole | 11.52 | 167 | 975607 | 39.29 | ng | | 97 |
| 73) Di-n-butylphthalate | 11.97 | 149 | 1197906 | 43.81 | ng | | 99 |
| 74) Fluoranthene | 12.71 | 202 | 1090895 | 41.15 | ng | | 98 |
| 76) Benzidine | 12.88 | 184 | 629806 | 37.31 | ng | # | 95 |
| 77) Pyrene | 12.99 | 202 | 1089845 | 37.42 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.81 | 149 | 533997 | 41.83 | ng | # | 87 |
| 80) Benzo(a)anthracene | 14.46 | 228 | 947702 | 39.11 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.44 | 252 | 341295 | 39.79 | ng | # | 96 |
| 82) Chrysene | 14.50 | 228 | 853187 | 38.53 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.52 | 149 | 739310 | 43.14 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 15.28 | 149 | 1247620 | 43.40 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.37 | 276 | 811339 | 38.51 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.69 | 252 | 861480 | 38.15 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.72 | 252 | 761316 | 35.63 | ng | # | 94 |
| 89) Benzo(a)pyrene | 16.04 | 252 | 822679 | 39.16 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 17.38 | 278 | 671905 | 38.52 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.74 | 276 | 658117 | 37.06 | ng | | 98 |

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

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