Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099138.D
Acq On : 6 Oct 2017 10:12
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 06 14:30:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 171366 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 717810 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.90 | 164 | 319332 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.39 | 188 | 550177 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.03 | 240 | 389589 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.50 | 264 | 312575 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 829777 | 77.08 | ng | | 0.00 |
| 7) Phenol-d6 | 6.50 | 99 | 1054348 | 79.40 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 878105 | 78.45 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 209810 | 80.29 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.23 | 172 | 1466385 | 76.66 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.97 | 244 | 1355543 | 79.13 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.63 | 88 | 190914 | 37.13 | ng | | 96 |
| 3) Pyridine | 3.40 | 79 | 523188 | 37.61 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.38 | 42 | 208590 | 35.36 | ng | | 83 |
| 6) Aniline | 6.54 | 93 | 696659 | 38.87 | ng | | 98 |
| 8) 2-Chlorophenol | 6.66 | 128 | 478174 | 39.22 | ng | | 95 |
| 9) Benzaldehyde | 6.42 | 77 | 269546 | 34.99 | ng | | 93 |
| 10) Phenol | 6.52 | 94 | 610351 | 41.10 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.61 | 93 | 455541 | 39.45 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.81 | 146 | 505712 | 39.61 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.89 | 146 | 506273 | 38.97 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.04 | 146 | 470026 | 39.16 | ng | | 99 |
| 15) Benzyl Alcohol | 7.01 | 79 | 358903 | 36.84 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45 | 645730 | 35.90 | ng | | 97 |
| 17) 2-Methylphenol | 7.12 | 107 | 393284 | 39.43 | ng | | 97 |
| 18) Hexachloroethane | 7.38 | 117 | 177564 | 38.03 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 300347 | 35.42 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 451419 | 35.77 | ng | # | 85 |
| 22) Acetophenone | 7.29 | 105 | 620262 | 35.67 | ng | # | 93 |
| 24) Nitrobenzene | 7.46 | 77 | 482372 | 37.99 | ng | | 95 |
| 25) Isophorone | 7.69 | 82 | 882742 | 38.15 | ng | | 99 |
| 26) 2-Nitrophenol | 7.77 | 139 | 274513 | 44.96 | ng | | 88 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 445429 | 38.63 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93 | 563085 | 39.04 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 396851 | 40.09 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 393013 | 39.69 | ng | | 100 |
| 31) Naphthalene | 8.17 | 128 | 1283282 | 38.07 | ng | | 99 |
| 32) Benzoic acid | 7.95 | 122 | 343517 | 36.27 | ng | | 96 |
| 33) 4-Chloroaniline | 8.22 | 127 | 548585 | 38.97 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.29 | 225 | 197603 | 38.75 | ng | | 99 |
| 35) Caprolactam | 8.62 | 113 | 126030 | 39.69 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 429438 | 38.59 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 845200 | 38.57 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 380251 | 39.93 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.01 | 237 | 146829 | 33.74 | ng | | 98 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.14 | 196 | 263246 | 39.02 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.18 | 196 | 267447 | 39.71 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.33 | 154 | 1058911 | 38.58 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.36 | 162 | 815491 | 39.58 | ng | | 96 |
| 47) 2-Nitroaniline | 9.45 | 65 | 245007 | 38.83 | ng | | 94 |
| 48) Acenaphthylene | 9.77 | 152 | 1223990 | 38.80 | ng | | 100 |
| 49) Dimethylphthalate | 9.63 | 163 | 957620 | 39.73 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.69 | 165 | 219864 | 41.90 | ng | | 93 |
| 51) Acenaphthene | 9.94 | 154 | 721933 | 36.13 | ng | | 99 |
| 52) 3-Nitroaniline | 9.87 | 138 | 258024 | 42.17 | ng | | 88 |
| 53) 2,4-Dinitrophenol | 9.97 | 184 | 95906 | 38.38 | ng | | 94 |
| 54) Dibenzofuran | 10.11 | 168 | 1025997 | 38.56 | ng | | 99 |
| 55) 4-Nitrophenol | 10.02 | 139 | 191102 | 36.94 | ng | | 91 |
| 56) 2,4-Dinitrotoluene | 10.10 | 165 | 282890 | 41.54 | ng | | 94 |
| 57) Fluorene | 10.46 | 166 | 819983 | 38.35 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 179655 | 38.62 | ng | | 99 |
| 59) Diethylphthalate | 10.33 | 149 | 891815 | 37.87 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204 | 368469 | 38.36 | ng | | 94 |
| 61) 4-Nitroaniline | 10.49 | 138 | 257099 | 43.56 | ng | | 89 |
| 62) Azobenzene | 10.60 | 77 | 786720 | 36.33 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198 | 152590 | 45.58 | ng | | 80 |
| 65) n-Nitrosodiphenylamine | 10.57 | 169 | 753165 | 39.52 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.93 | 248 | 215048 | 39.93 | ng | | 96 |
| 67) Hexachlorobenzene | 11.00 | 284 | 233413 | 40.58 | ng | | 92 |
| 68) Atrazine | 11.09 | 200 | 226223 | 39.45 | ng | | 100 |
| 69) Pentachlorophenol | 11.19 | 266 | 127528 | 35.63 | ng | | 98 |
| 70) Phenanthrene | 11.42 | 178 | 1152951 | 39.15 | ng | | 100 |
| 71) Anthracene | 11.47 | 178 | 1184559 | 39.31 | ng | | 100 |
| 72) Carbazole | 11.63 | 167 | 1166000 | 39.51 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.95 | 149 | 1352087 | 38.07 | ng | | 99 |
| 74) Fluoranthene | 12.60 | 202 | 1165681 | 39.09 | ng | | 99 |
| 76) Benzidine | 12.72 | 184 | 535835 | 37.19 | ng | | 99 |
| 77) Pyrene | 12.84 | 202 | 1213294 | 40.84 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.45 | 149 | 567031 | 40.61 | ng | | 92 |
| 80) Benzo(a)anthracene | 14.02 | 228 | 948389 | 40.20 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.99 | 252 | 352936 | 40.81 | ng | | 98 |
| 82) Chrysene | 14.06 | 228 | 890311 | 39.64 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 734282 | 38.19 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.61 | 149 | 1165840 | 37.66 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.99 | 276 | 704414 | 39.21 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.07 | 252 | 749890 | 39.02 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.10 | 252 | 748073 | 39.41 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.44 | 252 | 701975 | 39.79 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 17.00 | 278 | 563467 | 39.91 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.44 | 276 | 591604 | 42.39 | ng | | 95 |

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

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