Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
Data File : BF079790.D
Acq On : 7 Jun 2015 1:25
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 08 19:49:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 15:29:07 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.47 | 152 | 68231 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.76 | 136 | 269424 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 10.55 | 164 | 118614 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 12.06 | 188 | 223864 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.93 | 240 | 285846 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 16.81 | 264 | 219024 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.09 | 112 | 286126 | 70.28 | ng | | -0.01 |
| 7) Phenol-d6 | 7.07 | 99 | 444436 | 84.53 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.03 | 82 | 363706 | 82.88 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 11.34 | 330 | 81066 | 71.46 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.84 | 172 | 617214 | 70.50 | ng | | -0.02 |
| 78) Terphenyl-d14 | 13.69 | 244 | 919122 | 73.64 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.52 | 88 | 77045 | 42.77 | ng | | 98 |
| 3) Pyridine | 4.25 | 79 | 169104 | 33.56 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 4.17 | 42 | 97475 | 44.58 | ng | | 97 |
| 6) Aniline | 7.13 | 93 | 315771 | 41.38 | ng | | 100 |
| 8) 2-Chlorophenol | 7.26 | 128 | 189100 | 42.91 | ng | | 98 |
| 9) Benzaldehyde | 7.03 | 77 | 129433 | 38.01 | ng | # | 76 |
| 10) Phenol | 7.08 | 94 | 244458 | 42.71 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.19 | 93 | 192052 | 43.27 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.42 | 146 | 207532 | 37.62 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.50 | 146 | 230273 | 39.34 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.66 | 146 | 198296 | 36.26 | ng | | 98 |
| 15) Benzyl Alcohol | 7.60 | 79 | 164233 | 37.79 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.74 | 45 | 274350 | 40.87 | ng | | 99 |
| 17) 2-Methylphenol | 7.70 | 107 | 160660 | 39.09 | ng | | 98 |
| 18) Hexachloroethane | 8.00 | 117 | 71660 | 42.13 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.86 | 70 | 149955 | 41.10 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.85 | 107 | 215337 | 41.11 | ng | | 98 |
| 22) Acetophenone | 7.87 | 105 | 280554 | 43.65 | ng | | 99 |
| 24) Nitrobenzene | 8.04 | 77 | 185461 | 42.37 | ng | | 97 |
| 25) Isophorone | 8.28 | 82 | 394324 | 44.02 | ng | | 99 |
| 26) 2-Nitrophenol | 8.38 | 139 | 70714 | 38.36 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 8.39 | 122 | 174473 | 42.06 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.49 | 93 | 218484 | 39.47 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 8.62 | 162 | 151904 | 40.81 | ng | | 86 |
| 30) 1,2,4-Trichlorobenzene | 8.71 | 180 | 195910 | 43.35 | ng | | 97 |
| 31) Naphthalene | 8.79 | 128 | 573695 | 40.59 | ng | | 100 |
| 32) Benzoic acid | 8.44 | 122 | 57440 | 37.61 | ng | | 94 |
| 33) 4-Chloroaniline | 8.82 | 127 | 226342m | 31.52 | ng | | |
| 34) Hexachlorobutadiene | 8.91 | 225 | 105518 | 38.38 | ng | | 98 |
| 35) Caprolactam | 9.16 | 113 | 45457 | 40.10 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 9.29 | 107 | 137118 | 32.97 | ng | | 92 |
| 37) 2-Methylnaphthalene | 9.48 | 142 | 324440 | 36.11 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.66 | 216 | 154014 | 41.69 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.64 | 237 | 73472 | 46.26 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.76 | 196 | 99608 | 40.54 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 9.79 | 196 | 102432 | 39.63 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.95 | 154 | 371109 | 35.96 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.98 | 162 | 296935 | 35.25 | ng | | 99 |
| 47) 2-Nitroaniline | 10.06 | 65 | 65405 | 37.01 | ng | | 93 |
| 48) Acenaphthylene | 10.41 | 152 | 508480 | 36.50 | ng | | 98 |
| 49) Dimethylphthalate | 10.23 | 163 | 337986 | 36.99 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 10.30 | 165 | 62345 | 42.36 | ng | | 95 |
| 51) Acenaphthene | 10.58 | 154 | 295268 | 37.43 | ng | | 99 |
| 52) 3-Nitroaniline | 10.47 | 138 | 71832 | 37.23 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 10.57 | 184 | 12831 | 36.84 | ng | # | 1 |
| 54) Dibenzofuran | 10.75 | 168 | 428964 | 38.39 | ng | | 99 |
| 55) 4-Nitrophenol | 10.60 | 139 | 57523 | 39.91 | ng | | 87 |
| 56) 2,4-Dinitrotoluene | 10.71 | 165 | 77260 | 43.53 | ng | | 97 |
| 57) Fluorene | 11.10 | 166 | 359888 | 37.22 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.87 | 232 | 75715 | 36.19 | ng | | 98 |
| 59) Diethylphthalate | 10.94 | 149 | 343884 | 38.49 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.08 | 204 | 160389 | 36.60 | ng | # | 75 |
| 61) 4-Nitroaniline | 11.08 | 138 | 73552 | 39.63 | ng | | 98 |
| 62) Azobenzene | 11.23 | 77 | 318305 | 35.25 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 11.12 | 198 | 23177 | 42.17 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 11.19 | 169 | 291161 | 38.94 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.58 | 248 | 100216 | 41.34 | ng | | 96 |
| 67) Hexachlorobenzene | 11.66 | 284 | 104439 | 38.31 | ng | # | 63 |
| 68) Atrazine | 11.71 | 200 | 87736 | 39.04 | ng | | 95 |
| 69) Pentachlorophenol | 11.85 | 266 | 44798 | 39.44 | ng | | 97 |
| 70) Phenanthrene | 12.08 | 178 | 539643 | 41.17 | ng | | 99 |
| 71) Anthracene | 12.12 | 178 | 518245 | 40.10 | ng | | 98 |
| 72) Carbazole | 12.27 | 167 | 498207 | 40.56 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.59 | 149 | 538799 | 38.69 | ng | # | 80 |
| 74) Fluoranthene | 13.31 | 202 | 575893 | 40.13 | ng | | 97 |
| 76) Benzidine | 13.42 | 184 | 328684 | 36.43 | ng | | 99 |
| 77) Pyrene | 13.57 | 202 | 682260 | 38.93 | ng | | 98 |
| 79) Butylbenzylphthalate | 14.22 | 149 | 272359 | 38.99 | ng | # | 76 |
| 80) Benzo(a)anthracene | 14.91 | 228 | 683507 | 39.06 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.85 | 252 | 230349 | 38.75 | ng | # | 97 |
| 82) Chrysene | 14.95 | 228 | 589924 | 36.47 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.86 | 149 | 388109 | 35.16 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 15.62 | 149 | 665780 | 34.25 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 18.79 | 276 | 572474 | 30.57 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 16.24 | 252 | 536512m | 39.43 | ng | | |
| 88) Benzo(k)fluoranthene | 16.29 | 252 | 534057m | 40.92 | ng | | |
| 89) Benzo(a)pyrene | 16.73 | 252 | 490912 | 39.08 | ng | # | 98 |
| 90) Dibenzo(a,h)anthracene | 18.81 | 278 | 463305 | 38.22 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 19.38 | 276 | 469773 | 37.48 | ng | | 98 |

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

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