Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102915\
Data File : BF082577.D
Acq On : 29 Oct 2015 18:31
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 30 06:04:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 29 19:06:23 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.63 | 152 | 105145 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.92 | 136 | 432249 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.67 | 164 | 215602 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.15 | 188 | 421564 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.79 | 240 | 305977 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.21 | 264 | 225924 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 472653 | 88.74 | ng | | 0.00 |
| 7) Phenol-d6 | 6.28 | 99 | 580734 | 83.66 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.21 | 82 | 559006 | 83.43 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.47 | 330 | 128988 | 79.89 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.99 | 172 | 1027100 | 75.75 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.74 | 244 | 991844 | 93.39 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.06 | 88 | 112970 | 42.26 | ng | | 99 |
| 3) Pyridine | 2.71 | 79 | 252400 | 40.50 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 2.70 | 42 | 127380 | 46.48 | ng | | 94 |
| 6) Aniline | 6.30 | 93 | 379472 | 43.38 | ng | | 91 |
| 8) 2-Chlorophenol | 6.41 | 128 | 275877 | 44.16 | ng | | 94 |
| 9) Benzaldehyde | 6.18 | 77 | 141048 | 41.08 | ng | | 93 |
| 10) Phenol | 6.31 | 94 | 328455 | 41.68 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.38 | 93 | 280759 | 44.89 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.56 | 146 | 336064 | 45.10 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.64 | 146 | 337191 | 43.98 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.80 | 146 | 293839 | 41.29 | ng | | 96 |
| 15) Benzyl Alcohol | 6.80 | 79 | 224470 | 46.45 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45 | 349599 | 41.28 | ng | # | 33 |
| 17) 2-Methylphenol | 6.91 | 107 | 216184 | 43.15 | ng | | 93 |
| 18) Hexachloroethane | 7.13 | 117 | 109042 | 41.78 | ng | # | 82 |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70 | 203513 | 45.00 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.07 | 107 | 298514 | 46.64 | ng | | 91 |
| 22) Acetophenone | 7.06 | 105 | 372776 | 39.75 | ng | # | 93 |
| 24) Nitrobenzene | 7.23 | 77 | 292039 | 39.03 | ng | | 94 |
| 25) Isophorone | 7.47 | 82 | 548788 | 41.23 | ng | | 97 |
| 26) 2-Nitrophenol | 7.54 | 139 | 166017 | 45.93 | ng | # | 71 |
| 27) 2,4-Dimethylphenol | 7.60 | 122 | 222625 | 37.90 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93 | 320317 | 41.04 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.79 | 162 | 274203 | 46.80 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.86 | 180 | 266434 | 40.22 | ng | | 99 |
| 31) Naphthalene | 7.94 | 128 | 758889 | 38.42 | ng | | 99 |
| 32) Benzoic acid | 7.78 | 122 | 127488 | 38.74 | ng | | 97 |
| 33) 4-Chloroaniline | 8.01 | 127 | 311683 | 40.70 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.04 | 225 | 151895 | 39.64 | ng | | 98 |
| 35) Caprolactam | 8.41 | 113 | 69363 | 42.59 | ng | # | 84 |
| 36) 4-Chloro-3-methylphenol | 8.50 | 107 | 251000 | 44.06 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.63 | 142 | 537396 | 40.27 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 266365 | 40.93 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 8.78 | 237 | 25800 | 26.64 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.92 | 196 | 162268 | 40.00 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 8.97 | 196 | 186512 | 43.85 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.10 | 154 | 648207 | 40.40 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.12 | 162 | 510948 | 40.40 | ng | | 96 |
| 47) 2-Nitroaniline | 9.23 | 65 | 166707 | 45.39 | ng | | 99 |
| 48) Acenaphthylene | 9.53 | 152 | 798316 | 39.41 | ng | | 100 |
| 49) Dimethylphthalate | 9.40 | 163 | 602426 | 40.16 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.48 | 165 | 126140 | 38.35 | ng | | 94 |
| 51) Acenaphthene | 9.70 | 154 | 460195 | 39.62 | ng | | 99 |
| 52) 3-Nitroaniline | 9.66 | 138 | 143577 | 40.23 | ng | | 100 |
| 53) 2,4-Dinitrophenol | 9.78 | 184 | 55244 | 43.85 | ng | | 91 |
| 54) Dibenzofuran | 9.87 | 168 | 678552 | 40.03 | ng | | 97 |
| 55) 4-Nitrophenol | 9.85 | 139 | 32407m | 29.38 | ng | | |
| 56) 2,4-Dinitrotoluene | 9.88 | 165 | 181442 | 45.48 | ng | # | 84 |
| 57) Fluorene | 10.22 | 166 | 540547 | 38.85 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.01 | 232 | 129125 | 39.65 | ng | | 93 |
| 59) Diethylphthalate | 10.10 | 149 | 565947 | 38.76 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.22 | 204 | 248032 | 37.90 | ng | | 97 |
| 61) 4-Nitroaniline | 10.27 | 138 | 137230 | 38.39 | ng | | 92 |
| 62) Azobenzene | 10.38 | 77 | 574202 | 40.72 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198 | 94850 | 38.35 | ng | # | 76 |
| 65) n-Nitrosodiphenylamine | 10.34 | 169 | 506381 | 39.70 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.70 | 248 | 154633 | 39.09 | ng | | 95 |
| 67) Hexachlorobenzene | 10.76 | 284 | 163026 | 38.64 | ng | | 98 |
| 68) Atrazine | 10.87 | 200 | 133254 | 33.75 | ng | | 98 |
| 69) Pentachlorophenol | 10.97 | 266 | 57829 | 37.84 | ng | | 98 |
| 70) Phenanthrene | 11.18 | 178 | 815696 | 37.60 | ng | | 100 |
| 71) Anthracene | 11.23 | 178 | 800769 | 36.65 | ng | | 99 |
| 72) Carbazole | 11.39 | 167 | 757976 | 39.34 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.71 | 149 | 852307 | 37.09 | ng | | 100 |
| 74) Fluoranthene | 12.36 | 202 | 845554 | 37.97 | ng | | 98 |
| 76) Benzidine | 12.50 | 184 | 319029 | 37.99 | ng | | 98 |
| 77) Pyrene | 12.59 | 202 | 840707 | 44.67 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.21 | 149 | 350625 | 44.31 | ng | | 94 |
| 80) Benzo(a)anthracene | 13.78 | 228 | 672522 | 41.00 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.75 | 252 | 227646 | 40.02 | ng | # | 97 |
| 82) Chrysene | 13.83 | 228 | 638563 | 41.21 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.77 | 149 | 451817 | 42.64 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.39 | 149 | 635810 | 36.36 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.51 | 276 | 505285 | 35.49 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 14.82 | 252 | 534798m | 39.86 | ng | | |
| 88) Benzo(k)fluoranthene | 14.85 | 252 | 461316m | 42.18 | ng | | |
| 89) Benzo(a)pyrene | 15.14 | 252 | 478706 | 41.18 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.50 | 278 | 422581 | 43.45 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 16.90 | 276 | 411754 | 42.79 | ng | | 98 |

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

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