Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081569.D
Acq On : 10 Sep 2015 15:58
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 11 12:14:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:31:29 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.26 | 152 | 45830 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.17 | 136 | 182830 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.30 | 164 | 88530 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 18.81 | 188 | 178753 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 23.42 | 240 | 138477 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.85 | 264 | 81498 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 233913 | 79.19 | ng | | 0.00 |
| 7) Phenol-d6 | 7.69 | 99 | 317146 | 81.11 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.57 | 82 | 312571 | 82.48 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 17.21 | 330 | 65963 | 83.68 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.82 | 172 | 560834 | 81.18 | ng | | 0.00 |
| 78) Terphenyl-d14 | 22.15 | 244 | 517219 | 86.95 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.60 | 88 | 58051 | 43.76 | ng | # | 91 |
| 3) Pyridine | 2.17 | 79 | 141565 | 38.70 | ng | # | 77 |
| 4) n-Nitrosodimethylamine | 2.09 | 42 | 88825 | 43.71 | ng | # | 59 |
| 6) Aniline | 7.58 | 93 | 211236 | 38.26 | ng | # | 84 |
| 8) 2-Chlorophenol | 7.82 | 128 | 130004 | 39.94 | ng | # | 80 |
| 9) Benzaldehyde | 7.29 | 77 | 90791 | 37.06 | ng | # | 75 |
| 10) Phenol | 7.71 | 94 | 170458 | 37.59 | ng | # | 51 |
| 11) bis(2-Chloroethyl)ether | 7.81 | 93 | 132600 | 40.53 | ng | # | 69 |
| 12) 1,3-Dichlorobenzene | 8.11 | 146 | 136211 | 39.17 | ng | # | 88 |
| 13) 1,4-Dichlorobenzene | 8.30 | 146 | 136885 | 38.66 | ng | # | 88 |
| 14) 1,2-Dichlorobenzene | 8.62 | 146 | 129630 | 40.66 | ng | # | 90 |
| 15) Benzyl Alcohol | 8.72 | 79 | 129941 | 40.51 | ng | # | 72 |
| 16) 2,2'-oxybis(1-Chloropropan | 9.03 | 45 | 281778 | 44.94 | ng | | 92 |
| 17) 2-Methylphenol | 9.05 | 107 | 105838 | 40.75 | ng | # | 79 |
| 18) Hexachloroethane | 9.36 | 117 | 55467 | 40.26 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 9.35 | 70 | 112325 | 42.21 | ng | # | 88 |
| 20) 3+4-Methylphenols | 9.43 | 107 | 139136 | 39.73 | ng | | 85 |
| 22) Acetophenone | 9.27 | 105 | 195415 | 39.13 | ng | # | 74 |
| 24) Nitrobenzene | 9.61 | 77 | 163597 | 41.57 | ng | # | 63 |
| 25) Isophorone | 10.23 | 82 | 289157 | 41.02 | ng | # | 84 |
| 26) 2-Nitrophenol | 10.34 | 139 | 67483 | 39.34 | ng | # | 33 |
| 27) 2,4-Dimethylphenol | 10.62 | 122 | 116650 | 39.38 | ng | # | 76 |
| 28) bis(2-Chloroethoxy)methane | 10.80 | 93 | 167599 | 41.17 | ng | # | 91 |
| 29) 2,4-Dichlorophenol | 10.95 | 162 | 102166 | 39.77 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 11.08 | 180 | 114374 | 40.98 | ng | | 98 |
| 31) Naphthalene | 11.21 | 128 | 390874 | 40.09 | ng | | 98 |
| 32) Benzoic acid | 11.09 | 122 | 42320 | 21.49 | ng | # | 59 |
| 33) 4-Chloroaniline | 11.46 | 127 | 157781 | 39.67 | ng | # | 85 |
| 34) Hexachlorobutadiene | 11.57 | 225 | 73227 | 43.12 | ng | | 97 |
| 35) Caprolactam | 12.46 | 113 | 28689 | 36.41 | ng | # | 6 |
| 36) 4-Chloro-3-methylphenol | 12.77 | 107 | 126928 | 44.14 | ng | # | 74 |
| 37) 2-Methylnaphthalene | 12.87 | 142 | 256702 | 40.46 | ng | # | 87 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.27 | 216 | 111045 | 39.66 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 13.26 | 237 | 60257 | 43.85 | ng | | 98 |

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**ClientSampleId :** SSTDCCC040

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.62 | 196 | 79212 | 40.99 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.73 | 196 | 80287 | 40.73 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 14.01 | 154 | 309937 | 38.05 | ng | | 94 |
| 46) 2-Chloronaphthalene | 14.00 | 162 | 231659 | 39.38 | ng | # | 88 |
| 47) 2-Nitroaniline | 14.36 | 65 | 99654 | 41.57 | ng | # | 62 |
| 48) Acenaphthylene | 14.96 | 152 | 405602 | 38.87 | ng | | 97 |
| 49) Dimethylphthalate | 14.90 | 163 | 279415 | 40.62 | ng | # | 97 |
| 50) 2,6-Dinitrotoluene | 14.98 | 165 | 57714 | 36.97 | ng | # | 16 |
| 51) Acenaphthene | 15.38 | 154 | 226740 | 38.20 | ng | | 90 |
| 52) 3-Nitroaniline | 15.36 | 138 | 65250 | 36.71 | ng | # | 50 |
| 53) 2,4-Dinitrophenol | 15.64 | 184 | 24284 | 34.64 | ng | # | 36 |
| 54) Dibenzofuran | 15.81 | 168 | 341102 | 39.35 | ng | # | 85 |
| 55) 4-Nitrophenol | 15.98 | 139 | 45484 | 40.74 | ng | # | 11 |
| 56) 2,4-Dinitrotoluene | 15.93 | 165 | 79928 | 40.21 | ng | # | 51 |
| 57) Fluorene | 16.62 | 166 | 273762 | 41.62 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 16.17 | 232 | 63775 | 42.38 | ng | | 91 |
| 59) Diethylphthalate | 16.60 | 149 | 303914 | 42.00 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 16.71 | 204 | 133302 | 43.48 | ng | # | 81 |
| 61) 4-Nitroaniline | 16.82 | 138 | 64272 | 35.80 | ng | # | 12 |
| 62) Azobenzene | 17.09 | 77 | 335695 | 41.73 | ng | | 84 |
| 64) 4,6-Dinitro-2-methylphenol | 16.89 | 198 | 38335 | 38.34 | ng | # | 69 |
| 65) n-Nitrosodiphenylamine | 17.03 | 169 | 245270 | 37.71 | ng | | 94 |
| 66) 4-Bromophenyl-phenylether | 17.85 | 248 | 73780 | 40.82 | ng | # | 84 |
| 67) Hexachlorobenzene | 17.90 | 284 | 73733 | 39.02 | ng | # | 83 |
| 68) Atrazine | 18.45 | 200 | 74211 | 39.43 | ng | # | 78 |
| 69) Pentachlorophenol | 18.45 | 266 | 36596 | 44.17 | ng | | 96 |
| 70) Phenanthrene | 18.87 | 178 | 387490 | 38.99 | ng | | 97 |
| 71) Anthracene | 19.00 | 178 | 388273 | 38.03 | ng | | 98 |
| 72) Carbazole | 19.46 | 167 | 363298 | 37.92 | ng | | 95 |
| 73) Di-n-butylphthalate | 20.52 | 149 | 483314 | 42.72 | ng | # | 97 |
| 74) Fluoranthene | 21.48 | 202 | 421991 | 39.23 | ng | | 86 |
| 76) Benzidine | 21.78 | 184 | 147869 | 24.87 | ng | | 98 |
| 77) Pyrene | 21.82 | 202 | 432296 | 42.14 | ng | | 98 |
| 79) Butylbenzylphthalate | 22.84 | 149 | 183190 | 41.06 | ng | # | 73 |
| 80) Benzo(a)anthracene | 23.41 | 228 | 343792 | 38.98 | ng | | 96 |
| 81) 3,3'-Dichlorobenzidine | 23.41 | 252 | 96602 | 32.47 | ng | | 98 |
| 82) Chrysene | 23.44 | 228 | 284525 | 35.99 | ng | | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 23.52 | 149 | 237238 | 40.30 | ng | # | 89 |
| 84) Di-n-octyl phthalate | 24.18 | 149 | 336938 | 34.76 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 25.91 | 276 | 211301 | 36.43 | ng | # | 84 |
| 87) Benzo(b)fluoranthene | 24.50 | 252 | 200115m | 34.39 | ng | | |
| 88) Benzo(k)fluoranthene | 24.54 | 252 | 219301m | 45.42 | ng | | |
| 89) Benzo(a)pyrene | 24.80 | 252 | 195046 | 39.56 | ng | # | 83 |
| 90) Dibenzo(a,h)anthracene | 25.92 | 278 | 177309 | 46.54 | ng | # | 81 |
| 91) Benzo(g,h,i)perylene | 26.22 | 276 | 177376 | 48.78 | ng | # | 75 |

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

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