Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080513.D
Acq On : 16 Jul 2015 16:35
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 17 12:22:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 17:11:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.07 | 152 | 18408 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.36 | 136 | 79770 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.12 | 164 | 36764 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.62 | 188 | 62835 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 14.58 | 240 | 59954 | 20.00 | ng | | 0.15 |
| 86) Perylene-d12 | 16.42 | 264 | 57607 | 20.00 | ng | | 0.27 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 92142 | 85.33 | ng | | 0.00 |
| 7) Phenol-d6 | 6.72 | 99 | 123783 | 84.42 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.64 | 82 | 117138 | 86.20 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.91 | 330 | 24990 | 87.36 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.44 | 172 | 228256 | 84.49 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.30 | 244 | 223801 | 77.40 | ng | | 0.07 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.76 | 88 | 20915 | 39.22 | ng | # | 79 |
| 3) Pyridine | 3.71 | 79 | 45294 | 37.64 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.55 | 42 | 29979 | 44.42 | ng | | 79 |
| 6) Aniline | 6.75 | 93 | 77719 | 41.11 | ng | # | 89 |
| 8) 2-Chlorophenol | 6.86 | 128 | 48660 | 40.18 | ng | # | 80 |
| 9) Benzaldehyde | 6.62 | 77 | 41937 | 42.13 | ng | # | 68 |
| 10) Phenol | 6.73 | 94 | 66146 | 41.93 | ng | # | 62 |
| 11) bis(2-Chloroethyl)ether | 6.81 | 93 | 44472 | 38.72 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 7.01 | 146 | 62287 | 41.11 | ng | # | 91 |
| 13) 1,4-Dichlorobenzene | 7.25 | 146 | 54520 | 34.80 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.25 | 146 | 54520 | 39.66 | ng | | 99 |
| 15) Benzyl Alcohol | 7.22 | 79 | 42084 | 41.12 | ng | # | 68 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.34 | 45 | 83289 | 40.44 | ng | | 59 |
| 17) 2-Methylphenol | 7.33 | 107 | 39916 | 41.17 | ng | # | 76 |
| 18) Hexachloroethane | 7.60 | 117 | 18556 | 39.60 | ng | # | 63 |
| 19) n-Nitroso-di-n-propylamine | 7.48 | 70 | 36245 | 40.72 | ng | # | 80 |
| 20) 3+4-Methylphenols | 7.49 | 107 | 55119 | 42.07 | ng | # | 79 |
| 22) Acetophenone | 7.48 | 105 | 73432 | 41.60 | ng | # | 79 |
| 24) Nitrobenzene | 7.66 | 77 | 54672 | 39.85 | ng | # | 75 |
| 25) Isophorone | 7.89 | 82 | 99943 | 41.64 | ng | # | 90 |
| 26) 2-Nitrophenol | 7.98 | 139 | 23397 | 39.29 | ng | # | 75 |
| 27) 2,4-Dimethylphenol | 8.02 | 122 | 48612 | 42.27 | ng | # | 80 |
| 28) bis(2-Chloroethoxy)methane | 8.10 | 93 | 57487 | 40.78 | ng | # | 91 |
| 29) 2,4-Dichlorophenol | 8.22 | 162 | 44354 | 42.31 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.30 | 180 | 47980 | 39.87 | ng | | 98 |
| 31) Naphthalene | 8.38 | 128 | 159491 | 40.71 | ng | | 99 |
| 32) Benzoic acid | 8.10 | 122 | 22815 | 38.38 | ng | # | 49 |
| 33) 4-Chloroaniline | 8.44 | 127 | 63179 | 41.48 | ng | # | 90 |
| 34) Hexachlorobutadiene | 8.50 | 225 | 27398 | 39.32 | ng | | 99 |
| 35) Caprolactam | 8.78 | 113 | 10118 | 40.85 | ng | | 87 |
| 36) 4-Chloro-3-methylphenol | 8.92 | 107 | 46420 | 41.93 | ng | # | 78 |
| 37) 2-Methylnaphthalene | 9.07 | 142 | 97055 | 41.45 | ng | # | 90 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.24 | 216 | 49141 | 41.68 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.23 | 237 | 22585 | 39.03 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.36 | 196 | 30252 | 42.87 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.40 | 196 | 32546 | 43.33 | ng | | 96 |
| 45) 1,1'-Biphenyl | 9.54 | 154 | 124645 | 41.48 | ng | | 94 |
| 46) 2-Chloronaphthalene | 9.56 | 162 | 90268 | 40.11 | ng | # | 92 |
| 47) 2-Nitroaniline | 9.66 | 65 | 24886 | 42.91 | ng | # | 50 |
| 48) Acenaphthylene | 9.98 | 152 | 158643 | 42.08 | ng | | 98 |
| 49) Dimethylphthalate | 9.84 | 163 | 108892 | 43.19 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 9.90 | 165 | 20946 | 42.45 | ng | | 93 |
| 51) Acenaphthene | 10.16 | 154 | 93245 | 41.86 | ng | | 88 |
| 52) 3-Nitroaniline | 10.08 | 138 | 22226 | 40.78 | ng | # | 27 |
| 53) 2,4-Dinitrophenol | 10.18 | 184 | 8744 | 37.90 | ng | # | 49 |
| 54) Dibenzofuran | 10.33 | 168 | 134670 | 41.82 | ng | | 93 |
| 55) 4-Nitrophenol | 10.25 | 139 | 16620 | 42.34 | ng | # | 16 |
| 56) 2,4-Dinitrotoluene | 10.30 | 165 | 30707 | 42.94 | ng | # | 88 |
| 57) Fluorene | 10.67 | 166 | 107701 | 42.60 | ng | | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.45 | 232 | 23721 | 43.28 | ng | | 96 |
| 59) Diethylphthalate | 10.53 | 149 | 99377 | 41.79 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.66 | 204 | 46440 | 41.04 | ng | | 96 |
| 61) 4-Nitroaniline | 10.69 | 138 | 25166 | 46.64 | ng | # | 43 |
| 62) Azobenzene | 10.82 | 77 | 107915 | 43.20 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.72 | 198 | 12744 | 41.62 | ng | # | 71 |
| 65) n-Nitrosodiphenylamine | 10.77 | 169 | 94526 | 44.23 | ng | | 92 |
| 66) 4-Bromophenyl-phenylether | 11.15 | 248 | 26607 | 43.48 | ng | # | 87 |
| 67) Hexachlorobenzene | 11.22 | 284 | 29400 | 43.45 | ng | # | 89 |
| 68) Atrazine | 11.30 | 200 | 25182 | 43.52 | ng | | 84 |
| 69) Pentachlorophenol | 11.42 | 266 | 13480 | 40.28 | ng | | 98 |
| 70) Phenanthrene | 11.64 | 178 | 148883 | 42.08 | ng | | 97 |
| 71) Anthracene | 11.69 | 178 | 150644 | 44.90 | ng | | 99 |
| 72) Carbazole | 11.86 | 167 | 128728 | 43.74 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.18 | 149 | 154467 | 44.79 | ng | # | 98 |
| 74) Fluoranthene | 12.90 | 202 | 146874 | 44.32 | ng | | 88 |
| 76) Benzidine | 13.04 | 184 | 81126 | 41.09 | ng | # | 97 |
| 77) Pyrene | 13.15 | 202 | 155263 | 39.71 | ng | | 97 |
| 79) Butylbenzylphthalate | 13.86 | 149 | 56715 | 40.51 | ng | | 93 |
| 80) Benzo(a)anthracene | 14.57 | 228 | 142799 | 42.45 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 14.53 | 252 | 42213 | 38.37 | ng | # | 93 |
| 82) Chrysene | 14.61 | 228 | 133205 | 40.71 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 14.55 | 149 | 82635 | 40.37 | ng | # | 90 |
| 84) Di-n-octyl phthalate | 15.37 | 149 | 120996 | 36.97 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.04 | 276 | 173605 | 43.99 | ng | # | 92 |
| 87) Benzo(b)fluoranthene | 15.93 | 252 | 148430 | 44.52 | ng | # | 88 |
| 88) Benzo(k)fluoranthene | 15.93 | 252 | 148430 | 43.80 | ng | # | 89 |
| 89) Benzo(a)pyrene | 16.35 | 252 | 120638 | 38.70 | ng | # | 86 |
| 90) Dibenzo(a,h)anthracene | 18.05 | 278 | 143210 | 41.73 | ng | # | 84 |
| 91) Benzo(g,h,i)perylene | 18.52 | 276 | 147970 | 41.52 | ng | # | 81 |

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

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