Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017572.D
Acq On : 9 Jun 2015 14:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
apatel
6/10/2015 5:42:15 PM

Quant Time: Jun 10 05:10:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 13913 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.37 | 136 | 61088 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.25 | 164 | 39613 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.01 | 188 | 94566 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.20 | 240 | 116741 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.42 | 264 | 110880 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.16 | 112 | 68973 | 87.34 | ng | | 0.00 |
| 7) Phenol-d6 | 6.78 | 99 | 87646 | 81.47 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.74 | 82 | 104719 | 85.57 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.76 | 330 | 46514 | 84.54 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.86 | 172 | 226591 | 86.29 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.64 | 244 | 472895 | 83.72 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.01 | 88 | 14154 | 39.82 | ng | # | 91 |
| 3) Pyridine | 3.42 | 79 | 39535 | 41.64 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.33 | 42 | 34001 | 54.64 | ng | # | 77 |
| 6) Aniline | 6.91 | 93 | 57661 | 39.92 | ng | | 93 |
| 8) 2-Chlorophenol | 7.15 | 128 | 39130 | 41.90 | ng | | 96 |
| 9) Benzaldehyde | 6.71 | 77 | 25614 | 35.08 | ng | | 98 |
| 10) Phenol | 6.81 | 94 | 46436 | 42.02 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.01 | 93 | 35425 | 42.07 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.46 | 146 | 44018 | 42.17 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.61 | 146 | 44632 | 40.80 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.92 | 146 | 42698 | 41.69 | ng | | 94 |
| 15) Benzyl Alcohol | 7.82 | 79 | 43258 | 43.19 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 55980 | 39.45 | ng | | 97 |
| 17) 2-Methylphenol | 8.05 | 107 | 33366 | 39.79 | ng | | 95 |
| 18) Hexachloroethane | 8.65 | 117 | 19299 | 44.22 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 8.39 | 70 | 35100 | 38.56 | ng | # | 87 |
| 20) 3+4-Methylphenols | 8.38 | 107 | 46430 | 40.02 | ng | # | 88 |
| 22) Acetophenone | 8.40 | 105 | 61748 | 41.24 | ng | # | 92 |
| 24) Nitrobenzene | 8.78 | 77 | 53708 | 42.28 | ng | | 99 |
| 25) Isophorone | 9.30 | 82 | 97126 | 37.95 | ng | | 97 |
| 26) 2-Nitrophenol | 9.49 | 139 | 25597 | 43.45 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.57 | 122 | 38800 | 40.50 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.79 | 93 | 45811 | 39.18 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.04 | 162 | 39948 | 42.79 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.24 | 180 | 45342 | 41.30 | ng | | 95 |
| 31) Naphthalene | 10.42 | 128 | 128810 | 40.36 | ng | | 98 |
| 32) Benzoic acid | 9.75 | 122 | 25038 | 41.34 | ng | | 92 |
| 33) 4-Chloroaniline | 10.54 | 127 | 55934 | 39.50 | ng | | 94 |
| 34) Hexachlorobutadiene | 10.70 | 225 | 31350 | 43.87 | ng | | 92 |
| 35) Caprolactam | 11.32 | 113 | 18354 | 35.72 | ng | # | 84 |
| 36) 4-Chloro-3-methylphenol | 11.71 | 107 | 48330 | 39.79 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.05 | 142 | 101081 | 41.20 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 52076 | 43.20 | ng | | 96 |
| 40) Hexachlorocyclopentadiene | 12.40 | 237 | 19212 | 31.52 | ng | | 98 |

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017572.D
Acq On : 9 Jun 2015 14:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
apatel
6/10/2015 5:42:15 PM

Quant Time: Jun 10 05:10:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.68 | 196 | 39497 | 45.76 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 12.77 | 196 | 39724 | 42.02 | ng | | 95 |
| 45) 1,1'-Biphenyl | 13.08 | 154 | 125739 | 43.43 | ng | | 100 |
| 46) 2-Chloronaphthalene | 13.12 | 162 | 105854 | 43.72 | ng | | 97 |
| 47) 2-Nitroaniline | 13.33 | 65 | 36902 | 41.28 | ng | | 99 |
| 48) Acenaphthylene | 13.97 | 152 | 178270 | 41.80 | ng | | 98 |
| 49) Dimethylphthalate | 13.72 | 163 | 136448 | 39.57 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 13.84 | 165 | 30804 | 39.76 | ng | # | 85 |
| 51) Acenaphthene | 14.32 | 154 | 105428 | 41.94 | ng | | 99 |
| 52) 3-Nitroaniline | 14.17 | 138 | 33257 | 39.64 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 14.39 | 184 | 16115 | 37.26 | ng | | 98 |
| 54) Dibenzofuran | 14.65 | 168 | 152740 | 41.18 | ng | | 96 |
| 55) 4-Nitrophenol | 14.54 | 139 | 22285 | 33.75 | ng | | 84 |
| 56) 2,4-Dinitrotoluene | 14.63 | 165 | 43626 | 39.53 | ng | # | 79 |
| 57) Fluorene | 15.30 | 166 | 141643 | 42.12 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 36105 | 41.86 | ng | # | 97 |
| 59) Diethylphthalate | 15.09 | 149 | 147084 | 39.30 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.30 | 204 | 72209 | 42.37 | ng | | 96 |
| 61) 4-Nitroaniline | 15.34 | 138 | 37354 | 40.43 | ng | # | 76 |
| 62) Azobenzene | 15.60 | 77 | 152089 | 42.75 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 15.40 | 198 | 28608 | 40.81 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 15.52 | 169 | 123509 | 43.79 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.20 | 248 | 44661 | 42.66 | ng | | 97 |
| 67) Hexachlorobenzene | 16.31 | 284 | 48400 | 43.01 | ng | | 94 |
| 68) Atrazine | 16.48 | 200 | 49707 | 40.04 | ng | | 97 |
| 69) Pentachlorophenol | 16.67 | 266 | 22645 | 36.11 | ng | | 91 |
| 70) Phenanthrene | 17.05 | 178 | 219938 | 41.71 | ng | | 99 |
| 71) Anthracene | 17.14 | 178 | 220333 | 41.83 | ng | | 97 |
| 72) Carbazole | 17.42 | 167 | 206093 | 39.63 | ng | | 99 |
| 73) Di-n-butylphthalate | 17.98 | 149 | 265201 | 39.82 | ng | # | 97 |
| 74) Fluoranthene | 19.07 | 202 | 284638 | 41.28 | ng | | 97 |
| 76) Benzidine | 19.27 | 184 | 132309 | 32.98 | ng | | 98 |
| 77) Pyrene | 19.43 | 202 | 289223 | 40.22 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.34 | 149 | 129286 | 41.54 | ng | | 96 |
| 80) Benzo(a)anthracene | 21.19 | 228 | 293451 | 40.87 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.13 | 252 | 108866 | 40.58 | ng | | 97 |
| 82) Chrysene | 21.24 | 228 | 267931 | 41.21 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 185006 | 41.22 | ng | | 99 |
| 84) Di-n-octyl phthalate | 21.99 | 149 | 301057 | 40.01 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 335911 | 41.15 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 22.76 | 252 | 288053 | 40.99 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 22.80 | 252 | 280627m | 41.74 | ng | | |
| 89) Benzo(a)pyrene | 23.33 | 252 | 264136 | 40.99 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 25.69 | 278 | 283323 | 42.32 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 26.38 | 276 | 266442 | 41.81 | ng | # | 96 |

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
Data File : BG017572.D
Acq On : 9 Jun 2015 14:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 05:10:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
apatel
6/10/2015 5:42:15 PM