Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078195.D
Acq On : 2 Apr 2015 12:44
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
apatel
4/2/2015 5:51:50 PM

Quant Time: Apr 02 14:07:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.01 | 152 | 39878 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.59 | 136 | 160729 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.76 | 164 | 79869 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 12.59 | 188 | 148977 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 15.86 | 240 | 153772 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 17.57 | 264 | 151566 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 195920 | 81.00 | ng | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 240098 | 79.21 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.71 | 82 | 213827 | 80.64 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.73 | 330 | 57324 | 86.54 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.94 | 172 | 440713 | 78.87 | ng | 0.00 |
| 78) Terphenyl-d14 | 14.59 | 244 | 557231 | 81.88 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.86 | 88 | 44964 | 41.11 | ng | 100 |
| 3) Pyridine | 2.49 | 79 | 115827 | 40.43 | ng | 97 |
| 4) n-Nitrosodimethylamine | 2.43 | 42 | 43702 | 39.63 | ng | 98 |
| 6) Aniline | 6.60 | 93 | 170999 | 39.78 | ng | 100 |
| 8) 2-Chlorophenol | 6.75 | 128 | 112897 | 39.48 | ng | 99 |
| 9) Benzaldehyde | 6.46 | 77 | 80145 | 39.89 | ng | 99 |
| 10) Phenol | 6.62 | 94 | 140886 | 38.79 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.72 | 93 | 106830 | 40.90 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.93 | 146 | 123324 | 39.26 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.04 | 146 | 124920 | 39.50 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.22 | 146 | 117286 | 39.56 | ng | 98 |
| 15) Benzyl Alcohol | 7.21 | 79 | 83591 | 39.24 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.39 | 45 | 139129 | 39.93 | ng | 99 |
| 17) 2-Methylphenol | 7.37 | 107 | 90223 | 40.63 | ng | 98 |
| 18) Hexachloroethane | 7.64 | 117 | 42387 | 39.75 | ng | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.55 | 70 | 80000 | 40.00 | ng | 98 |
| 20) 3+4-Methylphenols | 7.56 | 107 | 119690 | 40.41 | ng | 98 |
| 22) Acetophenone | 7.54 | 105 | 151946 | 40.57 | ng | 99 |
| 24) Nitrobenzene | 7.74 | 77 | 110707 | 39.94 | ng | 99 |
| 25) Isophorone | 8.04 | 82 | 209678 | 41.66 | ng | 99 |
| 26) 2-Nitrophenol | 8.13 | 139 | 56583 | 42.83 | ng | 98 |
| 27) 2,4-Dimethylphenol | 8.21 | 122 | 100599 | 40.95 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.33 | 93 | 132835 | 41.16 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.44 | 162 | 90112 | 40.32 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.53 | 180 | 102069 | 39.84 | ng | 100 |
| 31) Naphthalene | 8.62 | 128 | 335105 | 40.06 | ng | 99 |
| 32) Benzoic acid | 8.34 | 122 | 44600 | 39.74 | ng | 91 |
| 33) 4-Chloroaniline | 8.70 | 127 | 146529 | 42.21 | ng | 99 |
| 34) Hexachlorobutadiene | 8.77 | 225 | 56340 | 40.05 | ng | 95 |
| 35) Caprolactam | 9.14 | 113 | 28649 | 42.95 | ng | 89 |
| 36) 4-Chloro-3-methylphenol | 9.32 | 107 | 95877 | 42.52 | ng | 98 |
| 37) 2-Methylnaphthalene | 9.48 | 142 | 223807 | 39.40 | ng | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.69 | 216 | 101501 | 41.01 | ng | 99 |
| 40) Hexachlorocyclopentadiene | 9.66 | 237 | 37388 | 38.92 | ng | 99 |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078195.D
Acq On : 2 Apr 2015 12:44
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
apatel
4/2/2015 5:51:50 PM

Quant Time: Apr 02 14:07:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.84 | 196 | 68891 | 44.14 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.88 | 196 | 68103 | 41.77 | ng | | 99 |
| 45) 1,1'-Biphenyl | 10.06 | 154 | 265132 | 40.58 | ng | | 100 |
| 46) 2-Chloronaphthalene | 10.08 | 162 | 204376 | 39.76 | ng | | 100 |
| 47) 2-Nitroaniline | 10.21 | 65 | 57160 | 44.95 | ng | | 98 |
| 48) Acenaphthylene | 10.59 | 152 | 335840 | 40.46 | ng | | 100 |
| 49) Dimethylphthalate | 10.45 | 163 | 240436 | 40.07 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.53 | 165 | 52391 | 42.44 | ng | | 98 |
| 51) Acenaphthene | 10.80 | 154 | 186978 | 40.01 | ng | | 99 |
| 52) 3-Nitroaniline | 10.73 | 138 | 61820 | 44.04 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 10.87 | 184 | 13609 | 39.63 | ng | | 95 |
| 54) Dibenzofuran | 11.01 | 168 | 288915 | 40.48 | ng | | 100 |
| 55) 4-Nitrophenol | 10.97 | 139 | 37554 | 37.84 | ng | | 98 |
| 56) 2,4-Dinitrotoluene | 11.03 | 165 | 69849 | 43.69 | ng | | 90 |
| 57) Fluorene | 11.44 | 166 | 238511 | 41.22 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.17 | 232 | 54273 | 44.90 | ng | | 98 |
| 59) Diethylphthalate | 11.33 | 149 | 244208 | 42.21 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.45 | 204 | 110819 | 41.64 | ng | # | 79 |
| 61) 4-Nitroaniline | 11.48 | 138 | 64810 | 45.67 | ng | | 98 |
| 62) Azobenzene | 11.64 | 77 | 214014 | 40.53 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 11.52 | 198 | 27296 | 38.89 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 11.60 | 169 | 207763 | 40.32 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.05 | 248 | 64950 | 41.17 | ng | | 95 |
| 67) Hexachlorobenzene | 12.11 | 284 | 68951 | 39.88 | ng | # | 93 |
| 68) Atrazine | 12.28 | 200 | 67225 | 45.04 | ng | | 97 |
| 69) Pentachlorophenol | 12.36 | 266 | 27782 | 40.48 | ng | | 100 |
| 70) Phenanthrene | 12.63 | 178 | 352584 | 40.91 | ng | | 99 |
| 71) Anthracene | 12.68 | 178 | 351043 | 41.34 | ng | | 100 |
| 72) Carbazole | 12.90 | 167 | 343025 | 43.10 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.36 | 149 | 387446 | 42.98 | ng | | 99 |
| 74) Fluoranthene | 14.09 | 202 | 372717 | 41.01 | ng | | 96 |
| 76) Benzidine | 14.28 | 184 | 225456 | 38.08 | ng | | 99 |
| 77) Pyrene | 14.36 | 202 | 384213 | 39.80 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.21 | 149 | 163008 | 44.31 | ng | | 89 |
| 80) Benzo(a)anthracene | 15.85 | 228 | 368023 | 40.23 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 15.84 | 252 | 125105 | 40.83 | ng | # | 97 |
| 82) Chrysene | 15.89 | 228 | 346961 | 40.36 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 15.93 | 149 | 252427 | 43.74 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 16.72 | 149 | 418498 | 44.17 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.89 | 276 | 407903 | 41.82 | ng | # | 86 |
| 87) Benzo(b)fluoranthene | 17.14 | 252 | 417220 | 44.54 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 17.17 | 252 | 288441m | 34.65 | ng | | |
| 89) Benzo(a)pyrene | 17.52 | 252 | 330440 | 40.42 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 18.91 | 278 | 328969 | 40.19 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 19.28 | 276 | 336555 | 41.01 | ng | | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078195.D
Acq On : 2 Apr 2015 12:44
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 14:07:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
apatel
4/2/2015 5:51:50 PM