Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046499.D
Acq On : 2 Sep 2020 9:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 02 15:08:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.93 | 152 | 96037 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.73 | 136 | 373912 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.56 | 164 | 248383 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.31 | 188 | 572845 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.55 | 240 | 559340 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.66 | 264 | 602830 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 400265 | 73.82 | ng | | 0.00 |
| 7) Phenol-d6 | 7.11 | 99 | 562942 | 73.24 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.09 | 82 | 489307 | 74.79 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.05 | 330 | 243517 | 72.36 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.19 | 172 | 1212558 | 74.52 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.92 | 244 | 1879527 | 71.51 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.42 | 88 | 83273 | 36.915 | ng | | 98 |
| 3) Pyridine | 3.82 | 79 | 245530 | 37.201 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.73 | 42 | 94295 | 38.736 | ng | | 98 |
| 6) Aniline | 7.25 | 93 | 317002 | 36.649 | ng | | 99 |
| 8) 2-Chlorophenol | 7.50 | 128 | 206607 | 36.052 | ng | | 98 |
| 9) Benzaldehyde | 7.07 | 77 | 161391 | 37.476 | ng | | 97 |
| 10) Phenol | 7.13 | 94 | 259647 | 36.675 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.35 | 93 | 207568 | 36.475 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.82 | 146 | 268620 | 36.919 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.97 | 146 | 269181 | 36.955 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.29 | 146 | 253283 | 36.264 | ng | | 99 |
| 15) Benzyl Alcohol | 8.17 | 79 | 189082 | 38.315 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.46 | 45 | 336403 | 38.111 | ng | | 100 |
| 17) 2-Methylphenol | 8.38 | 107 | 184987 | 36.844 | ng | | 100 |
| 18) Hexachloroethane | 9.02 | 117 | 92774 | 37.564 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.73 | 70 | 170249 | 37.029 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.70 | 107 | 255952 | 36.933 | ng | | 99 |
| 22) Acetophenone | 8.75 | 105 | 332580 | 36.540 | ng | # | 100 |
| 24) Nitrobenzene | 9.13 | 77 | 240180 | 37.161 | ng | | 97 |
| 25) Isophorone | 9.65 | 82 | 447175 | 37.283 | ng | | 98 |
| 26) 2-Nitrophenol | 9.84 | 139 | 131861 | 38.669 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.91 | 122 | 174783 | 37.266 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93 | 289702 | 37.527 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.38 | 162 | 235139 | 37.608 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.60 | 180 | 272939 | 36.792 | ng | | 98 |
| 31) Naphthalene | 10.78 | 128 | 668812 | 36.634 | ng | | 99 |
| 32) Benzoic acid | 10.06 | 122 | 103831 | 33.772 | ng | | 98 |
| 33) 4-Chloroaniline | 10.88 | 127 | 291641 | 36.227 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.07 | 225 | 183082 | 38.018 | ng | | 98 |
| 35) Caprolactam | 11.66 | 113 | 79242 | 33.906 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.02 | 107 | 221727 | 36.259 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.39 | 142 | 520485 | 36.148 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.61 | 142 | 492258 | 36.092 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 315945 | 38.573 | ng | | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046499.D
Acq On : 2 Sep 2020 9:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 02 15:08:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.74 | 237 | 152079 | 42.700 ng | 97 |
| 43) 2,4,6-Trichlorophenol | 13.00 | 196 | 209302 | 37.867 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 13.07 | 196 | 217132 | 37.389 ng | 99 |
| 46) 1,1'-Biphenyl | 13.39 | 154 | 652308 | 37.747 ng | 99 |
| 47) 2-Chloronaphthalene | 13.44 | 162 | 548115 | 37.409 ng | 99 |
| 48) 2-Nitroaniline | 13.63 | 65 | 154723 | 38.029 ng | 99 |
| 49) Acenaphthylene | 14.29 | 152 | 826131 | 37.170 ng | 99 |
| 50) Dimethylphthalate | 14.02 | 163 | 688448 | 35.827 ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.13 | 165 | 153500 | 36.238 ng | 99 |
| 52) Acenaphthene | 14.63 | 154 | 503668 | 36.569 ng | 100 |
| 53) 3-Nitroaniline | 14.46 | 138 | 163739 | 35.686 ng | 97 |
| 54) 2,4-Dinitrophenol | 14.67 | 184 | 99262 | 40.146 ng | 96 |
| 55) Dibenzofuran | 14.96 | 168 | 805823 | 36.457 ng | 99 |
| 56) 4-Nitrophenol | 14.78 | 139 | 123459 | 36.561 ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.93 | 165 | 216932 | 35.916 ng | 99 |
| 58) Fluorene | 15.61 | 166 | 658930 | 35.519 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.19 | 232 | 209230 | 37.101 ng | 99 |
| 60) Diethylphthalate | 15.38 | 149 | 666828 | 35.592 ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.60 | 204 | 370841 | 36.297 ng | 98 |
| 62) 4-Nitroaniline | 15.63 | 138 | 171709 | 35.467 ng | 97 |
| 63) Azobenzene | 15.90 | 77 | 554679 | 36.395 ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198 | 131268 | 40.486 ng | 93 |
| 66) n-Nitrosodiphenylamine | 15.81 | 169 | 583375 | 37.749 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.50 | 248 | 258363 | 38.658 ng | 99 |
| 68) Hexachlorobenzene | 16.62 | 284 | 275353 | 37.202 ng | 98 |
| 69) Atrazine | 16.77 | 200 | 232844 | 36.933 ng | 97 |
| 70) Pentachlorophenol | 16.97 | 266 | 152531 | 39.443 ng | 98 |
| 71) Phenanthrene | 17.35 | 178 | 1055350 | 36.347 ng | 99 |
| 72) Anthracene | 17.44 | 178 | 1041994 | 36.373 ng | 99 |
| 73) Carbazole | 17.71 | 167 | 980947 | 36.267 ng | 99 |
| 74) Di-n-butylphthalate | 18.27 | 149 | 1128754 | 36.292 ng | 100 |
| 75) Fluoranthene | 19.36 | 202 | 1314047 | 35.167 ng | 99 |
| 77) Benzidine | 19.53 | 184 | 484120 | 37.248 ng | 99 |
| 78) Pyrene | 19.72 | 202 | 1310096 | 36.782 ng | 100 |
| 80) Butylbenzylphthalate | 20.61 | 149 | 524682 | 37.766 ng | 98 |
| 81) Benzo(a)anthracene | 21.54 | 228 | 1265578 | 36.301 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.45 | 252 | 477458 | 36.903 ng | 98 |
| 83) Chrysene | 21.60 | 228 | 1209719 | 36.072 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.45 | 149 | 708302 | 37.359 ng | 100 |
| 85) Di-n-octyl phthalate | 22.62 | 149 | 1233590 | 37.999 ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.17 | 276 | 1524122 | 35.202 ng | 100 |
| 88) Benzo(b)fluoranthene | 23.68 | 252 | 1315982 | 34.961 ng | 97 |
| 89) Benzo(k)fluoranthene | 23.75 | 252 | 1260885 | 34.660 ng | 99 |
| 90) Benzo(a)pyrene | 24.51 | 252 | 1240618 | 35.317 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.23 | 278 | 1223649 | 35.022 ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.27 | 276 | 1231893 | 35.308 ng | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046499.D
Acq On : 2 Sep 2020 9:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 02 15:08:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration