Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036359.D
Acq On : 23 Aug 2018 1:47
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC080

Quant Time: Aug 23 11:56:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 03:00:46 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 53901 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.88 | 136 | 244558 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.70 | 164 | 153519 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.44 | 188 | 366643 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.72 | 240 | 360719 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.94 | 264 | 380812 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 525991 | 154.80 | ng | | 0.00 |
| 7) Phenol-d6 | 7.23 | 99 | 768327 | 157.93 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.24 | 82 | 728248 | 161.57 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.19 | 330 | 302208 | 164.98 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.33 | 172 | 1547741 | 143.95 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.05 | 244 | 2094107 | 135.69 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.54 | 88 | 116803 | 73.657 | ng | | 99 |
| 3) Pyridine | 3.94 | 79 | 327592 | 73.597 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.85 | 42 | 157608 | 79.497 | ng | | 96 |
| 6) Aniline | 7.40 | 93 | 487088 | 78.878 | ng | | 98 |
| 8) 2-Chlorophenol | 7.64 | 128 | 290943 | 78.957 | ng | | 96 |
| 10) Phenol | 7.26 | 94 | 400974 | 78.760 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.50 | 93 | 314951 | 78.032 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.97 | 146 | 323566 | 76.901 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.11 | 146 | 328707 | 77.378 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.43 | 146 | 313852 | 77.361 | ng | | 96 |
| 15) Benzyl Alcohol | 8.31 | 79 | 326892 | 83.351 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61 | 45 | 625824 | 76.885 | ng | | 99 |
| 17) 2-Methylphenol | 8.51 | 107 | 272294 | 80.548 | ng | | 97 |
| 18) Hexachloroethane | 9.16 | 117 | 120137 | 78.878 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.89 | 70 | 291842 | 80.267 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.84 | 107 | 386832 | 81.961 | ng | | 99 |
| 22) Acetophenone | 8.90 | 105 | 483228 | 75.246 | ng | # | 98 |
| 24) Nitrobenzene | 9.28 | 77 | 394344 | 81.132 | ng | | 98 |
| 25) Isophorone | 9.81 | 82 | 700206 | 78.199 | ng | | 98 |
| 26) 2-Nitrophenol | 9.99 | 139 | 166471 | 86.431 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.05 | 122 | 271956 | 76.266 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93 | 419264 | 76.293 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.52 | 162 | 316802 | 81.065 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.75 | 180 | 353425 | 77.307 | ng | | 99 |
| 31) Naphthalene | 10.93 | 128 | 920053 | 75.259 | ng | | 98 |
| 32) Benzoic acid | 10.21 | 122 | 214388 | 78.006 | ng | | 98 |
| 33) 4-Chloroaniline | 11.03 | 127 | 431102 | 76.954 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.22 | 225 | 239782 | 78.063 | ng | | 98 |
| 35) Caprolactam | 11.83 | 113 | 124124 | 79.730 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.15 | 107 | 364104 | 80.183 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.53 | 142 | 690468 | 77.189 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 423612 | 77.972 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.88 | 237 | 239412 | 84.696 | ng | | 97 |
| 42) 2,4,6-Trichlorophenol | 13.13 | 196 | 270744 | 81.810 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036359.D
Acq On : 23 Aug 2018 1:47
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC080

Quant Time: Aug 23 11:56:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 03:00:46 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 13.20 | 196 | 281373 | 79.712 ng | 98 |
| 45) 1,1'-Biphenyl | 13.54 | 154 | 950857 | 74.616 ng | 99 |
| 46) 2-Chloronaphthalene | 13.58 | 162 | 738746 | 75.937 ng | 98 |
| 47) 2-Nitroaniline | 13.78 | 65 | 267251 | 87.483 ng | 97 |
| 48) Acenaphthylene | 14.42 | 152 | 1133871 | 74.577 ng | 98 |
| 49) Dimethylphthalate | 14.16 | 163 | 934654 | 74.559 ng | 98 |
| 50) 2,6-Dinitrotoluene | 14.27 | 165 | 206125 | 79.909 ng | 98 |
| 51) Acenaphthene | 14.76 | 154 | 754946 | 77.531 ng | 99 |
| 52) 3-Nitroaniline | 14.60 | 138 | 228709 | 82.277 ng | 99 |
| 53) 2,4-Dinitrophenol | 14.80 | 184 | 89788 | 91.896 ng | 98 |
| 54) Dibenzofuran | 15.10 | 168 | 1108145 | 72.641 ng | 97 |
| 55) 4-Nitrophenol | 14.89 | 139 | 180700 | 79.505 ng | 95 |
| 56) 2,4-Dinitrotoluene | 15.06 | 165 | 278620 | 82.877 ng | 94 |
| 57) Fluorene | 15.75 | 166 | 827653 | 72.575 ng | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.32 | 232 | 262533 | 79.161 ng | 99 |
| 59) Diethylphthalate | 15.52 | 149 | 936354 | 74.118 ng | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.74 | 204 | 528752 | 75.086 ng | 98 |
| 61) 4-Nitroaniline | 15.77 | 138 | 230831 | 79.356 ng | 98 |
| 62) Azobenzene | 16.03 | 77 | 943631 | 73.411 ng | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198 | 148470 | 92.184 ng | 98 |
| 65) n-Nitrosodiphenylamine | 15.96 | 169 | 828788 | 76.076 ng | 100 |
| 66) 4-Bromophenyl-phenylether | 16.64 | 248 | 339650 | 79.124 ng | 98 |
| 67) Hexachlorobenzene | 16.75 | 284 | 344666 | 78.523 ng | 98 |
| 69) Pentachlorophenol | 17.09 | 266 | 248850 | 83.418 ng | 98 |
| 70) Phenanthrene | 17.49 | 178 | 1361126 | 73.060 ng | 96 |
| 71) Anthracene | 17.58 | 178 | 1343777 | 72.359 ng | 96 |
| 72) Carbazole | 17.84 | 167 | 1329157 | 71.666 ng | 97 |
| 73) Di-n-butylphthalate | 18.41 | 149 | 1467825 | 71.071 ng | 97 |
| 74) Fluoranthene | 19.49 | 202 | 1597202 | 70.318 ng | 96 |
| 77) Pyrene | 19.85 | 202 | 1599221 | 72.095 ng | 95 |
| 79) Butylbenzylphthalate | 20.75 | 149 | 709470 | 80.368 ng | 98 |
| 80) Benzo(a)anthracene | 21.70 | 228 | 1589486 | 72.735 ng | 96 |
| 81) 3,3'-Dichlorobenzidine | 21.61 | 252 | 661224 | 75.922 ng | 96 |
| 82) Chrysene | 21.76 | 228 | 1512810 | 73.034 ng | 95 |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 941361 | 76.203 ng | 97 |
| 84) Di-n-octyl phthalate | 22.85 | 149 | 1622329 | 78.625 ng | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 28.62 | 276 | 1924453 | 79.990 ng | 99 |
| 87) Benzo(b)fluoranthene | 23.92 | 252 | 1640456 | 77.576 ng | 96 |
| 88) Benzo(k)fluoranthene | 24.00 | 252 | 1553550 | 75.199 ng | 98 |
| 89) Benzo(a)pyrene | 24.79 | 252 | 1581402 | 77.823 ng | 98 |
| 90) Dibenzo(a,h)anthracene | 28.71 | 278 | 1518084 | 77.386 ng | 98 |
| 91) Benzo(g,h,i)perylene | 29.78 | 276 | 1561794 | 79.224 ng | 98 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036359.D
Acq On : 23 Aug 2018 1:47
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

Quant Time: Aug 23 11:56:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 03:00:46 2018
Response via : Initial Calibration