Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042776.D
Acq On : 12 Sep 2019 10:31
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICCC040

Quant Time: Sep 12 12:44:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:36:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.13 | 152 | 70386 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.93 | 136 | 285167 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.74 | 164 | 199084 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.49 | 188 | 476333 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.76 | 240 | 473309 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 25.04 | 264 | 523807 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.69 | 112 | 325266 | 79.52 | ng | 0.00 |
| 7) Phenol-d6 | 7.27 | 99 | 466536 | 80.19 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.28 | 82 | 437336 | 92.83 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 212639 | 84.37 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.37 | 172 | 1022105 | 81.12 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.09 | 244 | 1801846 | 84.22 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.59 | 88 | 75039 | 40.334 | ng | 100 |
| 3) Pyridine | 3.99 | 79 | 228349 | 40.630 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.90 | 42 | 109581 | 39.644 | ng | 100 |
| 6) Aniline | 7.44 | 93 | 317067 | 40.010 | ng | 100 |
| 8) 2-Chlorophenol | 7.69 | 128 | 173236 | 40.010 | ng | 100 |
| 9) Benzaldehyde | 7.26 | 77 | 142395 | 39.512 | ng | 100 |
| 10) Phenol | 7.30 | 94 | 238411 | 40.335 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.54 | 93 | 183621 | 40.197 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 8.01 | 146 | 216140 | 40.422 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 8.16 | 146 | 215603 | 40.387 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.48 | 146 | 201213 | 39.711 | ng | 100 |
| 15) Benzyl Alcohol | 8.35 | 79 | 200424 | 40.177 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 404189 | 39.374 | ng | 100 |
| 17) 2-Methylphenol | 8.55 | 107 | 157622 | 39.215 | ng | 100 |
| 18) Hexachloroethane | 9.22 | 117 | 79097 | 40.475 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.93 | 70 | 171200 | 40.014 | ng | 100 |
| 20) 3+4-Methylphenols | 8.88 | 107 | 216288 | 39.477 | ng | 100 |
| 22) Acetophenone | 8.94 | 105 | 287125 | 39.661 | ng | 100 |
| 24) Nitrobenzene | 9.32 | 77 | 228581 | 44.888 | ng | 100 |
| 25) Isophorone | 9.85 | 82 | 460459 | 40.503 | ng | 100 |
| 26) 2-Nitrophenol | 10.04 | 139 | 88845 | 48.331 | ng | 100 |
| 27) 2,4-Dimethylphenol | 10.09 | 122 | 161973 | 40.888 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93 | 255141 | 40.031 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.57 | 162 | 186567 | 41.152 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.79 | 180 | 227348 | 40.381 | ng | 100 |
| 31) Naphthalene | 10.98 | 128 | 568654 | 40.756 | ng | 100 |
| 32) Benzoic acid | 10.20 | 122 | 127718 | 49.637 | ng | 100 |
| 33) 4-Chloroaniline | 11.08 | 127 | 265916 | 40.176 | ng | 100 |
| 34) Hexachlorobutadiene | 11.28 | 225 | 157476 | 39.862 | ng | 100 |
| 35) Caprolactam | 11.84 | 113 | 70852 | 41.548 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 12.19 | 107 | 205674 | 41.671 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.58 | 142 | 428655 | 40.825 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.80 | 142 | 402437 | 41.010 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 258176 | 39.138 | ng | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042776.D
Acq On : 12 Sep 2019 10:31
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICCC040

Quant Time: Sep 12 12:44:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:36:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.93 | 237 | 146668 | 38.426 ng | 100 |
| 43) 2,4,6-Trichlorophenol | 13.17 | 196 | 175057 | 42.105 ng | 100 |
| 44) 2,4,5-Trichlorophenol | 13.24 | 196 | 180134 | 41.813 ng | 100 |
| 46) 1,1'-Biphenyl | 13.58 | 154 | 552340 | 39.936 ng | 100 |
| 47) 2-Chloronaphthalene | 13.62 | 162 | 454843 | 39.657 ng | 100 |
| 48) 2-Nitroaniline | 13.81 | 65 | 157337 | 48.166 ng | 100 |
| 49) Acenaphthylene | 14.47 | 152 | 705389 | 39.894 ng | 100 |
| 50) Dimethylphthalate | 14.20 | 163 | 597795 | 40.209 ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.30 | 165 | 121516 | 47.612 ng | 100 |
| 52) Acenaphthene | 14.81 | 154 | 454427 | 40.191 ng | 100 |
| 53) 3-Nitroaniline | 14.63 | 138 | 137640 | 46.378 ng | 100 |
| 54) 2,4-Dinitrophenol | 14.83 | 184 | 58508 | 46.834 ng | 100 |
| 55) Dibenzofuran | 15.14 | 168 | 693805 | 40.617 ng | 100 |
| 56) 4-Nitrophenol | 14.92 | 139 | 107989 | 45.729 ng | 100 |
| 57) 2,4-Dinitrotoluene | 15.09 | 165 | 163163 | 50.432 ng | 100 |
| 58) Fluorene | 15.79 | 166 | 565358 | 39.956 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.36 | 232 | 175149 | 41.885 ng | 100 |
| 60) Diethylphthalate | 15.56 | 149 | 608670 | 40.237 ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204 | 334694 | 40.081 ng | 100 |
| 62) 4-Nitroaniline | 15.79 | 138 | 150075 | 44.375 ng | 100 |
| 63) Azobenzene | 16.08 | 77 | 585544 | 40.118 ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198 | 78713 | 47.997 ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.99 | 169 | 505409 | 39.206 ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.67 | 248 | 227370 | 39.416 ng | 100 |
| 68) Hexachlorobenzene | 16.79 | 284 | 242374 | 39.719 ng | 100 |
| 69) Atrazine | 16.93 | 200 | 161277 | 38.978 ng | 100 |
| 70) Pentachlorophenol | 17.13 | 266 | 144976 | 42.226 ng | 100 |
| 71) Phenanthrene | 17.53 | 178 | 917844 | 40.089 ng | 100 |
| 72) Anthracene | 17.61 | 178 | 917182 | 40.044 ng | 100 |
| 73) Carbazole | 17.88 | 167 | 881018 | 40.119 ng | 100 |
| 74) Di-n-butylphthalate | 18.45 | 149 | 1065317 | 40.514 ng | 100 |
| 75) Fluoranthene | 19.53 | 202 | 1214172 | 40.025 ng | 100 |
| 77) Benzidine | 19.70 | 184 | 521687 | 37.120 ng | 100 |
| 78) Pyrene | 19.89 | 202 | 1223071 | 41.420 ng | 100 |
| 80) Butylbenzylphthalate | 20.78 | 149 | 490670 | 41.654 ng | 100 |
| 81) Benzo(a)anthracene | 21.75 | 228 | 1224947 | 40.612 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.65 | 252 | 463172 | 39.430 ng | 100 |
| 83) Chrysene | 21.81 | 228 | 1150727 | 40.164 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.67 | 149 | 657073 | 40.030 ng | 100 |
| 85) Di-n-octyl phthalate | 22.91 | 149 | 1123870 | 40.594 ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.78 | 276 | 1389498 | 39.466 ng | 100 |
| 88) Benzo(b)fluoranthene | 24.00 | 252 | 1248316 | 40.738 ng | 100 |
| 89) Benzo(k)fluoranthene | 24.07 | 252 | 1164809 | 39.811 ng | 100 |
| 90) Benzo(a)pyrene | 24.89 | 252 | 1156447 | 40.008 ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.86 | 278 | 1129852 | 40.074 ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.96 | 276 | 1099972 | 39.829 ng | 100 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042776.D
Acq On : 12 Sep 2019 10:31
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

Quant Time: Sep 12 12:44:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:36:43 2019
Response via : Initial Calibration