Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
Data File : BG054969.D
Acq On : 19 Sep 2022 12:10
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 16:03:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 16:00:32 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.061 | 152 | 31845 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.887 | 136 | 123207 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.706 | 164 | 86214 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.456 | 188 | 217033 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.733 | 240 | 236263 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.035 | 264 | 250601 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.599 | 112 | 16432 | 8.985 | ng | | 0.00 |
| 7) Phenol-d6 | 7.221 | 99 | 20800 | 8.317 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.236 | 82 | 20669 | 8.807 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.198 | 330 | 8939 | 8.298 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.325 | 172 | 58381 | 10.178 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.053 | 244 | 121958 | 10.228 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.407 | 88 | 4491m | 5.143 | ng | | |
| 3) Pyridine | 3.836 | 79 | 10596m | 4.350 | ng | | |
| 4) n-Nitrosodimethylamine | 3.748 | 42 | 3874 | 3.679 | ng | # | 84 |
| 6) Aniline | 7.379 | 93 | 13396 | 4.508 | ng | | 93 |
| 8) 2-Chlorophenol | 7.626 | 128 | 9613 | 4.811 | ng | | 97 |
| 9) Benzaldehyde | 7.197 | 77 | 8112 | 4.949 | ng | | 97 |
| 10) Phenol | 7.250 | 94 | 11454 | 4.453 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 7.473 | 93 | 9935 | 4.803 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 7.949 | 146 | 11851 | 5.125 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.096 | 146 | 12031 | 5.159 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.419 | 146 | 11182 | 5.056 | ng | | 96 |
| 15) Benzyl Alcohol | 8.308 | 79 | 7215 | 3.993 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.584 | 45 | 11455 | 3.539 | ng | | 93 |
| 17) 2-Methylphenol | 8.513 | 107 | 7728 | 4.364 | ng | | 97 |
| 18) Hexachloroethane | 9.154 | 117 | 3993 | 4.721 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.866 | 70 | 7169 | 4.168 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.848 | 107 | 10997 | 4.478 | ng | | 94 |
| 22) Acetophenone | 8.895 | 105 | 14664 | 4.757 | ng | # | 91 |
| 24) Nitrobenzene | 9.283 | 77 | 10266 | 4.340 | ng | | 93 |
| 25) Isophorone | 9.800 | 82 | 20130 | 4.600 | ng | | 98 |
| 26) 2-Nitrophenol | 10.006 | 139 | 5170 | 4.948 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.053 | 122 | 7446 | 4.497 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.282 | 93 | 11225 | 4.502 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 10.546 | 162 | 8352 | 4.435 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.746 | 180 | 10784 | 5.011 | ng | | 95 |
| 31) Naphthalene | 10.940 | 128 | 32827 | 4.966 | ng | | 98 |
| 33) 4-Chloroaniline | 11.051 | 127 | 12306 | 4.566 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.210 | 225 | 7515 | 5.450 | ng | | 97 |
| 35) Caprolactam | 11.809 | 113 | 3100 | 4.666 | ng | # | 74 |
| 36) 4-Chloro-3-methylphenol | 12.174 | 107 | 9123 | 4.430 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.544 | 142 | 22241 | 4.800 | ng | | 94 |
| 38) 1-Methylnaphthalene | 12.761 | 142 | 22195 | 4.924 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.908 | 216 | 12704 | 4.888 | ng | # | 97 |
| 43) 2,4,6-Trichlorophenol | 13.155 | 196 | 6384 | 3.701 | ng | | 95 |
| 44) 2,4,5-Trichlorophenol | 13.231 | 196 | 7350 | 3.794 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.543 | 154 | 30009 | 4.687 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
Data File : BG054969.D
Acq On : 19 Sep 2022 12:10
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 16:03:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 16:00:32 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 47) | 2-Chloronaphthalene | 13.590 | 162 | 23146 | 4.760 | ng | | 98 |
| 48) | 2-Nitroaniline | 13.795 | 65 | 6113 | 4.012 | ng | | 97 |
| 49) | Acenaphthylene | 14.436 | 152 | 39726 | 4.951 | ng | | 99 |
| 50) | Dimethylphthalate | 14.154 | 163 | 34275 | 5.160 | ng | # | 99 |
| 51) | 2,6-Dinitrotoluene | 14.283 | 165 | 6775 | 4.987 | ng | | 86 |
| 52) | Acenaphthene | 14.771 | 154 | 23527 | 4.565 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.618 | 138 | 7154 | 4.704 | ng | | 91 |
| 55) | Dibenzofuran | 15.105 | 168 | 39038 | 5.155 | ng | | 98 |
| 57) | 2,4-Dinitrotoluene | 15.076 | 165 | 9231 | 4.912 | ng | # | 81 |
| 58) | Fluorene | 15.752 | 166 | 32968 | 5.167 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.346 | 232 | 5714 | 3.272 | ng | # | 86 |
| 60) | Diethylphthalate | 15.505 | 149 | 34550 | 5.209 | ng | | 98 |
| 61) | 4-Chlorophenyl-phenyle... | 15.740 | 204 | 16466 | 5.232 | ng | | 94 |
| 62) | 4-Nitroaniline | 15.781 | 138 | 7231 | 4.657 | ng | | 90 |
| 63) | Azobenzene | 16.028 | 77 | 26568 | 4.215 | ng | | 94 |
| 66) | n-Nitrosodiphenylamine | 15.952 | 169 | 29018 | 4.636 | ng | | 94 |
| 67) | 4-Bromophenyl-phenylether | 16.633 | 248 | 11795 | 4.950 | ng | | 95 |
| 68) | Hexachlorobenzene | 16.756 | 284 | 13894 | 5.187 | ng | # | 93 |
| 69) | Atrazine | 16.898 | 200 | 11978 | 5.425 | ng | | 97 |
| 71) | Phenanthrene | 17.497 | 178 | 57925 | 5.010 | ng | | 97 |
| 72) | Anthracene | 17.585 | 178 | 55883 | 4.972 | ng | | 97 |
| 73) | Carbazole | 17.861 | 167 | 51373 | 4.961 | ng | | 97 |
| 74) | Di-n-butylphthalate | 18.396 | 149 | 65915 | 5.030 | ng | | 98 |
| 75) | Fluoranthene | 19.506 | 202 | 77437 | 5.506 | ng | | 94 |
| 77) | Benzidine | 19.683 | 184 | 36768 | 6.283 | ng | | 99 |
| 78) | Pyrene | 19.865 | 202 | 78752 | 4.780 | ng | | 99 |
| 80) | Butylbenzylphthalate | 20.734 | 149 | 29705 | 4.323 | ng | | 93 |
| 81) | Benzo(a)anthracene | 21.710 | 228 | 78862 | 4.923 | ng | | 98 |
| 82) | 3,3'-Dichlorobenzidine | 21.621 | 252 | 26103 | 4.648 | ng | # | 96 |
| 83) | Chrysene | 21.780 | 228 | 75878 | 4.954 | ng | | 98 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.586 | 149 | 42723 | 4.315 | ng | | 98 |
| 85) | Di-n-octyl phthalate | 22.820 | 149 | 75859 | 4.518 | ng | # | 91 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.854 | 276 | 91827 | 4.827 | ng | # | 94 |
| 88) | Benzo(b)fluoranthene | 23.977 | 252 | 73347 | 4.666 | ng | | 98 |
| 89) | Benzo(k)fluoranthene | 24.048 | 252 | 76232 | 4.818 | ng | | 97 |
| 90) | Benzo(a)pyrene | 24.876 | 252 | 63871 | 4.756 | ng | | 96 |
| 91) | Dibenzo(a,h)anthracene | 28.907 | 278 | 76189 | 4.916 | ng | | 99 |
| 92) | Benzo(g,h,i)perylene | 30.047 | 276 | 76810 | 4.905 | ng | # | 92 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
Data File : BG054969.D
Acq On : 19 Sep 2022 12:10
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 16:03:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 16:00:32 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022