Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053642.D
Acq On : 20 May 2022 13:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 01:29:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.069 | 152 | 25538 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.883 | 136 | 109218 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.696 | 164 | 86937 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.445 | 188 | 200008 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.727 | 240 | 181767 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.999 | 264 | 180873 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.637 | 112 | 120980 | 80.398 | ng | | 0.00 |
| 7) Phenol-d6 | 7.235 | 99 | 194125 | 85.004 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.232 | 82 | 208429 | 81.237 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.188 | 330 | 101606 | 79.242 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.321 | 172 | 477315 | 80.229 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.047 | 244 | 807432 | 82.733 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.505 | 88 | 28263 | 35.797 | ng | | 97 |
| 3) Pyridine | 3.910 | 79 | 75909 | 39.369 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.822 | 42 | 37619 | 40.052 | ng | | 95 |
| 6) Aniline | 7.394 | 93 | 107993 | 42.695 | ng | | 96 |
| 8) 2-Chlorophenol | 7.635 | 128 | 65806 | 41.832 | ng | | 100 |
| 9) Benzaldehyde | 7.206 | 77 | 56650m | 39.047 | ng | | |
| 10) Phenol | 7.264 | 94 | 94518 | 42.317 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.482 | 93 | 67262 | 40.378 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.958 | 146 | 73268 | 39.481 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.104 | 146 | 74227 | 39.636 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.428 | 146 | 73566 | 41.833 | ng | | 97 |
| 15) Benzyl Alcohol | 8.304 | 79 | 79597 | 41.690 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.598 | 45 | 115782 | 42.705 | ng | | 98 |
| 17) 2-Methylphenol | 8.516 | 107 | 63267 | 41.909 | ng | | 97 |
| 18) Hexachloroethane | 9.156 | 117 | 27797 | 39.087 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.874 | 70 | 71735 | 43.780 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.845 | 107 | 91811 | 43.062 | ng | | 97 |
| 22) Acetophenone | 8.892 | 105 | 121724 | 40.722 | ng | | 98 |
| 24) Nitrobenzene | 9.273 | 77 | 101586 | 40.908 | ng | | 95 |
| 25) Isophorone | 9.796 | 82 | 176686 | 40.919 | ng | | 99 |
| 26) 2-Nitrophenol | 9.990 | 139 | 42405 | 42.162 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 10.049 | 122 | 61652 | 40.731 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.272 | 93 | 103051 | 41.496 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.536 | 162 | 78455 | 42.947 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.742 | 180 | 84670 | 40.793 | ng | | 95 |
| 31) Naphthalene | 10.930 | 128 | 228596 | 41.147 | ng | | 99 |
| 32) Benzoic acid | 10.219 | 122 | 31015 | 35.471 | ng | # | 91 |
| 33) 4-Chloroaniline | 11.036 | 127 | 100456 | 43.176 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.212 | 225 | 61756 | 40.125 | ng | | 95 |
| 35) Caprolactam | 11.811 | 113 | 26591 | 40.055 | ng | # | 89 |
| 36) 4-Chloro-3-methylphenol | 12.164 | 107 | 92398 | 42.284 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.534 | 142 | 174466 | 42.080 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.751 | 142 | 167878 | 41.501 | ng | | 95 |
| 40) 1,2,4,5-Tetrachloroben... | 12.904 | 216 | 110545 | 40.339 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.880 | 237 | 34494 | 36.326 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.139 | 196 | 74032 | 41.387 | ng | | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053642.D
Acq On : 20 May 2022 13:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 01:29:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.221 | 196 | 81110 | 42.605 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.532 | 154 | 243554 | 41.100 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.579 | 162 | 188240 | 40.544 | ng | | 99 |
| 48) 2-Nitroaniline | 13.779 | 65 | 71608 | 41.392 | ng | | 97 |
| 49) Acenaphthylene | 14.419 | 152 | 297853 | 40.203 | ng | | 99 |
| 50) Dimethylphthalate | 14.149 | 163 | 257650 | 39.000 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.267 | 165 | 53490 | 39.742 | ng | | 97 |
| 52) Acenaphthene | 14.760 | 154 | 177128 | 40.117 | ng | | 96 |
| 53) 3-Nitroaniline | 14.602 | 138 | 58231 | 40.042 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.819 | 184 | 28319 | 36.804 | ng | | 93 |
| 55) Dibenzofuran | 15.095 | 168 | 316335 | 39.888 | ng | | 98 |
| 56) 4-Nitrophenol | 14.931 | 139 | 38993 | 37.540 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 15.060 | 165 | 76085 | 38.999 | ng | | 90 |
| 58) Fluorene | 15.747 | 166 | 255404 | 40.131 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.330 | 232 | 76861m | 39.791 | ng | | |
| 60) Diethylphthalate | 15.500 | 149 | 267985 | 39.270 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.729 | 204 | 140642 | 39.603 | ng | | 99 |
| 62) 4-Nitroaniline | 15.765 | 138 | 60407 | 40.048 | ng | | 95 |
| 63) Azobenzene | 16.023 | 77 | 275325 | 39.400 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.829 | 198 | 52234 | 43.828 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.947 | 169 | 224345 | 42.722 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.628 | 248 | 97786 | 41.863 | ng | | 96 |
| 68) Hexachlorobenzene | 16.757 | 284 | 105115 | 41.089 | ng | | 99 |
| 69) Atrazine | 16.893 | 200 | 84749 | 38.336 | ng | | 95 |
| 70) Pentachlorophenol | 17.104 | 266 | 47353 | 37.024 | ng | | 95 |
| 71) Phenanthrene | 17.486 | 178 | 421654 | 41.461 | ng | | 98 |
| 72) Anthracene | 17.580 | 178 | 410299 | 41.045 | ng | | 99 |
| 73) Carbazole | 17.850 | 167 | 396896 | 40.512 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.391 | 149 | 445901 | 40.469 | ng | | 99 |
| 75) Fluoranthene | 19.495 | 202 | 505578 | 38.394 | ng | | 99 |
| 77) Benzidine | 19.671 | 184 | 174419 | 44.520 | ng | | 97 |
| 78) Pyrene | 19.859 | 202 | 499904 | 42.485 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.729 | 149 | 187305 | 43.410 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.704 | 228 | 466890 | 40.272 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.610 | 252 | 124671 | 42.406 | ng | | 99 |
| 83) Chrysene | 21.774 | 228 | 437769 | 40.430 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.592 | 149 | 257443 | 43.228 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.814 | 149 | 432340 | 42.931 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.753 | 276 | 514768 | 40.863 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.954 | 252 | 436337 | 40.756 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.024 | 252 | 438061 | 41.639 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.841 | 252 | 375140 | 41.167 | ng | # | 99 |
| 91) Dibenzo(a,h)anthracene | 28.800 | 278 | 428228 | 41.254 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.928 | 276 | 421417 | 40.957 | ng | | 97 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053642.D
Acq On : 20 May 2022 13:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 01:29:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022