Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
Data File : BG056595.D
Acq On : 9 Feb 2023 12:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 10 00:22:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.265 | 152 | 31132 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.097 | 136 | 116984 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.887 | 164 | 95110 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.624 | 188 | 234159 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.914 | 240 | 213890 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 25.333 | 264 | 233697 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.785 | 112 | 130072 | 76.859 | ng | | 0.00 |
| 7) Phenol-d6 | 7.413 | 99 | 187877 | 74.926 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.440 | 82 | 164017 | 79.615 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.373 | 330 | 94512 | 74.747 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.512 | 172 | 554247 | 80.793 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.204 | 244 | 960992 | 78.912 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.576 | 88 | 26590 | 37.733 | ng | | 97 |
| 3) Pyridine | 3.999 | 79 | 77471 | 36.880 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.911 | 42 | 17003 | 38.062 | ng | # | 96 |
| 6) Aniline | 7.577 | 93 | 123573 | 37.640 | ng | | 96 |
| 8) 2-Chlorophenol | 7.824 | 128 | 70479 | 37.910 | ng | | 98 |
| 9) Benzaldehyde | 7.389 | 77 | 41192 | 34.452 | ng | | 90 |
| 10) Phenol | 7.442 | 94 | 95543 | 37.489 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.666 | 93 | 66798 | 38.132 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 8.147 | 146 | 82974 | 38.763 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.294 | 146 | 83319 | 38.436 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.623 | 146 | 80466 | 38.259 | ng | | 98 |
| 15) Benzyl Alcohol | 8.500 | 79 | 61770 | 35.904 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.782 | 45 | 14179 | 38.201 | ng | | 92 |
| 17) 2-Methylphenol | 8.706 | 107 | 73955 | 38.144 | ng | | 97 |
| 18) Hexachloroethane | 9.358 | 117 | 25689 | 39.181 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 9.070 | 70 | 54372 | 37.627 | ng | | 98 |
| 20) 3+4-Methylphenols | 9.040 | 107 | 102348 | 37.668 | ng | | 99 |
| 22) Acetophenone | 9.093 | 105 | 124287 | 39.986 | ng | # | 100 |
| 24) Nitrobenzene | 9.481 | 77 | 78454 | 39.481 | ng | | 96 |
| 25) Isophorone | 10.004 | 82 | 165261 | 38.884 | ng | | 100 |
| 26) 2-Nitrophenol | 10.204 | 139 | 48458 | 40.192 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.251 | 122 | 80963m | 40.125 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 10.474 | 93 | 92660 | 39.465 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.744 | 162 | 91097 | 40.109 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.950 | 180 | 101446 | 40.194 | ng | | 100 |
| 31) Naphthalene | 11.144 | 128 | 245711 | 39.795 | ng | | 98 |
| 32) Benzoic acid | 10.415 | 122 | 32870m | 29.117 | ng | | |
| 33) 4-Chloroaniline | 11.250 | 127 | 114883 | 39.860 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.420 | 225 | 74134 | 41.845 | ng | | 95 |
| 35) Caprolactam | 12.031 | 113 | 27853 | 36.362 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.360 | 107 | 87166 | 39.740 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.730 | 142 | 203070 | 39.893 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.948 | 142 | 187689 | 39.480 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 13.095 | 216 | 140286 | 40.374 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.065 | 237 | 60482 | 36.592 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.335 | 196 | 87265 | 38.972 | ng | | 94 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.418 | 196 | 100840 | 38.464 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.723 | 154 | 277552 | 40.234 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.770 | 162 | 216673 | 40.183 | ng | | 98 |
| 48) 2-Nitroaniline | 13.976 | 65 | 44532 | 39.950 | ng | | 96 |
| 49) Acenaphthylene | 14.616 | 152 | 347507 | 39.611 | ng | | 99 |
| 50) Dimethylphthalate | 14.328 | 163 | 299773 | 38.959 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.458 | 165 | 65704 | 39.155 | ng | | 98 |
| 52) Acenaphthene | 14.951 | 154 | 204870 | 39.380 | ng | | 96 |
| 53) 3-Nitroaniline | 14.793 | 138 | 62589 | 38.474 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 15.010 | 184 | 41875 | 39.806 | ng | | 96 |
| 55) Dibenzofuran | 15.280 | 168 | 369999 | 39.657 | ng | | 98 |
| 56) 4-Nitrophenol | 15.110 | 139 | 40789 | 36.694 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 15.245 | 165 | 92785 | 39.255 | ng | | 99 |
| 58) Fluorene | 15.926 | 166 | 292868 | 39.449 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.509 | 232 | 84277 | 36.155 | ng | # | 96 |
| 60) Diethylphthalate | 15.674 | 149 | 276131 | 38.217 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.909 | 204 | 178391 | 39.379 | ng | | 97 |
| 62) 4-Nitroaniline | 15.950 | 138 | 63332 | 38.906 | ng | | 98 |
| 63) Azobenzene | 16.203 | 77 | 194759 | 39.174 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 16.015 | 198 | 58659 | 35.632 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 16.120 | 169 | 264478 | 39.893 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.802 | 248 | 121139 | 40.411 | ng | | 98 |
| 68) Hexachlorobenzene | 16.931 | 284 | 119205 | 40.602 | ng | | 98 |
| 69) Atrazine | 17.055 | 200 | 101058 | 39.512 | ng | | 100 |
| 70) Pentachlorophenol | 17.284 | 266 | 62396 | 35.123 | ng | | 98 |
| 71) Phenanthrene | 17.672 | 178 | 486417 | 39.690 | ng | | 98 |
| 72) Anthracene | 17.760 | 178 | 497588 | 39.552 | ng | | 99 |
| 73) Carbazole | 18.030 | 167 | 419960 | 39.194 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.547 | 149 | 437301 | 38.870 | ng | | 100 |
| 75) Fluoranthene | 19.663 | 202 | 601248 | 38.871 | ng | | 99 |
| 77) Benzidine | 19.834 | 184 | 261856 | 45.240 | ng | | 97 |
| 78) Pyrene | 20.022 | 202 | 598728 | 39.358 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.874 | 149 | 182517 | 39.286 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.896 | 228 | 590402 | 39.483 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.796 | 252 | 216149 | 40.140 | ng | | 100 |
| 83) Chrysene | 21.966 | 228 | 554168 | 39.447 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.749 | 149 | 259803 | 39.004 | ng | | 99 |
| 85) Di-n-octyl phthalate | 23.012 | 149 | 437001 | 39.395 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 29.270 | 276 | 684250 | 39.998 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 24.246 | 252 | 574766 | 39.624 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.317 | 252 | 588528 | 40.186 | ng | | 99 |
| 90) Benzo(a)pyrene | 25.174 | 252 | 570576 | 39.932 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 29.334 | 278 | 576754 | 40.165 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.521 | 276 | 556226 | 40.145 | ng | | 99 |

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

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