Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
Data File : BG054251.D
Acq On : 12 Jul 2022 11:23
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 12 13:31:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 13:28:23 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo
07/13/2022
Supervised By :Jagrut Upadhyay
07/13/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.040 | 152 | 20168 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.849 | 136 | 79080 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.673 | 164 | 63931 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.417 | 188 | 176975 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.689 | 240 | 227802 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 24.926 | 264 | 234501 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.608 | 112 | 20436 | 19.373 | ng | | 0.00 |
| 7) Phenol-d6 | 7.206 | 99 | 26859 | 18.769 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.203 | 82 | 28278 | 20.095 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.160 | 330 | 23498 | 22.877 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.293 | 172 | 86697 | 19.720 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.020 | 244 | 225951 | 19.977 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.492 | 88 | 4910 | 10.648 | ng | # | 87 |
| 3) Pyridine | 3.898 | 79 | 10603m | 8.617 | ng | | |
| 4) n-Nitrosodimethylamine | 3.810 | 42 | 5121m | 9.461 | ng | | |
| 6) Aniline | 7.364 | 93 | 16484 | 9.716 | ng | | 92 |
| 8) 2-Chlorophenol | 7.611 | 128 | 11234 | 9.974 | ng | | 89 |
| 9) Benzaldehyde | 7.176 | 77 | 9037 | 10.700 | ng | # | 78 |
| 10) Phenol | 7.235 | 94 | 13984 | 9.643 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.452 | 93 | 9961 | 8.949 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 7.928 | 146 | 13579 | 9.621 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.075 | 146 | 14189 | 10.008 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.393 | 146 | 13970 | 10.265 | ng | | 93 |
| 15) Benzyl Alcohol | 8.275 | 79 | 10095 | 9.439 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.563 | 45 | 15321 | 9.207 | ng | | 95 |
| 17) 2-Methylphenol | 8.487 | 107 | 9985 | 9.911 | ng | | 97 |
| 18) Hexachloroethane | 9.127 | 117 | 4852 | 10.317 | ng | # | 76 |
| 19) n-Nitroso-di-n-propyla... | 8.845 | 70 | 9044 | 9.407 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.816 | 107 | 13822 | 9.783 | ng | | 95 |
| 22) Acetophenone | 8.863 | 105 | 18860 | 9.812 | ng | # | 95 |
| 24) Nitrobenzene | 9.245 | 77 | 13690 | 9.879 | ng | # | 87 |
| 25) Isophorone | 9.767 | 82 | 25694 | 9.776 | ng | # | 92 |
| 26) 2-Nitrophenol | 9.961 | 139 | 6427 | 10.501 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 10.020 | 122 | 9003 | 9.088 | ng | | 90 |
| 28) bis(2-Chloroethoxy)met... | 10.249 | 93 | 12747 | 9.003 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.502 | 162 | 12920 | 9.727 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 10.713 | 180 | 16878 | 10.262 | ng | | 96 |
| 31) Naphthalene | 10.896 | 128 | 39131 | 9.802 | ng | | 97 |
| 32) Benzoic acid | 10.190 | 122 | 1361m | 3.975 | ng | | |
| 33) 4-Chloroaniline | 11.007 | 127 | 15614 | 9.428 | ng | | 93 |
| 34) Hexachlorobutadiene | 11.189 | 225 | 13702 | 10.836 | ng | | 93 |
| 35) Caprolactam | 11.753 | 113 | 3758 | 10.277 | ng | # | 74 |
| 36) 4-Chloro-3-methylphenol | 12.135 | 107 | 13103 | 10.148 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.505 | 142 | 29047 | 9.834 | ng | | 93 |
| 38) 1-Methylnaphthalene | 12.723 | 142 | 28746m | 9.995 | ng | | |
| 40) 1,2,4,5-Tetrachloroben... | 12.870 | 216 | 24975 | 10.138 | ng | # | 94 |
| 41) Hexachlorocyclopentadiene | 12.852 | 237 | 1897 | 1.654 | ng | | 83 |
| 43) 2,4,6-Trichlorophenol | 13.111 | 196 | 13383 | 9.672 | ng | | 89 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.187 | 196 | 15138 | 9.798 | ng | # | 89 |
| 46) 1,1'-Biphenyl | 13.504 | 154 | 41648 | 9.352 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.551 | 162 | 35128 | 9.747 | ng | | 94 |
| 48) 2-Nitroaniline | 13.745 | 65 | 9343 | 9.746 | ng | | 86 |
| 49) Acenaphthylene | 14.391 | 152 | 52955 | 9.449 | ng | | 98 |
| 50) Dimethylphthalate | 14.115 | 163 | 49774 | 10.223 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.239 | 165 | 10104 | 10.271 | ng | | 88 |
| 52) Acenaphthene | 14.732 | 154 | 32324 | 9.049 | ng | | 98 |
| 53) 3-Nitroaniline | 14.568 | 138 | 9112 | 9.561 | ng | # | 90 |
| 54) 2,4-Dinitrophenol | 14.791 | 184 | 2806 | 6.273 | ng | # | 78 |
| 55) Dibenzofuran | 15.067 | 168 | 57176 | 9.934 | ng | | 94 |
| 56) 4-Nitrophenol | 14.897 | 139 | 5303 | 7.837 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 15.032 | 165 | 15124 | 10.886 | ng | # | 78 |
| 58) Fluorene | 15.713 | 166 | 48771 | 10.321 | ng | | 95 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.302 | 232 | 14891 | 9.855 | ng | # | 68 |
| 60) Diethylphthalate | 15.478 | 149 | 49780 | 10.557 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.708 | 204 | 29899 | 10.569 | ng | # | 90 |
| 62) 4-Nitroaniline | 15.731 | 138 | 10257 | 10.320 | ng | # | 79 |
| 63) Azobenzene | 15.995 | 77 | 37453 | 9.868 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 15.796 | 198 | 8950 | 10.137 | ng | | 87 |
| 66) n-Nitrosodiphenylamine | 15.919 | 169 | 43280 | 9.384 | ng | | 94 |
| 67) 4-Bromophenyl-phenylether | 16.601 | 248 | 22038 | 9.970 | ng | # | 90 |
| 68) Hexachlorobenzene | 16.730 | 284 | 25364 | 10.032 | ng | # | 91 |
| 69) Atrazine | 16.859 | 200 | 20553 | 10.757 | ng | | 98 |
| 70) Pentachlorophenol | 17.076 | 266 | 7612 | 6.481 | ng | | 95 |
| 71) Phenanthrene | 17.458 | 178 | 87507 | 9.624 | ng | | 97 |
| 72) Anthracene | 17.547 | 178 | 86137 | 9.701 | ng | | 96 |
| 73) Carbazole | 17.817 | 167 | 73195 | 9.604 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.369 | 149 | 88011 | 9.988 | ng | # | 98 |
| 75) Fluoranthene | 19.468 | 202 | 124059 | 10.394 | ng | | 97 |
| 77) Benzidine | 19.638 | 184 | 47453 | 10.059 | ng | | 98 |
| 78) Pyrene | 19.826 | 202 | 126854 | 9.220 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.708 | 149 | 40153 | 9.105 | ng | # | 88 |
| 81) Benzo(a)anthracene | 21.671 | 228 | 142250 | 9.644 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.577 | 252 | 43165 | 9.795 | ng | # | 99 |
| 83) Chrysene | 21.736 | 228 | 134772 | 9.586 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.571 | 149 | 57610 | 9.134 | ng | # | 95 |
| 85) Di-n-octyl phthalate | 22.782 | 149 | 97988 | 9.039 | ng | | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 28.634 | 276 | 169278 | 9.566 | ng | # | 97 |
| 88) Benzo(b)fluoranthene | 23.892 | 252 | 133602 | 9.370 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.968 | 252 | 138716 | 9.826 | ng | # | 96 |
| 90) Benzo(a)pyrene | 24.773 | 252 | 115097 | 9.567 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.692 | 278 | 140606 | 9.608 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 29.791 | 276 | 136990 | 9.486 | ng | # | 96 |

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

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