Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054684.D
Acq On : 22 Aug 2022 15:57
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Aug 23 00:18:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 00:12:54 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.158 | 152 | 46909 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.984 | 136 | 191977 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.791 | 164 | 119466 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.535 | 188 | 256924 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.824 | 240 | 236175 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.197 | 264 | 239820 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.690 | 112 | 48477 | 18.712 | ng | | 0.00 |
| 7) Phenol-d6 | 7.294 | 99 | 71312 | 19.683 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.327 | 82 | 64125 | 19.284 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.272 | 330 | 15176 | 12.166 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.417 | 172 | 173619 | 22.764 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.132 | 244 | 259145 | 23.452 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.552 | 88 | 13856 | 10.954 | ng | | 97 |
| 3) Pyridine | 3.957 | 79 | 37354 | 10.992 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.869 | 42 | 16161 | 10.683 | ng | # | 94 |
| 6) Aniline | 7.471 | 93 | 45046 | 10.374 | ng | | 98 |
| 8) 2-Chlorophenol | 7.717 | 128 | 25988 | 9.247 | ng | | 98 |
| 9) Benzaldehyde | 7.289 | 77 | 28365 | 12.993 | ng | | 99 |
| 10) Phenol | 7.324 | 94 | 37331 | 10.143 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.571 | 93 | 33124 | 11.162 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 8.046 | 146 | 36440 | 11.054 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.193 | 146 | 36324 | 10.918 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.516 | 146 | 34768 | 11.024 | ng | | 98 |
| 15) Benzyl Alcohol | 8.393 | 79 | 23249 | 9.024 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.681 | 45 | 50611 | 10.938 | ng | | 98 |
| 17) 2-Methylphenol | 8.587 | 107 | 24789 | 9.839 | ng | | 98 |
| 18) Hexachloroethane | 9.251 | 117 | 11331 | 9.726 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.957 | 70 | 25687 | 10.796 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.916 | 107 | 31934 | 9.177 | ng | | 97 |
| 22) Acetophenone | 8.987 | 105 | 49939 | 10.780 | ng | # | 100 |
| 24) Nitrobenzene | 9.368 | 77 | 33399 | 9.889 | ng | | 97 |
| 25) Isophorone | 9.891 | 82 | 62482 | 9.784 | ng | | 99 |
| 26) 2-Nitrophenol | 10.079 | 139 | 7109 | 5.989 | ng | # | 93 |
| 27) 2,4-Dimethylphenol | 10.132 | 122 | 21274 | 8.381 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.373 | 93 | 38325 | 10.448 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.620 | 162 | 22058 | 8.122 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.837 | 180 | 34322 | 10.564 | ng | | 98 |
| 31) Naphthalene | 11.037 | 128 | 108494 | 10.994 | ng | | 99 |
| 32) Benzoic acid | 10.203 | 122 | 7706 | 4.550 | ng | | 87 |
| 33) 4-Chloroaniline | 11.137 | 127 | 41319 | 10.283 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.313 | 225 | 21716 | 10.404 | ng | | 96 |
| 35) Caprolactam | 11.877 | 113 | 6233 | 7.053 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.236 | 107 | 23846 | 8.249 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.629 | 142 | 74396 | 10.873 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.847 | 142 | 71983 | 10.812 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 12.988 | 216 | 38197 | 10.960 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.970 | 237 | 13247 | 7.184 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.223 | 196 | 15979 | 7.309 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.287 | 196 | 18672 | 7.631 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.622 | 154 | 94203 | 11.119 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.669 | 162 | 73068 | 11.347 | ng | | 99 |
| 48) 2-Nitroaniline | 13.863 | 65 | 11797 | 6.616 | ng | | 94 |
| 49) Acenaphthylene | 14.509 | 152 | 116653 | 11.022 | ng | | 99 |
| 50) Dimethylphthalate | 14.233 | 163 | 77117 | 9.151 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.351 | 165 | 12277 | 7.690 | ng | | 95 |
| 52) Acenaphthene | 14.850 | 154 | 70106 | 10.517 | ng | | 97 |
| 53) 3-Nitroaniline | 14.686 | 138 | 14314 | 7.826 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.886 | 184 | 3718 | 5.836 | ng | | 100 |
| 55) Dibenzofuran | 15.185 | 168 | 110058 | 11.067 | ng | | 99 |
| 56) 4-Nitrophenol | 14.968 | 139 | 8581 | 6.103 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 15.132 | 165 | 14672 | 6.848 | ng | # | 96 |
| 58) Fluorene | 15.831 | 166 | 90638 | 10.900 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.403 | 232 | 14610 | 6.752 | ng | # | 99 |
| 60) Diethylphthalate | 15.591 | 149 | 74144 | 8.921 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.820 | 204 | 44191 | 10.744 | ng | | 98 |
| 62) 4-Nitroaniline | 15.837 | 138 | 16438 | 8.624 | ng | | 95 |
| 63) Azobenzene | 16.113 | 77 | 92788 | 11.595 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.896 | 198 | 5785 | 6.272 | ng | | 86 |
| 66) n-Nitrosodiphenylamine | 16.031 | 169 | 75197 | 10.705 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.719 | 248 | 25253 | 9.700 | ng | | 99 |
| 68) Hexachlorobenzene | 16.830 | 284 | 32319 | 10.668 | ng | | 98 |
| 69) Atrazine | 16.971 | 200 | 20009 | 8.970 | ng | | 95 |
| 70) Pentachlorophenol | 17.171 | 266 | 9684 | 5.863 | ng | | 93 |
| 71) Phenanthrene | 17.576 | 178 | 146381 | 11.204 | ng | | 99 |
| 72) Anthracene | 17.665 | 178 | 139680 | 10.972 | ng | | 99 |
| 73) Carbazole | 17.929 | 167 | 121293 | 10.478 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.481 | 149 | 114900 | 8.406 | ng | | 98 |
| 75) Fluoranthene | 19.580 | 202 | 170313 | 10.797 | ng | | 97 |
| 77) Benzidine | 19.756 | 184 | 47900 | 10.817 | ng | | 99 |
| 78) Pyrene | 19.938 | 202 | 176162 | 11.357 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.820 | 149 | 33617 | 6.036 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.807 | 228 | 166817 | 10.920 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.713 | 252 | 44339 | 10.123 | ng | | 99 |
| 83) Chrysene | 21.871 | 228 | 160696 | 11.120 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.701 | 149 | 57153 | 6.983 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.970 | 149 | 87955 | 6.493 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 29.057 | 276 | 174283 | 9.940 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 24.116 | 252 | 151018 | 10.457 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 24.186 | 252 | 160100 | 11.021 | ng | | 98 |
| 90) Benzo(a)pyrene | 25.027 | 252 | 128009 | 10.436 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 29.139 | 278 | 147111 | 10.197 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.267 | 276 | 141766 | 9.908 | ng | | 98 |

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

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