Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055559.D
Acq On : 11 Nov 2022 9:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 11 16:29:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.268 | 152 | 53098 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.100 | 136 | 224929 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.889 | 164 | 170746 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.633 | 188 | 419767 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.934 | 240 | 396288 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.354 | 264 | 437415 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.794 | 112 | 233829 | 83.879 | ng | | 0.00 |
| 7) Phenol-d6 | 7.404 | 99 | 322712 | 83.805 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.443 | 82 | 339514 | 102.327 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.370 | 330 | 193064 | 115.886 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.520 | 172 | 872100 | 77.043 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.218 | 244 | 1519209 | 77.000 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.638 | 88 | 50862 | 35.921 | ng | | 96 |
| 3) Pyridine | 4.049 | 79 | 162681 | 41.321 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.961 | 42 | 84550 | 39.456 | ng | | 95 |
| 6) Aniline | 7.586 | 93 | 203502 | 39.787 | ng | | 97 |
| 8) 2-Chlorophenol | 7.827 | 128 | 133830 | 42.882 | ng | | 99 |
| 9) Benzaldehyde | 7.398 | 77 | 113594 | 37.389 | ng | | 98 |
| 10) Phenol | 7.428 | 94 | 182570 | 41.185 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.674 | 93 | 138560 | 38.823 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 8.162 | 146 | 154506 | 39.632 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.309 | 146 | 156414 | 39.644 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.632 | 146 | 147759 | 39.435 | ng | | 98 |
| 15) Benzyl Alcohol | 8.503 | 79 | 142480 | 42.430 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.791 | 45 | 258450 | 37.686 | ng | | 99 |
| 17) 2-Methylphenol | 8.697 | 107 | 130781 | 41.923 | ng | | 98 |
| 18) Hexachloroethane | 9.372 | 117 | 54577 | 41.667 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 9.079 | 70 | 127357 | 40.019 | ng | | 98 |
| 20) 3+4-Methylphenols | 9.026 | 107 | 184073 | 42.356 | ng | | 97 |
| 22) Acetophenone | 9.096 | 105 | 233558 | 39.034 | ng | # | 99 |
| 24) Nitrobenzene | 9.484 | 77 | 177349 | 46.461 | ng | | 99 |
| 25) Isophorone | 10.007 | 82 | 335866 | 39.622 | ng | | 99 |
| 26) 2-Nitrophenol | 10.201 | 139 | 73956 | 58.171 | ng | # | 91 |
| 27) 2,4-Dimethylphenol | 10.242 | 122 | 130645 | 43.107 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.489 | 93 | 179149 | 39.198 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.730 | 162 | 151668 | 45.537 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.959 | 180 | 171934 | 41.211 | ng | | 97 |
| 31) Naphthalene | 11.153 | 128 | 485801 | 39.948 | ng | | 99 |
| 32) Benzoic acid | 10.365 | 122 | 109177 | 55.476 | ng | | 95 |
| 33) 4-Chloroaniline | 11.247 | 127 | 207623 | 40.845 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.435 | 225 | 115545 | 41.526 | ng | | 98 |
| 35) Caprolactam | 12.022 | 113 | 55884 | 49.219 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.345 | 107 | 174545 | 44.459 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.739 | 142 | 369589 | 40.450 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.956 | 142 | 358547 | 40.118 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 13.097 | 216 | 205366 | 40.265 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.080 | 237 | 107371 | 49.174 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.327 | 196 | 146082 | 48.711 | ng | | 99 |

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**Instrument :**
BNA_G
**ClientSampleId :**
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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.397 | 196 | 161104 | 46.925 | ng | | 100 |
| 46) 1,1'-Biphenyl | 13.732 | 154 | 481549 | 38.550 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.779 | 162 | 374186 | 38.783 | ng | | 99 |
| 48) 2-Nitroaniline | 13.967 | 65 | 126097 | 50.522 | ng | | 97 |
| 49) Acenaphthylene | 14.619 | 152 | 629593 | 39.437 | ng | | 99 |
| 50) Dimethylphthalate | 14.337 | 163 | 547246 | 42.179 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.455 | 165 | 108209 | 47.482 | ng | | 96 |
| 52) Acenaphthene | 14.954 | 154 | 408842 | 41.022 | ng | | 99 |
| 53) 3-Nitroaniline | 14.784 | 138 | 124670 | 45.604 | ng | # | 95 |
| 54) 2,4-Dinitrophenol | 14.983 | 184 | 53157 | 65.894 | ng | # | 85 |
| 55) Dibenzofuran | 15.289 | 168 | 630732 | 39.585 | ng | | 99 |
| 56) 4-Nitrophenol | 15.066 | 139 | 98632 | 51.339 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 15.236 | 165 | 152137 | 50.311 | ng | | 97 |
| 58) Fluorene | 15.935 | 166 | 506749 | 39.976 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.506 | 232 | 159448 | 50.107 | ng | | 97 |
| 60) Diethylphthalate | 15.694 | 149 | 553470 | 41.933 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.918 | 204 | 277693 | 41.185 | ng | | 99 |
| 62) 4-Nitroaniline | 15.947 | 138 | 129874 | 50.489 | ng | | 99 |
| 63) Azobenzene | 16.211 | 77 | 493044 | 38.538 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.994 | 198 | 78472 | 55.163 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 16.129 | 169 | 455607 | 38.744 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.817 | 248 | 187449 | 43.773 | ng | | 95 |
| 68) Hexachlorobenzene | 16.934 | 284 | 205052 | 40.277 | ng | | 97 |
| 69) Atrazine | 17.069 | 200 | 180007 | 42.298 | ng | | 97 |
| 70) Pentachlorophenol | 17.269 | 266 | 138368 | 49.609 | ng | | 98 |
| 71) Phenanthrene | 17.674 | 178 | 877647 | 38.903 | ng | | 99 |
| 72) Anthracene | 17.763 | 178 | 855155 | 38.680 | ng | | 100 |
| 73) Carbazole | 18.027 | 167 | 771956 | 38.635 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.573 | 149 | 937292 | 40.914 | ng | | 99 |
| 75) Fluoranthene | 19.666 | 202 | 1039222 | 38.629 | ng | | 99 |
| 77) Benzidine | 19.837 | 184 | 408899 | 38.139 | ng | | 99 |
| 78) Pyrene | 20.030 | 202 | 1053086 | 39.264 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.900 | 149 | 413487 | 41.005 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.911 | 228 | 1070768 | 39.447 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.817 | 252 | 377018 | 42.558 | ng | | 99 |
| 83) Chrysene | 21.981 | 228 | 1020801 | 39.549 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.799 | 149 | 587028 | 43.368 | ng | | 99 |
| 85) Di-n-octyl phthalate | 23.086 | 149 | 1009931 | 43.175 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 29.296 | 276 | 1311809 | 39.376 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 24.261 | 252 | 1083838 | 39.107 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.337 | 252 | 1093253 | 38.584 | ng | | 99 |
| 90) Benzo(a)pyrene | 25.195 | 252 | 932459 | 39.058 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 29.367 | 278 | 1077047 | 39.055 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 30.530 | 276 | 1069209 | 39.662 | ng | | 98 |

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

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