Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020222\
Data File : BF126782.D
Acq On : 02 Feb 2022 13:02
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

Quant Time: Feb 02 14:34:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 14:30:32 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.951 | 152 | 133529 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.234 | 136 | 507159 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.992 | 164 | 284658 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 485202 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.133 | 240 | 329458 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.645 | 264 | 232584 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.563 | 112 | 907912 | 89.473 | ng | | 0.00 |
| 7) Phenol-d6 | 6.575 | 99 | 1287727 | 91.338 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 1303310 | 100.586 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.786 | 330 | 287849 | 108.053 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.310 | 172 | 1623841 | 87.365 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.074 | 244 | 1870098 | 95.206 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.793 | 88 | 236776 | 47.344 | ng | # | 87 |
| 3) Pyridine | 3.557 | 79 | 660071 | 47.116 | ng | # | 83 |
| 4) n-Nitrosodimethylamine | 3.534 | 42 | 207056 | 41.771 | ng | # | 69 |
| 6) Aniline | 6.616 | 93 | 856796 | 48.497 | ng | | 99 |
| 8) 2-Chlorophenol | 6.740 | 128 | 420380 | 45.167 | ng | | 99 |
| 9) Benzaldehyde | 6.504 | 77 | 372051 | 33.900 | ng | | 87 |
| 10) Phenol | 6.587 | 94 | 688631 | 45.924 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.687 | 93 | 558170 | 45.871 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.893 | 146 | 477655 | 46.229 | ng | # | 95 |
| 13) 1,4-Dichlorobenzene | 6.969 | 146 | 478831 | 45.892 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 7.122 | 146 | 446037 | 45.345 | ng | | 95 |
| 15) Benzyl Alcohol | 7.093 | 79 | 531882 | 42.316 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.222 | 45 | 607046 | 43.727 | ng | | 81 |
| 17) 2-Methylphenol | 7.192 | 107 | 427654 | 46.736 | ng | # | 93 |
| 18) Hexachloroethane | 7.463 | 117 | 189443 | 44.967 | ng | # | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 426143 | 41.414 | ng | # | 83 |
| 20) 3+4-Methylphenols | 7.351 | 107 | 525575 | 44.297 | ng | # | 84 |
| 22) Acetophenone | 7.363 | 105 | 677627 | 43.356 | ng | # | 88 |
| 24) Nitrobenzene | 7.540 | 77 | 646703 | 48.347 | ng | # | 88 |
| 25) Isophorone | 7.775 | 82 | 1133297 | 45.100 | ng | | 95 |
| 26) 2-Nitrophenol | 7.851 | 139 | 225869 | 64.732 | ng | # | 79 |
| 27) 2,4-Dimethylphenol | 7.881 | 122 | 379722 | 45.857 | ng | | 84 |
| 28) bis(2-Chloroethoxy)met... | 7.981 | 93 | 709402 | 45.265 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 8.087 | 162 | 373307 | 47.526 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.175 | 180 | 395073 | 46.902 | ng | | 99 |
| 31) Naphthalene | 8.257 | 128 | 1249342 | 45.600 | ng | | 100 |
| 32) Benzoic acid | 8.004 | 122 | 321690 | 68.485 | ng | # | 68 |
| 33) 4-Chloroaniline | 8.304 | 127 | 515797 | 47.121 | ng | # | 91 |
| 34) Hexachlorobutadiene | 8.369 | 225 | 246162 | 45.942 | ng | | 98 |
| 35) Caprolactam | 8.687 | 113 | 143371 | 51.113 | ng | # | 76 |
| 36) 4-Chloro-3-methylphenol | 8.781 | 107 | 472065 | 45.958 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.951 | 142 | 777336 | 45.621 | ng | | 97 |
| 38) 1-Methylnaphthalene | 9.045 | 142 | 749532 | 45.385 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.110 | 216 | 382586 | 47.918 | ng | | 96 |
| 41) Hexachlorocyclopentadiene | 9.098 | 237 | 235527 | 48.451 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.222 | 196 | 276120 | 48.512 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.263 | 196 | 284118 | 48.198 | ng | # | 93 |
| 46) 1,1'-Biphenyl | 9.416 | 154 | 968541 | 45.163 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.439 | 162 | 774585 | 45.973 | ng | | 99 |
| 48) 2-Nitroaniline | 9.534 | 65 | 337948 | 58.092 | ng | | 92 |
| 49) Acenaphthylene | 9.857 | 152 | 1208302 | 45.717 | ng | | 99 |
| 50) Dimethylphthalate | 9.716 | 163 | 924575 | 45.795 | ng | # | 99 |
| 51) 2,6-Dinitrotoluene | 9.775 | 165 | 196512 | 56.328 | ng | # | 76 |
| 52) Acenaphthene | 10.033 | 154 | 770600 | 47.691 | ng | | 98 |
| 53) 3-Nitroaniline | 9.951 | 138 | 227133 | 56.943 | ng | # | 80 |
| 54) 2,4-Dinitrophenol | 10.051 | 184 | 116069 | 91.314 | ng | | 88 |
| 55) Dibenzofuran | 10.204 | 168 | 1109571 | 45.695 | ng | | 99 |
| 56) 4-Nitrophenol | 10.098 | 139 | 175388 | 55.219 | ng | # | 74 |
| 57) 2,4-Dinitrotoluene | 10.181 | 165 | 266881 | 63.129 | ng | | 94 |
| 58) Fluorene | 10.545 | 166 | 823772 | 44.933 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 247371 | 51.328 | ng | # | 83 |
| 60) Diethylphthalate | 10.416 | 149 | 894567 | 44.574 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204 | 417514 | 45.599 | ng | | 93 |
| 62) 4-Nitroaniline | 10.569 | 138 | 218686 | 56.491 | ng | # | 73 |
| 63) Azobenzene | 10.698 | 77 | 1263692 | 42.548 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 159390 | 77.478 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.657 | 169 | 726587 | 44.363 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 264119 | 47.232 | ng | | 96 |
| 68) Hexachlorobenzene | 11.092 | 284 | 288161 | 48.299 | ng | # | 87 |
| 69) Atrazine | 11.180 | 200 | 241269 | 46.125 | ng | | 95 |
| 70) Pentachlorophenol | 11.280 | 266 | 182004 | 52.461 | ng | | 98 |
| 71) Phenanthrene | 11.516 | 178 | 1238032 | 44.662 | ng | | 100 |
| 72) Anthracene | 11.563 | 178 | 1261845 | 45.370 | ng | | 100 |
| 73) Carbazole | 11.716 | 167 | 1180708 | 45.217 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.039 | 149 | 1379021 | 43.796 | ng | # | 97 |
| 75) Fluoranthene | 12.704 | 202 | 1261901 | 46.088 | ng | | 98 |
| 77) Benzidine | 12.822 | 184 | 328681 | 28.919 | ng | | 99 |
| 78) Pyrene | 12.933 | 202 | 1281141 | 48.086 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 552110 | 47.699 | ng | # | 91 |
| 81) Benzo(a)anthracene | 14.121 | 228 | 1050237 | 46.900 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.086 | 252 | 300967 | 40.913 | ng | # | 96 |
| 83) Chrysene | 14.163 | 228 | 991140 | 45.999 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 699429 | 44.618 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.721 | 149 | 978590 | 40.774 | ng | | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 17.204 | 276 | 733149 | 51.018 | ng | # | 88 |
| 88) Benzo(b)fluoranthene | 15.198 | 252 | 725399 | 47.031 | ng | # | 93 |
| 89) Benzo(k)fluoranthene | 15.233 | 252 | 755542 | 49.891 | ng | # | 94 |
| 90) Benzo(a)pyrene | 15.586 | 252 | 599865 | 47.801 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 17.221 | 278 | 601263 | 50.506 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 17.680 | 276 | 608222 | 52.104 | ng | # | 88 |

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

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