Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125531.D
Acq On : 21 Sep 2021 11:43
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICCC040

Quant Time: Sep 21 13:29:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:26:09 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.898 | 152 | 230822 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.180 | 136 | 912858 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.939 | 164 | 467669 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.421 | 188 | 754868 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 14.062 | 240 | 422384 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 376383 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 1076330 | 74.091 | ng | | 0.00 |
| 7) Phenol-d6 | 6.522 | 99 | 1384477 | 71.706 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 1109054 | 59.986 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.727 | 330 | 348545 | 61.192 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.263 | 172 | 2129940 | 66.830 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.010 | 244 | 1967439 | 75.530 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.693 | 88 | 220513 | 30.740 | ng | # | 100 |
| 3) Pyridine | 3.451 | 79 | 595753 | 32.029 | ng | # | 75 |
| 4) n-Nitrosodimethylamine | 3.404 | 42 | 233055 | 25.173 | ng | # | 14 |
| 6) Aniline | 6.563 | 93 | 814031 | 36.715 | ng | | 94 |
| 8) 2-Chlorophenol | 6.686 | 128 | 626119 | 41.103 | ng | | 98 |
| 9) Benzaldehyde | 6.451 | 77 | 370660 | 31.645 | ng | | 93 |
| 10) Phenol | 6.534 | 94 | 707245 | 32.326 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.634 | 93 | 565971 | 35.899 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.839 | 146 | 672002 | 38.219 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.916 | 146 | 675602 | 38.111 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.075 | 146 | 628311 | 36.976 | ng | | 99 |
| 15) Benzyl Alcohol | 7.033 | 79 | 503784 | 36.429 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175 | 45 | 784221 | 27.081 | ng | | 91 |
| 17) 2-Methylphenol | 7.139 | 107 | 496204 | 38.537 | ng | | 97 |
| 18) Hexachloroethane | 7.416 | 117 | 241855 | 38.757 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.316 | 70 | 407902 | 35.152 | ng | # | 71 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 612596 | 39.657 | ng | | 90 |
| 22) Acetophenone | 7.310 | 105 | 778784 | 34.618 | ng | # | 90 |
| 24) Nitrobenzene | 7.481 | 77 | 585994 | 29.974 | ng | | 94 |
| 25) Isophorone | 7.722 | 82 | 1136903 | 32.230 | ng | | 92 |
| 26) 2-Nitrophenol | 7.798 | 139 | 277068 | 31.458 | ng | # | 93 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 505699 | 39.729 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 659160 | 34.510 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 8.033 | 162 | 521631 | 35.835 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.122 | 180 | 546078 | 35.149 | ng | | 97 |
| 31) Naphthalene | 8.204 | 128 | 1732051 | 38.094 | ng | | 99 |
| 32) Benzoic acid | 7.939 | 122 | 319680 | 37.008 | ng | | 98 |
| 33) 4-Chloroaniline | 8.245 | 127 | 717170 | 38.336 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.322 | 225 | 307200 | 30.358 | ng | | 99 |
| 35) Caprolactam | 8.622 | 113 | 142839 | 32.394 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 507341 | 32.837 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.898 | 142 | 1164320 | 36.885 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 1097807 | 37.320 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.063 | 216 | 473005 | 31.642 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.051 | 237 | 273455 | 57.240 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 360510 | 35.139 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 390681 | 35.339 | ng | | 91 |
| 46) 1,1'-Biphenyl | 9.363 | 154 | 1322248 | 37.706 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.386 | 162 | 1105484 | 38.178 | ng | | 97 |
| 48) 2-Nitroaniline | 9.475 | 65 | 255406 | 25.188 | ng | | 96 |
| 49) Acenaphthylene | 9.804 | 152 | 1621730 | 37.864 | ng | | 98 |
| 50) Dimethylphthalate | 9.663 | 163 | 1193678 | 35.797 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 260912 | 34.821 | ng | | 96 |
| 52) Acenaphthene | 9.974 | 154 | 1018410 | 39.237 | ng | | 96 |
| 53) 3-Nitroaniline | 9.886 | 138 | 273149 | 33.229 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 89739 | 22.771 | ng | # | 86 |
| 55) Dibenzofuran | 10.145 | 168 | 1493037 | 38.506 | ng | | 97 |
| 56) 4-Nitrophenol | 10.027 | 139 | 223836 | 39.957 | ng | | 85 |
| 57) 2,4-Dinitrotoluene | 10.122 | 165 | 321761 | 33.369 | ng | # | 78 |
| 58) Fluorene | 10.486 | 166 | 1085891 | 35.268 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232 | 287542 | 32.555 | ng | # | 90 |
| 60) Diethylphthalate | 10.357 | 149 | 1196469 | 37.267 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204 | 498490 | 32.185 | ng | | 90 |
| 62) 4-Nitroaniline | 10.498 | 138 | 243692 | 29.213 | ng | # | 79 |
| 63) Azobenzene | 10.639 | 77 | 1161482 | 33.942 | ng | | 86 |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198 | 148030 | 29.881 | ng | # | 76 |
| 66) n-Nitrosodiphenylamine | 10.598 | 169 | 1031125 | 40.384 | ng | | 95 |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248 | 319803 | 34.921 | ng | | 97 |
| 68) Hexachlorobenzene | 11.033 | 284 | 367237 | 37.437 | ng | | 90 |
| 69) Atrazine | 11.121 | 200 | 287116 | 37.589 | ng | | 94 |
| 70) Pentachlorophenol | 11.221 | 266 | 219886 | 49.486 | ng | | 96 |
| 71) Phenanthrene | 11.451 | 178 | 1562311 | 38.680 | ng | | 96 |
| 72) Anthracene | 11.498 | 178 | 1572717 | 38.814 | ng | | 97 |
| 73) Carbazole | 11.651 | 167 | 1484934 | 39.305 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.986 | 149 | 1767641 | 40.953 | ng | | 99 |
| 75) Fluoranthene | 12.633 | 202 | 1544811 | 35.059 | ng | | 96 |
| 77) Benzidine | 12.751 | 184 | 493392 | 38.059 | ng | | 98 |
| 78) Pyrene | 12.863 | 202 | 1542417 | 44.210 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.480 | 149 | 626251 | 44.938 | ng | | 94 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 1073414 | 35.237 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.009 | 252 | 336322 | 36.277 | ng | | 98 |
| 83) Chrysene | 14.086 | 228 | 1096557 | 37.192 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149 | 759350 | 41.149 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 1281934 | 43.145 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 1089294 | 44.620 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 1041824 | 36.496 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 934986 | 35.593 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 906480 | 37.433 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 17.050 | 278 | 921755 | 44.278 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 908649 | 44.385 | ng | | 93 |

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

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