Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125549.D
Acq On : 22 Sep 2021 9:34
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Sep 22 10:48:15 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 19:21:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.898 | 152 | 252605 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.181 | 136 | 995283 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 9.939 | 164 | 525512 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.422 | 188 | 848428 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 473798 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.539 | 264 | 435701 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 1161750 | 72.728 | ng | 0.00 |
| 7) Phenol-d6 | 6.522 | 99 | 1494546 | 72.566 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 1253887 | 80.354 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.728 | 330 | 404070 | 78.503 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.263 | 172 | 2352952 | 80.454 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.010 | 244 | 2154290 | 73.423 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.693 | 88 | 235403 | 36.551 | ng | # 100 |
| 3) Pyridine | 3.452 | 79 | 632857 | 36.671 | ng | # 72 |
| 4) n-Nitrosodimethylamine | 3.404 | 42 | 239035 | 35.118 | ng | # 1 |
| 6) Aniline | 6.563 | 93 | 869629 | 36.676 | ng | 94 |
| 8) 2-Chlorophenol | 6.687 | 128 | 673949 | 36.947 | ng | 97 |
| 9) Benzaldehyde | 6.451 | 77 | 401326 | 40.091 | ng | 92 |
| 10) Phenol | 6.534 | 94 | 760865 | 36.295 | ng | 90 |
| 11) bis(2-Chloroethyl)ether | 6.634 | 93 | 610820 | 36.446 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.840 | 146 | 722137 | 36.834 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.916 | 146 | 727291 | 36.701 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 7.075 | 146 | 679878 | 36.734 | ng | 98 |
| 15) Benzyl Alcohol | 7.034 | 79 | 538610 | 36.544 | ng | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175 | 45 | 817417 | 35.447 | ng | 89 |
| 17) 2-Methylphenol | 7.145 | 107 | 534755 | 36.727 | ng | 95 |
| 18) Hexachloroethane | 7.416 | 117 | 259335 | 36.754 | ng | 90 |
| 19) n-Nitroso-di-n-propyla... | 7.316 | 70 | 442847 | 35.926 | ng | # 69 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 654535 | 36.154 | ng | 92 |
| 22) Acetophenone | 7.310 | 105 | 850356 | 36.927 | ng | # 89 |
| 24) Nitrobenzene | 7.481 | 77 | 655900 | 39.666 | ng | 96 |
| 25) Isophorone | 7.722 | 82 | 1238331 | 36.876 | ng | 93 |
| 26) 2-Nitrophenol | 7.792 | 139 | 336709 | 45.221 | ng | 88 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 565129 | 37.870 | ng | 94 |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 714223 | 37.019 | ng | 97 |
| 29) 2,4-Dichlorophenol | 8.034 | 162 | 578860 | 38.372 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.122 | 180 | 594971 | 37.422 | ng | 97 |
| 31) Naphthalene | 8.204 | 128 | 1888943 | 36.955 | ng | 99 |
| 32) Benzoic acid | 7.945 | 122 | 418228 | 46.158 | ng | 98 |
| 33) 4-Chloroaniline | 8.245 | 127 | 781313 | 37.292 | ng | 99 |
| 34) Hexachlorobutadiene | 8.322 | 225 | 337722 | 37.671 | ng | 98 |
| 35) Caprolactam | 8.622 | 113 | 159308 | 38.506 | ng | # 85 |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 563628 | 38.034 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.892 | 142 | 1292777 | 37.340 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 1223239 | 37.656 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.063 | 216 | 527077 | 37.250 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.051 | 237 | 291594 | 36.850 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 406344 | 38.115 | ng | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 433970 | 38.789 | ng | | 94 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 1464513 | 36.987 | ng | | 95 |
| 47) 2-Chloronaphthalene | 9.386 | 162 | 1228422 | 37.353 | ng | | 96 |
| 48) 2-Nitroaniline | 9.475 | 65 | 308318 | 43.936 | ng | | 94 |
| 49) Acenaphthylene | 9.798 | 152 | 1813820 | 37.528 | ng | | 97 |
| 50) Dimethylphthalate | 9.663 | 163 | 1353746 | 37.430 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 309428 | 43.003 | ng | | 96 |
| 52) Acenaphthene | 9.975 | 154 | 1134681 | 37.191 | ng | | 95 |
| 53) 3-Nitroaniline | 9.886 | 138 | 322497 | 42.200 | ng | | 90 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 121849 | 47.004 | ng | # | 79 |
| 55) Dibenzofuran | 10.145 | 168 | 1669117 | 36.866 | ng | | 97 |
| 56) 4-Nitrophenol | 10.033 | 139 | 262790 | 42.390 | ng | # | 86 |
| 57) 2,4-Dinitrotoluene | 10.122 | 165 | 389453 | 45.163 | ng | # | 76 |
| 58) Fluorene | 10.486 | 166 | 1220605 | 35.053 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232 | 330103 | 39.283 | ng | # | 90 |
| 60) Diethylphthalate | 10.357 | 149 | 1357086 | 38.072 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204 | 571262 | 36.888 | ng | | 93 |
| 62) 4-Nitroaniline | 10.498 | 138 | 291941 | 42.273 | ng | # | 77 |
| 63) Azobenzene | 10.639 | 77 | 1262205 | 36.444 | ng | | 86 |
| 65) 4,6-Dinitro-2-methylph... | 10.528 | 198 | 187533 | 45.534 | ng | # | 73 |
| 66) n-Nitrosodiphenylamine | 10.598 | 169 | 1148887 | 37.298 | ng | | 95 |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248 | 363767 | 37.518 | ng | | 97 |
| 68) Hexachlorobenzene | 11.033 | 284 | 407876 | 37.328 | ng | # | 89 |
| 69) Atrazine | 11.122 | 200 | 327404 | 39.525 | ng | | 93 |
| 70) Pentachlorophenol | 11.222 | 266 | 250852 | 40.266 | ng | | 95 |
| 71) Phenanthrene | 11.451 | 178 | 1767250 | 37.082 | ng | | 97 |
| 72) Anthracene | 11.498 | 178 | 1768328 | 37.223 | ng | | 97 |
| 73) Carbazole | 11.651 | 167 | 1647045 | 36.658 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.986 | 149 | 1966871 | 36.886 | ng | | 99 |
| 75) Fluoranthene | 12.633 | 202 | 1685814 | 36.056 | ng | | 96 |
| 77) Benzidine | 12.751 | 184 | 528547 | 39.343 | ng | | 99 |
| 78) Pyrene | 12.863 | 202 | 1711552 | 38.548 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.480 | 149 | 700399 | 39.039 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 1204045 | 37.332 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 379506 | 38.404 | ng | | 98 |
| 83) Chrysene | 14.086 | 228 | 1239841 | 38.055 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149 | 869215 | 39.631 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 1464639 | 40.162 | ng | # | 89 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 1240676 | 39.667 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 1189851 | 37.340 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 1055152 | 36.207 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 1033875 | 37.279 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 1052599 | 39.708 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 1037326 | 39.649 | ng | | 93 |

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

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