Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101122\
Data File : BF130614.D
Acq On : 11 Oct 2022 12:51
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 12 06:17:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:13:35 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.587 | 152 | 111660 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.875 | 136 | 432140 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.622 | 164 | 190269 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.098 | 188 | 332070 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.727 | 240 | 201294 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.098 | 264 | 161175 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.187 | 112 | 535644 | 83.204 | ng | 0.00 |
| 7) Phenol-d6 | 6.239 | 99 | 618648 | 76.802 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.163 | 82 | 670054 | 79.215 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.410 | 330 | 165931 | 91.014 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 8.951 | 172 | 1045095 | 79.985 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.686 | 244 | 1040816 | 85.651 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.146 | 88 | 156490 | 52.929 | ng | 100 |
| 3) Pyridine | 2.810 | 79 | 321376 | 41.669 | ng | 100 |
| 4) n-Nitrosodimethylamine | 2.775 | 42 | 146348 | 34.888 | ng | 100 |
| 6) Aniline | 6.257 | 93 | 370636 | 37.344 | ng | 100 |
| 8) 2-Chlorophenol | 6.375 | 128 | 294035 | 40.095 | ng | 100 |
| 9) Benzaldehyde | 6.139 | 77 | 193078 | 35.784 | ng | 100 |
| 10) Phenol | 6.251 | 94 | 355955 | 37.708 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.334 | 93 | 263421 | 38.689 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.528 | 146 | 326570 | 40.471 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.604 | 146 | 341462 | 41.497 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 6.757 | 146 | 336963 | 43.836 | ng | 100 |
| 15) Benzyl Alcohol | 6.745 | 79 | 258133 | 40.418 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 6.875 | 45 | 377592 | 38.023 | ng | 100 |
| 17) 2-Methylphenol | 6.863 | 107 | 252836 | 42.412 | ng | 100 |
| 18) Hexachloroethane | 7.098 | 117 | 138565 | 42.720 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.016 | 70 | 221637 | 40.777 | ng | 100 |
| 20) 3+4-Methylphenols | 7.016 | 107 | 337593 | 43.593 | ng | 100 |
| 22) Acetophenone | 7.010 | 105 | 441162 | 41.756 | ng | 100 |
| 24) Nitrobenzene | 7.181 | 77 | 336510 | 39.180 | ng | 100 |
| 25) Isophorone | 7.422 | 82 | 540728 | 39.662 | ng | 100 |
| 26) 2-Nitrophenol | 7.498 | 139 | 173416 | 49.254 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.539 | 122 | 247147 | 45.589 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.633 | 93 | 336211 | 43.796 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.739 | 162 | 240791 | 40.532 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 7.816 | 180 | 259866 | 40.459 | ng | 100 |
| 31) Naphthalene | 7.892 | 128 | 946503 | 42.514 | ng | 100 |
| 32) Benzoic acid | 7.686 | 122 | 163163m | 38.919 | ng | |
| 33) 4-Chloroaniline | 7.951 | 127 | 370816 | 43.793 | ng | 100 |
| 34) Hexachlorobutadiene | 8.010 | 225 | 170106 | 41.441 | ng | 100 |
| 35) Caprolactam | 8.333 | 113 | 83433 | 48.989 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.445 | 107 | 290129 | 44.060 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.586 | 142 | 489089 | 34.455 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.681 | 142 | 473742 | 34.741 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.751 | 216 | 216248 | 41.646 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 8.733 | 237 | 66116 | 23.782 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 8.869 | 196 | 147435 | 40.684 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 8.910 | 196 | 163818 | 41.891 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.051 | 154 | 580778 | 40.871 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.075 | 162 | 468503 | 40.757 | ng | 100 |
| 48) 2-Nitroaniline | 9.180 | 65 | 146242 | 38.144 | ng | 100 |
| 49) Acenaphthylene | 9.486 | 152 | 708766 | 41.123 | ng | 100 |
| 50) Dimethylphthalate | 9.357 | 163 | 555611 | 42.274 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.422 | 165 | 123016 | 44.754 | ng | 100 |
| 52) Acenaphthene | 9.657 | 154 | 430313 | 38.000 | ng | 100 |
| 53) 3-Nitroaniline | 9.592 | 138 | 135571 | 44.263 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.704 | 184 | 56830 | 45.109 | ng | 100 |
| 55) Dibenzofuran | 9.827 | 168 | 647723 | 41.123 | ng | 100 |
| 56) 4-Nitrophenol | 9.763 | 139 | 80902 | 36.266 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 9.822 | 165 | 157910 | 44.952 | ng | 100 |
| 58) Fluorene | 10.169 | 166 | 537908 | 41.758 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 9.951 | 232 | 130918 | 42.771 | ng | 100 |
| 60) Diethylphthalate | 10.051 | 149 | 551830 | 41.869 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.163 | 204 | 242854 | 42.977 | ng | 100 |
| 62) 4-Nitroaniline | 10.204 | 138 | 127452 | 41.423 | ng | 100 |
| 63) Azobenzene | 10.322 | 77 | 517961 | 38.166 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.233 | 198 | 90217 | 48.805 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.286 | 169 | 451593 | 40.696 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.651 | 248 | 159476 | 43.534 | ng | 100 |
| 68) Hexachlorobenzene | 10.710 | 284 | 177260 | 42.687 | ng | 100 |
| 69) Atrazine | 10.816 | 200 | 130371 | 40.202 | ng | 100 |
| 70) Pentachlorophenol | 10.910 | 266 | 72421 | 32.496 | ng | 100 |
| 71) Phenanthrene | 11.127 | 178 | 762511 | 40.899 | ng | 100 |
| 72) Anthracene | 11.174 | 178 | 744487 | 41.380 | ng | 100 |
| 73) Carbazole | 11.339 | 167 | 652690 | 40.197 | ng | 100 |
| 74) Di-n-butylphthalate | 11.669 | 149 | 818770 | 41.816 | ng | 100 |
| 75) Fluoranthene | 12.310 | 202 | 750328 | 41.649 | ng | 100 |
| 77) Benzidine | 12.439 | 184 | 198358 | 33.946 | ng | 100 |
| 78) Pyrene | 12.533 | 202 | 739831 | 42.014 | ng | 100 |
| 80) Butylbenzylphthalate | 13.163 | 149 | 288189 | 44.177 | ng | 100 |
| 81) Benzo(a)anthracene | 13.715 | 228 | 563872 | 42.108 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.686 | 252 | 163983 | 44.986 | ng | 100 |
| 83) Chrysene | 13.757 | 228 | 534040 | 42.001 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.721 | 149 | 342227 | 45.800 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.327 | 149 | 516666 | 45.207 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.392 | 276 | 551545 | 48.256 | ng | 100 |
| 88) Benzo(b)fluoranthene | 14.721 | 252 | 434233 | 41.278 | ng | 100 |
| 89) Benzo(k)fluoranthene | 14.751 | 252 | 453256 | 43.800 | ng | 100 |
| 90) Benzo(a)pyrene | 15.045 | 252 | 363984 | 43.674 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.404 | 278 | 454882 | 48.514 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 16.774 | 276 | 457393 | 48.426 | ng | 100 |

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

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