Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130493.D
Acq On : 03 Oct 2022 12:21
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 04 03:12:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.640 | 152 | 84383 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.922 | 136 | 339586 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.669 | 164 | 175244 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.151 | 188 | 345155 | 20.000 | ng | | # 0.00 |
| 76) Chrysene-d12 | 13.786 | 240 | 162300 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.168 | 264 | 141934 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.234 | 112 | 392933 | 80.766 | ng | | -0.01 |
| 7) Phenol-d6 | 6.287 | 99 | 519571 | 85.353 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.210 | 82 | 583817 | 87.831 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.463 | 330 | 134950 | 80.367 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 8.998 | 172 | 951488 | 79.064 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.739 | 244 | 817122 | 83.398 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.240 | 88 | 146375 | 65.511 | ng | | 94 |
| 3) Pyridine | 2.910 | 79 | 298531 | 51.219 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 2.875 | 42 | 154414 | 48.710 | ng | | 94 |
| 6) Aniline | 6.304 | 93 | 319571 | 42.607 | ng | # | 82 |
| 8) 2-Chlorophenol | 6.422 | 128 | 227291 | 41.013 | ng | | 95 |
| 9) Benzaldehyde | 6.187 | 77 | 166194 | 40.758 | ng | | 98 |
| 10) Phenol | 6.298 | 94 | 308546 | 43.252 | ng | # | 69 |
| 11) bis(2-Chloroethyl)ether | 6.381 | 93 | 219158 | 42.592 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.575 | 146 | 249063 | 40.843 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.657 | 146 | 257416 | 41.395 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.810 | 146 | 244635 | 42.113 | ng | | 99 |
| 15) Benzyl Alcohol | 6.792 | 79 | 197234 | 40.866 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 6.922 | 45 | 352493 | 46.969 | ng | | 96 |
| 17) 2-Methylphenol | 6.904 | 107 | 196048 | 43.517 | ng | | 96 |
| 18) Hexachloroethane | 7.145 | 117 | 104185 | 42.503 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.063 | 70 | 187523 | 45.653 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.063 | 107 | 255910 | 43.728 | ng | # | 72 |
| 22) Acetophenone | 7.057 | 105 | 350693 | 42.240 | ng | # | 99 |
| 24) Nitrobenzene | 7.228 | 77 | 292639 | 43.358 | ng | | 98 |
| 25) Isophorone | 7.469 | 82 | 472936 | 44.144 | ng | | 98 |
| 26) 2-Nitrophenol | 7.545 | 139 | 111145 | 40.171 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.587 | 122 | 173577 | 40.745 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.681 | 93 | 268287 | 44.473 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.787 | 162 | 191838 | 41.093 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.863 | 180 | 208416 | 41.293 | ng | | 98 |
| 31) Naphthalene | 7.945 | 128 | 752389 | 43.006 | ng | | 99 |
| 32) Benzoic acid | 7.728 | 122 | 97290 | 29.531 | ng | | 97 |
| 33) 4-Chloroaniline | 7.998 | 127 | 292421 | 43.947 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.057 | 225 | 126693 | 39.277 | ng | | 98 |
| 35) Caprolactam | 8.381 | 113 | 63944 | 47.779 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.486 | 107 | 238400 | 46.072 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.634 | 142 | 540358 | 48.442 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.733 | 142 | 457265 | 42.672 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.798 | 216 | 185496 | 38.786 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 8.781 | 237 | 91637 | 35.789 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 8.916 | 196 | 122949 | 36.836 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 8.957 | 196 | 133254 | 36.997 | ng | # | 89 |
| 46) 1,1'-Biphenyl | 9.098 | 154 | 533282 | 40.746 | ng | | 100 |
| 47) 2-Chloronaphthalene | 9.122 | 162 | 431326 | 40.740 | ng | | 100 |
| 48) 2-Nitroaniline | 9.228 | 65 | 158396 | 44.856 | ng | | 99 |
| 49) Acenaphthylene | 9.533 | 152 | 665820 | 41.944 | ng | | 99 |
| 50) Dimethylphthalate | 9.404 | 163 | 498174 | 41.154 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.469 | 165 | 108557 | 42.880 | ng | | 99 |
| 52) Acenaphthene | 9.704 | 154 | 402650 | 38.606 | ng | | 98 |
| 53) 3-Nitroaniline | 9.639 | 138 | 122002 | 43.248 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.745 | 184 | 40814 | 33.650 | ng | | 93 |
| 55) Dibenzofuran | 9.875 | 168 | 617714 | 42.580 | ng | | 96 |
| 56) 4-Nitrophenol | 9.810 | 139 | 69223 | 33.691 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 9.869 | 165 | 144455 | 44.647 | ng | # | 84 |
| 58) Fluorene | 10.222 | 166 | 546859 | 46.093 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 9.998 | 232 | 105276 | 37.343 | ng | | 95 |
| 60) Diethylphthalate | 10.104 | 149 | 550346 | 45.337 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.216 | 204 | 237917 | 45.713 | ng | | 99 |
| 62) 4-Nitroaniline | 10.251 | 138 | 144176 | 50.876 | ng | | 93 |
| 63) Azobenzene | 10.375 | 77 | 672170 | 53.775 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.275 | 198 | 67283 | 35.018 | ng | | 79 |
| 66) n-Nitrosodiphenylamine | 10.333 | 169 | 482445 | 41.828 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248 | 155582 | 40.861 | ng | | 96 |
| 68) Hexachlorobenzene | 10.763 | 284 | 147519 | 34.178 | ng | | 97 |
| 69) Atrazine | 10.869 | 200 | 130539 | 38.728 | ng | | 98 |
| 70) Pentachlorophenol | 10.963 | 266 | 78800 | 34.018 | ng | | 97 |
| 71) Phenanthrene | 11.180 | 178 | 728906 | 37.614 | ng | | 99 |
| 72) Anthracene | 11.227 | 178 | 763473 | 40.826 | ng | | 100 |
| 73) Carbazole | 11.386 | 167 | 563780 | 33.405 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.722 | 149 | 671555 | 32.997 | ng | | 99 |
| 75) Fluoranthene | 12.357 | 202 | 596888 | 31.876 | ng | | 98 |
| 77) Benzidine | 12.492 | 184 | 141674 | 30.070 | ng | | 99 |
| 78) Pyrene | 12.586 | 202 | 604042 | 42.544 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.216 | 149 | 222144 | 42.234 | ng | | 96 |
| 81) Benzo(a)anthracene | 13.774 | 228 | 441456 | 40.887 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.745 | 252 | 100213 | 34.097 | ng | | 98 |
| 83) Chrysene | 13.810 | 228 | 451006 | 43.993 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.774 | 149 | 249620 | 41.432 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.386 | 149 | 289124 | 31.376 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.492 | 276 | 370734 | 36.834 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.786 | 252 | 318971 | 34.431 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 14.810 | 252 | 323530 | 35.502 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.115 | 252 | 324287 | 44.185 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.509 | 278 | 306248 | 37.090 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 16.892 | 276 | 305076 | 36.678 | ng | | 97 |

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

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