Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134689.D
Acq On : 09 Aug 2023 14:28
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 01:39:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.804 | 152 | 209965 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.081 | 136 | 810987 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.840 | 164 | 419030 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.328 | 188 | 762786 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 13.980 | 240 | 450629 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.451 | 264 | 447570 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 1033798 | 74.845 | ng | | 0.00 |
| 7) Phenol-d6 | 6.446 | 99 | 1337293 | 75.738 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.369 | 82 | 1131516 | 87.192 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.634 | 330 | 393361 | 92.087 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.163 | 172 | 1965903 | 78.006 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.922 | 244 | 2148297 | 84.042 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.546 | 88 | 235332 | 37.030 | ng | # | 94 |
| 3) Pyridine | 3.305 | 79 | 650253 | 37.760 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.275 | 42 | 292131 | 35.503 | ng | # | 60 |
| 6) Aniline | 6.469 | 93 | 854139 | 36.881 | ng | | 93 |
| 8) 2-Chlorophenol | 6.593 | 128 | 550639 | 39.519 | ng | | 95 |
| 9) Benzaldehyde | 6.357 | 77 | 358385 | 43.714 | ng | | 98 |
| 10) Phenol | 6.457 | 94 | 675070m | 38.797 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.546 | 93 | 540861 | 39.129 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.746 | 146 | 562817 | 39.041 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 6.822 | 146 | 565719 | 39.155 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.975 | 146 | 520199 | 38.642 | ng | | 96 |
| 15) Benzyl Alcohol | 6.946 | 79 | 479324 | 39.351 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.081 | 45 | 835802 | 38.596 | ng | | 89 |
| 17) 2-Methylphenol | 7.057 | 107 | 487577 | 39.600 | ng | | 92 |
| 18) Hexachloroethane | 7.310 | 117 | 203497 | 40.131 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.222 | 70 | 382180 | 36.152 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.210 | 107 | 549052 | 36.976 | ng | # | 77 |
| 22) Acetophenone | 7.216 | 105 | 677114 | 36.166 | ng | # | 91 |
| 24) Nitrobenzene | 7.387 | 77 | 580742 | 41.422 | ng | | 97 |
| 25) Isophorone | 7.628 | 82 | 1102902 | 38.965 | ng | | 98 |
| 26) 2-Nitrophenol | 7.698 | 139 | 289674 | 48.500 | ng | # | 90 |
| 27) 2,4-Dimethylphenol | 7.740 | 122 | 486489 | 38.520 | ng | | 84 |
| 28) bis(2-Chloroethoxy)met... | 7.840 | 93 | 678397 | 40.066 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.940 | 162 | 476183 | 41.542 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.022 | 180 | 492651 | 40.304 | ng | | 99 |
| 31) Naphthalene | 8.104 | 128 | 1564141 | 38.376 | ng | | 99 |
| 32) Benzoic acid | 7.869 | 122 | 346965 | 43.080 | ng | | 92 |
| 33) 4-Chloroaniline | 8.157 | 127 | 700320 | 38.562 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.222 | 225 | 285906 | 40.550 | ng | | 94 |
| 35) Caprolactam | 8.534 | 113 | 157355 | 42.550 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.640 | 107 | 492140 | 40.541 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.798 | 142 | 1070265 | 39.615 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.898 | 142 | 995160 | 39.613 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 8.963 | 216 | 496436 | 40.741 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.945 | 237 | 223681 | 37.749 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.075 | 196 | 337031 | 42.263 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.116 | 196 | 384396 | 42.175 | ng | | 90 |
| 46) 1,1'-Biphenyl | 9.263 | 154 | 1268424 | 38.927 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.287 | 162 | 960355 | 39.333 | ng | | 98 |
| 48) 2-Nitroaniline | 9.387 | 65 | 325801 | 43.144 | ng | | 86 |
| 49) Acenaphthylene | 9.704 | 152 | 1483800 | 38.661 | ng | | 99 |
| 50) Dimethylphthalate | 9.569 | 163 | 1180591 | 41.337 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.628 | 165 | 262662 | 45.048 | ng | | 87 |
| 52) Acenaphthene | 9.875 | 154 | 984172m | 39.570 | ng | | |
| 53) 3-Nitroaniline | 9.798 | 138 | 290426 | 45.624 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 111102 | 55.698 | ng | | 87 |
| 55) Dibenzofuran | 10.045 | 168 | 1376110 | 38.867 | ng | | 95 |
| 56) 4-Nitrophenol | 9.957 | 139 | 219929 | 42.242 | ng | # | 73 |
| 57) 2,4-Dinitrotoluene | 10.034 | 165 | 324761 | 46.071 | ng | # | 89 |
| 58) Fluorene | 10.392 | 166 | 1004298 | 38.943 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232 | 307964m | 42.709 | ng | | |
| 60) Diethylphthalate | 10.269 | 149 | 1099604 | 40.620 | ng | | 95 |
| 61) 4-Chlorophenyl-phenyle... | 10.381 | 204 | 522115 | 41.189 | ng | | 95 |
| 62) 4-Nitroaniline | 10.416 | 138 | 286414 | 45.904 | ng | # | 85 |
| 63) Azobenzene | 10.545 | 77 | 1108912 | 38.126 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198 | 171217 | 54.170 | ng | # | 79 |
| 66) n-Nitrosodiphenylamine | 10.504 | 169 | 963255 | 39.675 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248 | 355416 | 42.564 | ng | | 95 |
| 68) Hexachlorobenzene | 10.939 | 284 | 374407 | 42.462 | ng | | 93 |
| 69) Atrazine | 11.034 | 200 | 266921 | 40.789 | ng | | 98 |
| 70) Pentachlorophenol | 11.134 | 266 | 236009 | 43.229 | ng | | 97 |
| 71) Phenanthrene | 11.357 | 178 | 1579427 | 38.983 | ng | | 100 |
| 72) Anthracene | 11.410 | 178 | 1610245 | 38.909 | ng | | 98 |
| 73) Carbazole | 11.563 | 167 | 1405277 | 38.030 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.898 | 149 | 1642219 | 41.832 | ng | | 98 |
| 75) Fluoranthene | 12.545 | 202 | 1614843 | 37.732 | ng | | 96 |
| 77) Benzidine | 12.669 | 184 | 361266 | 36.931 | ng | | 99 |
| 78) Pyrene | 12.775 | 202 | 1632439 | 41.864 | ng | | 97 |
| 80) Butylbenzylphthalate | 13.404 | 149 | 601906 | 45.649 | ng | # | 98 |
| 81) Benzo(a)anthracene | 13.969 | 228 | 1184301 | 36.754 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.933 | 252 | 400145 | 42.842 | ng | # | 97 |
| 83) Chrysene | 14.010 | 228 | 1185889 | 37.776 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149 | 649671 | 41.869 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.580 | 149 | 1128181 | 47.812 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.951 | 276 | 1263108 | 47.986 | ng | # | 91 |
| 88) Benzo(b)fluoranthene | 15.022 | 252 | 1029746 | 37.724 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 15.051 | 252 | 1055302 | 38.809 | ng | # | 98 |
| 90) Benzo(a)pyrene | 15.392 | 252 | 1020840 | 40.110 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 16.974 | 278 | 1033949 | 48.604 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 17.410 | 276 | 1058890 | 48.797 | ng | # | 92 |

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

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