Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
Data File : BF130140.D
Acq On : 06 Sep 2022 16:31
Operator : CG\JU
Sample : PB147437BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 07 02:13:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
PB147437BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo
09/07/2022
Supervised By :Jagrut Upadhyay
09/07/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.698 | 152 | 241533 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.981 | 136 | 1013660 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.733 | 164 | 556931 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.210 | 188 | 961044 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.839 | 240 | 540935 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.233 | 264 | 468122 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.310 | 112 | 1721804 | 121.020 | ng | | 0.01 |
| 7) Phenol-d6 | 6.334 | 99 | 2215874 | 124.926 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.269 | 82 | 1342932 | 85.142 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.522 | 330 | 719875 | 141.998 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.057 | 172 | 2581489 | 76.850 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.798 | 244 | 2842019 | 91.109 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.428 | 88 | 187591 | 28.213 | ng | | 95 |
| 3) Pyridine | 3.134 | 79 | 521913 | 29.272 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.075 | 42 | 263211 | 37.539 | ng | | 84 |
| 6) Aniline | 6.363 | 93 | 785040 | 35.302 | ng | # | 50 |
| 8) 2-Chlorophenol | 6.481 | 128 | 692625 | 44.354 | ng | | 99 |
| 9) Benzaldehyde | 6.245 | 77 | 326380 | 30.063 | ng | | 97 |
| 10) Phenol | 6.351 | 94 | 842737 | 42.033 | ng | # | 69 |
| 11) bis(2-Chloroethyl)ether | 6.439 | 93 | 626847 | 41.150 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.640 | 146 | 667816 | 38.578 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.716 | 146 | 674834 | 38.700 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.863 | 146 | 648005 | 40.881 | ng | | 98 |
| 15) Benzyl Alcohol | 6.845 | 79 | 516801 | 43.227 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 6.981 | 45 | 809473 | 39.099 | ng | # | 52 |
| 17) 2-Methylphenol | 6.957 | 107 | 561160 | 42.712 | ng | # | 87 |
| 18) Hexachloroethane | 7.210 | 117 | 247226 | 39.263 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.122 | 70 | 441375 | 41.305 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.110 | 107 | 651294 | 42.273 | ng | # | 75 |
| 22) Acetophenone | 7.116 | 105 | 876293 | 38.694 | ng | # | 98 |
| 24) Nitrobenzene | 7.287 | 77 | 675879 | 40.292 | ng | | 95 |
| 25) Isophorone | 7.528 | 82 | 1325795 | 41.529 | ng | | 98 |
| 26) 2-Nitrophenol | 7.598 | 139 | 337122 | 43.162 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.639 | 122 | 626703 | 46.785 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.739 | 93 | 813704 | 42.432 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.839 | 162 | 596149 | 41.606 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 7.922 | 180 | 562748 | 37.248 | ng | | 98 |
| 31) Naphthalene | 8.004 | 128 | 1915702 | 37.471 | ng | | 99 |
| 32) Benzoic acid | 7.775 | 122 | 487806 | 45.066 | ng | | 100 |
| 33) 4-Chloroaniline | 8.051 | 127 | 662112 | 32.056 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.122 | 225 | 318304 | 36.787 | ng | | 99 |
| 35) Caprolactam | 8.434 | 113 | 190700m | 42.949 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.539 | 107 | 645613 | 44.528 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.692 | 142 | 1308140 | 39.722 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.792 | 142 | 1244483 | 38.878 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.857 | 216 | 550569 | 37.911 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 8.845 | 237 | 631074 | 83.149 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 8.969 | 196 | 427700 | 41.259 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.010 | 196 | 468560 | 41.703 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.157 | 154 | 1578117 | 39.003 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.181 | 162 | 1244951 | 38.402 | ng | | 99 |
| 48) 2-Nitroaniline | 9.281 | 65 | 389542 | 48.760 | ng | | 91 |
| 49) Acenaphthylene | 9.592 | 152 | 1941435 | 39.437 | ng | | 100 |
| 50) Dimethylphthalate | 9.469 | 163 | 1532620 | 40.403 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.528 | 165 | 351032 | 47.463 | ng | # | 81 |
| 52) Acenaphthene | 9.769 | 154 | 1358766m | 43.795 | ng | | |
| 53) 3-Nitroaniline | 9.692 | 138 | 319282 | 37.611 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.798 | 184 | 333494 | 97.367 | ng | | 90 |
| 55) Dibenzofuran | 9.939 | 168 | 1767069 | 39.775 | ng | | 99 |
| 56) 4-Nitrophenol | 9.857 | 139 | 631436 | 96.481 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 9.928 | 165 | 443221 | 52.051 | ng | # | 86 |
| 58) Fluorene | 10.280 | 166 | 1313549 | 38.858 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.051 | 232 | 368380 | 42.213 | ng | # | 78 |
| 60) Diethylphthalate | 10.163 | 149 | 1509123 | 41.123 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.275 | 204 | 593629 | 39.726 | ng | | 98 |
| 62) 4-Nitroaniline | 10.310 | 138 | 397377 | 48.132 | ng | | 98 |
| 63) Azobenzene | 10.433 | 77 | 1424042 | 39.412 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.327 | 198 | 214105 | 47.408 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 10.398 | 169 | 1273870 | 39.651 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.763 | 248 | 428417 | 40.077 | ng | | 95 |
| 68) Hexachlorobenzene | 10.822 | 284 | 477928 | 41.032 | ng | | 92 |
| 69) Atrazine | 10.927 | 200 | 421166 | 46.339 | ng | | 98 |
| 70) Pentachlorophenol | 11.016 | 266 | 558955 | 85.817 | ng | | 96 |
| 71) Phenanthrene | 11.239 | 178 | 2018335 | 38.726 | ng | | 99 |
| 72) Anthracene | 11.292 | 178 | 2066652 | 40.337 | ng | | 99 |
| 73) Carbazole | 11.445 | 167 | 1976466 | 41.833 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.780 | 149 | 2244244 | 39.392 | ng | | 100 |
| 75) Fluoranthene | 12.421 | 202 | 2082642 | 40.297 | ng | | 98 |
| 77) Benzidine | 12.545 | 184 | 883182 | 60.472 | ng | | 99 |
| 78) Pyrene | 12.645 | 202 | 2097631 | 43.233 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.274 | 149 | 807204 | 41.827 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.827 | 228 | 1495829 | 40.351 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.798 | 252 | 435220 | 37.647 | ng | | 99 |
| 83) Chrysene | 13.868 | 228 | 1454318 | 39.792 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.833 | 149 | 808907 | 33.721 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.445 | 149 | 1297432 | 34.240 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.580 | 276 | 1433349 | 46.418 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 14.845 | 252 | 1378042 | 44.143 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 14.868 | 252 | 1229960 | 40.738 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.180 | 252 | 1153749 | 46.511 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.604 | 278 | 1246639 | 49.338 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 16.992 | 276 | 1264389 | 50.015 | ng | # | 92 |

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

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