Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
Data File : BM037256.D
Acq On : 28 Oct 2022 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 02:56:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 02:48:52 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.875 | 152 | 393373 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.675 | 136 | 1519292 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.510 | 164 | 848205 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 1592292 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.421 | 240 | 1556247 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.786 | 264 | 1470863 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 1795572 | 81.008 | ng | 0.00 |
| 7) Phenol-d6 | 7.046 | 99 | 2403356 | 77.192 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.045 | 82 | 2346547 | 82.612 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.998 | 330 | 789413 | 118.665 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.139 | 172 | 5019392 | 91.246 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.868 | 244 | 6596639 | 84.454 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 362751 | 37.982 | ng | 100 |
| 3) Pyridine | 3.734 | 79 | 1095889m | 37.174 | ng | |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 475784 | 37.184 | ng | 100 |
| 6) Aniline | 7.210 | 93 | 1463080 | 37.010 | ng | 100 |
| 8) 2-Chlorophenol | 7.440 | 128 | 1069041 | 40.420 | ng | 100 |
| 9) Benzaldehyde | 7.022 | 77 | 603788 | 30.277 | ng | 100 |
| 10) Phenol | 7.075 | 94 | 1332749 | 37.373 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.304 | 93 | 1049463 | 36.028 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.763 | 146 | 1156828 | 39.923 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.910 | 146 | 1186060 | 39.939 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.228 | 146 | 1140870 | 40.107 | ng | 100 |
| 15) Benzyl Alcohol | 8.122 | 79 | 849521 | 35.020 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.410 | 45 | 1476162 | 34.697 | ng | 100 |
| 17) 2-Methylphenol | 8.328 | 107 | 869917 | 37.361 | ng | 100 |
| 18) Hexachloroethane | 8.951 | 117 | 418317 | 38.185 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.693 | 70 | 797940 | 33.740 | ng | 100 |
| 20) 3+4-Methylphenols | 8.657 | 107 | 1183396 | 36.972 | ng | 100 |
| 22) Acetophenone | 8.704 | 105 | 1532757 | 40.194 | ng | 100 |
| 24) Nitrobenzene | 9.087 | 77 | 1194034 | 39.749 | ng | 100 |
| 25) Isophorone | 9.616 | 82 | 1938192 | 36.910 | ng | 100 |
| 26) 2-Nitrophenol | 9.798 | 139 | 545642 | 54.226 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.857 | 122 | 789934 | 40.654 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.098 | 93 | 1191462 | 37.509 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.328 | 162 | 910659 | 44.387 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.539 | 180 | 1018406 | 46.100 | ng | 100 |
| 31) Naphthalene | 10.728 | 128 | 3302755 | 40.239 | ng | 100 |
| 32) Benzoic acid | 10.010 | 122 | 619371 | 41.763 | ng | 100 |
| 33) 4-Chloroaniline | 10.845 | 127 | 1324186 | 40.134 | ng | 100 |
| 34) Hexachlorobutadiene | 11.004 | 225 | 564702 | 46.740 | ng | 100 |
| 35) Caprolactam | 11.651 | 113 | 274752 | 38.807 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.975 | 107 | 925459 | 38.369 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.339 | 142 | 2227700 | 40.404 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.557 | 142 | 2174451 | 40.297 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.704 | 216 | 1004371 | 48.235 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.675 | 237 | 479807 | 47.042 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.945 | 196 | 701664 | 49.151 | ng | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.022 | 196 | 768340 | 48.354 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.345 | 154 | 2687301 | 42.974 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.392 | 162 | 2149990 | 44.772 | ng | 100 |
| 48) 2-Nitroaniline | 13.604 | 65 | 634238 | 41.492 | ng | 100 |
| 49) Acenaphthylene | 14.233 | 152 | 3329671 | 42.816 | ng | 100 |
| 50) Dimethylphthalate | 13.975 | 163 | 2478082 | 41.429 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.098 | 165 | 537083 | 44.938 | ng | 100 |
| 52) Acenaphthene | 14.575 | 154 | 2025693 | 41.916 | ng | 100 |
| 53) 3-Nitroaniline | 14.427 | 138 | 612409 | 42.682 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.633 | 184 | 295907 | 49.335 | ng | 100 |
| 55) Dibenzofuran | 14.910 | 168 | 3111468 | 42.525 | ng | 100 |
| 56) 4-Nitrophenol | 14.739 | 139 | 483691 | 42.168 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.886 | 165 | 714594 | 46.009 | ng | 100 |
| 58) Fluorene | 15.557 | 166 | 2615954 | 43.639 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.133 | 232 | 631889 | 48.082 | ng | 100 |
| 60) Diethylphthalate | 15.333 | 149 | 2396729 | 38.633 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.551 | 204 | 1189552 | 45.408 | ng | 100 |
| 62) 4-Nitroaniline | 15.592 | 138 | 634499 | 43.124 | ng | 100 |
| 63) Azobenzene | 15.845 | 77 | 2442762 | 35.405 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 198 | 402409 | 50.828 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.769 | 169 | 2113398 | 42.959 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.445 | 248 | 691048 | 47.063 | ng | 100 |
| 68) Hexachlorobenzene | 16.551 | 284 | 829780 | 51.032 | ng | 100 |
| 69) Atrazine | 16.721 | 200 | 533379 | 39.357 | ng | 100 |
| 70) Pentachlorophenol | 16.904 | 266 | 490745 | 49.177 | ng | 100 |
| 71) Phenanthrene | 17.292 | 178 | 3831683 | 42.982 | ng | 100 |
| 72) Anthracene | 17.386 | 178 | 3691102 | 43.422 | ng | 100 |
| 73) Carbazole | 17.657 | 167 | 3426123 | 43.182 | ng | 100 |
| 74) Di-n-butylphthalate | 18.215 | 149 | 3771913 | 37.964 | ng | 100 |
| 75) Fluoranthene | 19.304 | 202 | 4197560 | 45.765 | ng | 100 |
| 77) Benzidine | 19.498 | 184 | 1036167 | 31.734 | ng | 100 |
| 78) Pyrene | 19.668 | 202 | 4406653 | 37.601 | ng | 100 |
| 80) Butylbenzylphthalate | 20.562 | 149 | 1642436 | 33.997 | ng | 100 |
| 81) Benzo(a)anthracene | 21.409 | 228 | 4282781 | 42.370 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.345 | 252 | 1318698 | 48.060 | ng | 100 |
| 83) Chrysene | 21.462 | 228 | 4125500 | 42.374 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.333 | 149 | 2290252 | 32.294 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.245 | 149 | 3690572 | 32.316 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.233 | 276 | 4692499 | 48.309 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.062 | 252 | 3908804 | 41.936 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.115 | 252 | 4154740 | 43.322 | ng | 99 |
| 90) Benzo(a)pyrene | 23.680 | 252 | 3269757 | 43.619 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.244 | 278 | 3896563 | 48.154 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.985 | 276 | 3762455 | 47.891 | ng | 100 |

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

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