Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008727.D
Acq On : 07 Jan 2022 15:36
Operator : CG/JU
Sample : PB141824BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 07 16:30:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB141824BS

**Manual Integrations APPROVED**

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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 252562 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.675 | 136 | 1130813 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.510 | 164 | 960672 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.263 | 188 | 1943451 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.351 | 240 | 2193440 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.780 | 264 | 2538906 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.452 | 112 | 2073770 | 128.580 | ng | 0.00 |
| 7) Phenol-d6 | 7.046 | 99 | 2340084 | 108.082 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.028 | 82 | 1370954 | 68.660 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.004 | 330 | 1661268 | 102.500 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.134 | 172 | 4276862 | 62.589 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.822 | 244 | 7987471 | 74.209 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.358 | 88 | 179026 | 29.431 | ng | 98 |
| 3) Pyridine | 3.752 | 79 | 421601 | 29.465 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.658 | 42 | 240423 | 37.709 | ng | 91 |
| 6) Aniline | 7.199 | 93 | 563348 | 20.712 | ng | 99 |
| 8) 2-Chlorophenol | 7.440 | 128 | 755897 | 41.470 | ng | 99 |
| 9) Benzaldehyde | 7.011 | 77 | 109488 | 7.472 | ng | 97 |
| 10) Phenol | 7.069 | 94 | 905840 | 40.886 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.293 | 93 | 628489 | 36.598 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.764 | 146 | 737606 | 35.819 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.911 | 146 | 764555 | 36.332 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.228 | 146 | 747965 | 36.654 | ng | 99 |
| 15) Benzyl Alcohol | 8.111 | 79 | 610399 | 37.950 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.411 | 45 | 672193 | 34.342 | ng | 97 |
| 17) 2-Methylphenol | 8.322 | 107 | 633726 | 41.490 | ng | 98 |
| 18) Hexachloroethane | 8.958 | 117 | 252006 | 35.603 | ng | 93 |
| 19) n-Nitroso-di-n-propyla... | 8.681 | 70 | 491633 | 34.974 | ng | 98 |
| 20) 3+4-Methylphenols | 8.652 | 107 | 871971 | 41.144 | ng | 99 |
| 22) Acetophenone | 8.693 | 105 | 1059110 | 35.496 | ng | 98 |
| 24) Nitrobenzene | 9.075 | 77 | 724847 | 35.860 | ng | 100 |
| 25) Isophorone | 9.605 | 82 | 1366993 | 34.810 | ng | 99 |
| 26) 2-Nitrophenol | 9.787 | 139 | 405488 | 38.467 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.852 | 122 | 748453 | 39.639 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.087 | 93 | 896685 | 36.621 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.328 | 162 | 845618 | 41.777 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.540 | 180 | 836347 | 37.927 | ng | 99 |
| 31) Naphthalene | 10.728 | 128 | 2268697 | 37.106 | ng | 100 |
| 32) Benzoic acid | 10.010 | 122 | 530333 | 42.010 | ng | 98 |
| 33) 4-Chloroaniline | 10.834 | 127 | 507498 | 18.494 | ng | 99 |
| 34) Hexachlorobutadiene | 11.022 | 225 | 509773 | 38.237 | ng | 99 |
| 35) Caprolactam | 11.622 | 113 | 270927 | 37.666 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.963 | 107 | 839251 | 40.936 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.334 | 142 | 1807580 | 37.576 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.552 | 142 | 1674671 | 37.484 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.704 | 216 | 1053454 | 32.989 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.693 | 237 | 1229687 | 64.772 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.946 | 196 | 745979 | 35.086 | ng | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.022 | 196 | 842025 | 36.028 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.346 | 154 | 2464862 | 32.914 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.387 | 162 | 1895220 | 32.973 | ng | 100 |
| 48) 2-Nitroaniline | 13.587 | 65 | 473843 | 33.774 | ng | 96 |
| 49) Acenaphthylene | 14.228 | 152 | 3034796 | 33.235 | ng | 100 |
| 50) Dimethylphthalate | 13.969 | 163 | 2585868 | 33.872 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.081 | 165 | 580355 | 35.152 | ng | 99 |
| 52) Acenaphthene | 14.575 | 154 | 2053071 | 37.539 | ng | 99 |
| 53) 3-Nitroaniline | 14.410 | 138 | 365833 | 21.711 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.622 | 184 | 758749 | 90.116 | ng | 99 |
| 55) Dibenzofuran | 14.910 | 168 | 3457184 | 38.330 | ng | 100 |
| 56) 4-Nitrophenol | 14.734 | 139 | 1177210 | 83.901 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.875 | 165 | 923196 | 40.967 | ng | 97 |
| 58) Fluorene | 15.563 | 166 | 2725409 | 37.538 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.140 | 232 | 835115m | 39.763 | ng | |
| 60) Diethylphthalate | 15.340 | 149 | 2813250 | 38.003 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.557 | 204 | 1457590 | 37.418 | ng | 99 |
| 62) 4-Nitroaniline | 15.575 | 138 | 665065 | 38.014 | ng | 95 |
| 63) Azobenzene | 15.851 | 77 | 2379445 | 41.006 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.640 | 198 | 498277 | 46.210 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.769 | 169 | 2618662 | 44.462 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.451 | 248 | 974626 | 42.385 | ng | 98 |
| 68) Hexachlorobenzene | 16.569 | 284 | 1121579 | 41.922 | ng | 98 |
| 69) Atrazine | 16.728 | 200 | 977438 | 40.885 | ng | 99 |
| 70) Pentachlorophenol | 16.916 | 266 | 1478817 | 88.544 | ng | 100 |
| 71) Phenanthrene | 17.304 | 178 | 4153086 | 38.462 | ng | 99 |
| 72) Anthracene | 17.398 | 178 | 4205937 | 38.141 | ng | 99 |
| 73) Carbazole | 17.669 | 167 | 3908430 | 38.673 | ng | 99 |
| 74) Di-n-butylphthalate | 18.222 | 149 | 4600556 | 39.759 | ng | 99 |
| 75) Fluoranthene | 19.275 | 202 | 5166538 | 39.957 | ng | 97 |
| 77) Benzidine | 19.451 | 184 | 1924032 | 20.500 | ng | 98 |
| 78) Pyrene | 19.622 | 202 | 5272934 | 36.765 | ng | 98 |
| 80) Butylbenzylphthalate | 20.498 | 149 | 2195034 | 37.431 | ng | 99 |
| 81) Benzo(a)anthracene | 21.339 | 228 | 5475434 | 38.050 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.269 | 252 | 1792723 | 27.423 | ng | 99 |
| 83) Chrysene | 21.392 | 228 | 5303521 | 38.206 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.269 | 149 | 3306001 | 38.613 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.198 | 149 | 5964836 | 39.251 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.316 | 276 | 8072692 | 39.792 | ng | 97 |
| 88) Benzo(b)fluoranthene | 23.039 | 252 | 6403116 | 38.598 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.092 | 252 | 6168908 | 39.734 | ng | 98 |
| 90) Benzo(a)pyrene | 23.674 | 252 | 6272174 | 39.118 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.333 | 278 | 6867121 | 40.060 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.092 | 276 | 6762255 | 39.741 | ng | 98 |

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

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