Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008730.D
Acq On : 07 Jan 2022 17:22
Operator : CG/JU
Sample : N1049-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 08 02:25:37 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 :**
7211979MS

**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 | 333606 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.675 | 136 | 1298628 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.510 | 164 | 953241 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.263 | 188 | 2180606 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.351 | 240 | 2564830 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.780 | 264 | 2581262 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.452 | 112 | 2386172 | 112.008 | ng | | 0.00 |
| 7) Phenol-d6 | 7.046 | 99 | 2647149 | 92.562 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.028 | 82 | 1569100 | 68.428 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.998 | 330 | 1597842 | 99.355 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.134 | 172 | 3933486 | 58.013 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.822 | 244 | 7621952 | 60.559 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.358 | 88 | 310391 | 38.631 | ng | | 98 |
| 3) Pyridine | 3.752 | 79 | 768238 | 40.648 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.664 | 42 | 370804 | 44.030 | ng | | 94 |
| 6) Aniline | 7.199 | 93 | 992154 | 27.616 | ng | | 99 |
| 8) 2-Chlorophenol | 7.440 | 128 | 1009964 | 41.948 | ng | | 99 |
| 9) Benzaldehyde | 7.005 | 77 | 538349 | 27.814 | ng | | 99 |
| 10) Phenol | 7.075 | 94 | 1182888 | 40.420 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.293 | 93 | 868027 | 38.267 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.758 | 146 | 1096509 | 40.312 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.905 | 146 | 1123998 | 40.437 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.222 | 146 | 1083386 | 40.194 | ng | | 99 |
| 15) Benzyl Alcohol | 8.110 | 79 | 798499 | 37.585 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.405 | 45 | 881011 | 34.076 | ng | | 98 |
| 17) 2-Methylphenol | 8.322 | 107 | 785138 | 38.916 | ng | | 99 |
| 18) Hexachloroethane | 8.952 | 117 | 369391 | 39.509 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.681 | 70 | 614209 | 33.079 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.652 | 107 | 1067350 | 38.128 | ng | | 99 |
| 22) Acetophenone | 8.693 | 105 | 1375098 | 40.131 | ng | # | 99 |
| 24) Nitrobenzene | 9.069 | 77 | 940160 | 40.502 | ng | | 99 |
| 25) Isophorone | 9.604 | 82 | 1661899 | 36.851 | ng | | 99 |
| 26) 2-Nitrophenol | 9.781 | 139 | 549122 | 45.361 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.852 | 122 | 815870 | 37.625 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.087 | 93 | 1078246 | 38.345 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 1010747 | 43.483 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.540 | 180 | 1120241 | 44.237 | ng | | 100 |
| 31) Naphthalene | 10.722 | 128 | 2951083 | 42.030 | ng | | 100 |
| 32) Benzoic acid | 10.016 | 122 | 704958 | 48.627 | ng | | 99 |
| 33) 4-Chloroaniline | 10.834 | 127 | 642242 | 20.380 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.016 | 225 | 681489 | 44.511 | ng | | 99 |
| 35) Caprolactam | 11.634 | 113 | 311533 | 37.714 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.963 | 107 | 943704 | 40.083 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.334 | 142 | 2217631 | 40.143 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.551 | 142 | 2041503 | 39.789 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.704 | 216 | 1292719 | 40.797 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.687 | 237 | 1581480 | 83.951 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.945 | 196 | 857320 | 40.637 | ng | | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.016 | 196 | 933852 | 40.269 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.345 | 154 | 2889783 | 38.889 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.387 | 162 | 2240172 | 39.278 | ng | 99 |
| 48) 2-Nitroaniline | 13.587 | 65 | 531090 | 38.149 | ng | 96 |
| 49) Acenaphthylene | 14.228 | 152 | 3457632 | 38.161 | ng | 100 |
| 50) Dimethylphthalate | 13.969 | 163 | 2690044 | 35.511 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.081 | 165 | 614764 | 37.526 | ng | 99 |
| 52) Acenaphthene | 14.575 | 154 | 2311668 | 42.597 | ng | 100 |
| 53) 3-Nitroaniline | 14.410 | 138 | 530013 | 31.700 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.616 | 184 | 810830 | 97.052 | ng | 100 |
| 55) Dibenzofuran | 14.910 | 168 | 3770197 | 42.126 | ng | 100 |
| 56) 4-Nitrophenol | 14.728 | 139 | 1243131 | 89.290 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.869 | 165 | 950779 | 42.519 | ng | 97 |
| 58) Fluorene | 15.557 | 166 | 2952892 | 40.988 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.140 | 232 | 943141m | 45.257 | ng | |
| 60) Diethylphthalate | 15.334 | 149 | 2931725 | 39.912 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.551 | 204 | 1558182 | 40.313 | ng | 98 |
| 62) 4-Nitroaniline | 15.575 | 138 | 631386 | 36.370 | ng | 94 |
| 63) Azobenzene | 15.845 | 77 | 2383463 | 41.395 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 198 | 502673 | 41.548 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.769 | 169 | 2626525 | 39.745 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.451 | 248 | 1090187 | 42.255 | ng | 99 |
| 68) Hexachlorobenzene | 16.569 | 284 | 1265428 | 42.155 | ng | 98 |
| 69) Atrazine | 16.728 | 200 | 1051802 | 39.211 | ng | 99 |
| 70) Pentachlorophenol | 16.916 | 266 | 1691945 | 90.287 | ng | 99 |
| 71) Phenanthrene | 17.304 | 178 | 5184220 | 42.789 | ng | 99 |
| 72) Anthracene | 17.398 | 178 | 5302419 | 42.855 | ng | 99 |
| 73) Carbazole | 17.669 | 167 | 4774085 | 42.101 | ng | 99 |
| 74) Di-n-butylphthalate | 18.222 | 149 | 5455917 | 42.023 | ng | 99 |
| 75) Fluoranthene | 19.275 | 202 | 6539005 | 45.072 | ng | 97 |
| 77) Benzidine | 19.451 | 184 | 2243760 | 20.445 | ng | 99 |
| 78) Pyrene | 19.628 | 202 | 6847938 | 40.833 | ng | 99 |
| 80) Butylbenzylphthalate | 20.498 | 149 | 2809155 | 40.967 | ng | 100 |
| 81) Benzo(a)anthracene | 21.339 | 228 | 7164181 | 42.577 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.269 | 252 | 2526399 | 33.050 | ng | 99 |
| 83) Chrysene | 21.392 | 228 | 6963100 | 42.898 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.269 | 149 | 4154036 | 41.493 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.198 | 149 | 7595240 | 42.743 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.315 | 276 | 7739833 | 37.525 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.039 | 252 | 7588940 | 44.996 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.092 | 252 | 7473831 | 47.350 | ng | 100 |
| 90) Benzo(a)pyrene | 23.674 | 252 | 7181404 | 44.054 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.333 | 278 | 6557249 | 37.625 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.092 | 276 | 6265588 | 36.218 | ng | 100 |

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

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