Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010594.D
Acq On : 28 May 2022 11:22
Operator : CG/JU
Sample : PB145012BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 28 23:35:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB145012BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 104121 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.669 | 136 | 421630 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.504 | 164 | 271578 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.263 | 188 | 541181 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.345 | 240 | 467436 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.756 | 264 | 409974 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.452 | 112 | 861848 | 151.005 | ng | | 0.00 |
| 7) Phenol-d6 | 7.046 | 99 | 1090310 | 134.563 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.034 | 82 | 782736 | 87.770 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.998 | 330 | 434251 | 141.259 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.134 | 172 | 1667597 | 87.147 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.816 | 244 | 2397850 | 96.353 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.358 | 88 | 94983 | 39.189 | ng | | 98 |
| 3) Pyridine | 3.758 | 79 | 243305 | 35.845 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.663 | 42 | 206872 | 49.984 | ng | | 92 |
| 6) Aniline | 7.199 | 93 | 385978 | 40.490 | ng | | 99 |
| 8) 2-Chlorophenol | 7.434 | 128 | 317170 | 49.237 | ng | | 96 |
| 9) Benzaldehyde | 7.010 | 77 | 50030m | 9.383 | ng | | |
| 10) Phenol | 7.069 | 94 | 411776 | 49.144 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.299 | 93 | 304597 | 45.867 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.763 | 146 | 347882 | 46.599 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.904 | 146 | 353539 | 46.217 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.222 | 146 | 337453 | 46.081 | ng | | 99 |
| 15) Benzyl Alcohol | 8.116 | 79 | 314553m | 48.428 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.404 | 45 | 551803 | 44.444 | ng | | 99 |
| 17) 2-Methylphenol | 8.316 | 107 | 269875 | 47.992 | ng | | 98 |
| 18) Hexachloroethane | 8.951 | 117 | 137528 | 46.478 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.681 | 70 | 263394 | 44.569 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.646 | 107 | 365978 | 47.346 | ng | | 98 |
| 22) Acetophenone | 8.698 | 105 | 492626 | 44.802 | ng | # | 98 |
| 24) Nitrobenzene | 9.075 | 77 | 405241 | 44.978 | ng | | 99 |
| 25) Isophorone | 9.604 | 82 | 682825 | 45.833 | ng | | 99 |
| 26) 2-Nitrophenol | 9.787 | 139 | 168284 | 47.926 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.851 | 122 | 297072 | 56.921 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.081 | 93 | 405639 | 49.288 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 304701 | 48.564 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.540 | 180 | 333585 | 45.199 | ng | | 99 |
| 31) Naphthalene | 10.722 | 128 | 972658 | 43.790 | ng | | 99 |
| 32) Benzoic acid | 10.004 | 122 | 182027 | 44.263 | ng | | 98 |
| 33) 4-Chloroaniline | 10.840 | 127 | 164540 | 19.176 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.010 | 225 | 217238 | 43.598 | ng | | 97 |
| 35) Caprolactam | 11.622 | 113 | 90815 | 50.145 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.963 | 107 | 355292 | 49.701 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.334 | 142 | 681975 | 44.003 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.551 | 142 | 662201 | 43.751 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.704 | 216 | 379549 | 44.926 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.681 | 237 | 497615 | 110.647 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.939 | 196 | 252979 | 47.966 | ng | | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.016 | 196 | 274321 | 45.984 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.339 | 154 | 921215 | 45.478 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.381 | 162 | 713466 | 44.810 | ng | 98 |
| 48) 2-Nitroaniline | 13.586 | 65 | 265236 | 48.064 | ng | 94 |
| 49) Acenaphthylene | 14.228 | 152 | 1189527 | 48.639 | ng | 100 |
| 50) Dimethylphthalate | 13.969 | 163 | 887559 | 45.402 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.081 | 165 | 199331 | 47.948 | ng | 95 |
| 52) Acenaphthene | 14.569 | 154 | 670781 | 44.675 | ng | 98 |
| 53) 3-Nitroaniline | 14.416 | 138 | 128242 | 31.497 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.622 | 184 | 229985 | 88.845 | ng | 97 |
| 55) Dibenzofuran | 14.904 | 168 | 1098138 | 46.250 | ng | 98 |
| 56) 4-Nitrophenol | 14.728 | 139 | 325950 | 94.473 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.875 | 165 | 272379 | 50.334 | ng | 96 |
| 58) Fluorene | 15.557 | 166 | 886141 | 45.651 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.133 | 232 | 234406 | 45.837 | ng | 98 |
| 60) Diethylphthalate | 15.333 | 149 | 902917 | 46.398 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.551 | 204 | 455042 | 46.640 | ng | 98 |
| 62) 4-Nitroaniline | 15.580 | 138 | 185494 | 43.036 | ng | 99 |
| 63) Azobenzene | 15.845 | 77 | 961183 | 46.767 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.639 | 198 | 144708 | 42.671 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.769 | 169 | 766555 | 47.042 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.445 | 248 | 272796 | 46.336 | ng | 95 |
| 68) Hexachlorobenzene | 16.569 | 284 | 299487 | 46.054 | ng | 99 |
| 69) Atrazine | 16.722 | 200 | 270643 | 51.206 | ng | 97 |
| 70) Pentachlorophenol | 16.916 | 266 | 369215 | 98.907 | ng | 99 |
| 71) Phenanthrene | 17.304 | 178 | 1363272 | 45.935 | ng | 100 |
| 72) Anthracene | 17.392 | 178 | 1363967 | 47.996 | ng | 100 |
| 73) Carbazole | 17.669 | 167 | 1210521 | 50.120 | ng | 99 |
| 74) Di-n-butylphthalate | 18.216 | 149 | 1459274 | 47.525 | ng | 100 |
| 75) Fluoranthene | 19.269 | 202 | 1497432 | 46.454 | ng | 98 |
| 77) Benzidine | 19.451 | 184 | 489391 | 54.503 | ng | 99 |
| 78) Pyrene | 19.621 | 202 | 1541369 | 47.317 | ng | 99 |
| 80) Butylbenzylphthalate | 20.492 | 149 | 600026 | 46.769 | ng | 98 |
| 81) Benzo(a)anthracene | 21.333 | 228 | 1415846 | 46.165 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.263 | 252 | 390106 | 46.380 | ng | 97 |
| 83) Chrysene | 21.386 | 228 | 1320702 | 43.904 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.257 | 149 | 845290 | 46.741 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.186 | 149 | 1365207 | 45.299 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.274 | 276 | 1383177 | 46.280 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.027 | 252 | 1347010 | 52.184 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.074 | 252 | 1264907 | 48.341 | ng | 100 |
| 90) Benzo(a)pyrene | 23.657 | 252 | 1233660 | 57.779 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.298 | 278 | 1238177 | 49.533 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.045 | 276 | 1246052 | 50.140 | ng | 99 |

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

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