Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025473.D
Acq On : 19 Aug 2025 12:47
Operator : CG/JU
Sample : PB169244BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 13:10:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB169244BSD

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.790 | 152 | 172374 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.555 | 136 | 704478 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.401 | 164 | 488785 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.207 | 188 | 1043571 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.654 | 240 | 1070063 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.030 | 264 | 1176738 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.408 | 112 | 1466573 | 141.294 | ng | | 0.00 |
| 7) Phenol-d6 | 6.972 | 99 | 1870146 | 140.533 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.931 | 82 | 1177998 | 84.587 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.919 | 330 | 948405 | 144.154 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.013 | 172 | 2831786 | 79.179 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.925 | 244 | 4922368 | 84.162 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.331 | 88 | 158108 | 38.889 | ng | | 99 |
| 3) Pyridine | 3.726 | 79 | 436550 | 39.230 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.631 | 42 | 221517 | 48.284 | ng | | 97 |
| 6) Aniline | 7.119 | 93 | 672688 | 37.518 | ng | | 99 |
| 8) 2-Chlorophenol | 7.367 | 128 | 584248 | 49.881 | ng | | 100 |
| 9) Benzaldehyde | 6.937 | 77 | 263740 | 28.288 | ng | | 98 |
| 10) Phenol | 6.996 | 94 | 701844 | 50.262 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.214 | 93 | 510577 | 46.912 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.684 | 146 | 601240 | 46.552 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.825 | 146 | 610323 | 46.233 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.137 | 146 | 589005 | 46.093 | ng | | 99 |
| 15) Benzyl Alcohol | 8.025 | 79 | 504404 | 47.704 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.308 | 45 | 689083 | 47.263 | ng | | 98 |
| 17) 2-Methylphenol | 8.225 | 107 | 482348 | 49.736 | ng | | 99 |
| 18) Hexachloroethane | 8.861 | 117 | 227208 | 46.811 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.584 | 70 | 393822 | 44.678 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.549 | 107 | 660509 | 49.134 | ng | | 97 |
| 22) Acetophenone | 8.596 | 105 | 819556 | 46.389 | ng | # | 99 |
| 24) Nitrobenzene | 8.972 | 77 | 591064 | 47.489 | ng | | 99 |
| 25) Isophorone | 9.496 | 82 | 1134513 | 46.032 | ng | | 98 |
| 26) 2-Nitrophenol | 9.678 | 139 | 314959 | 49.309 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.737 | 122 | 558293 | 50.825 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.966 | 93 | 698931 | 46.914 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.208 | 162 | 564908 | 51.769 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.419 | 180 | 553924 | 46.307 | ng | | 99 |
| 31) Naphthalene | 10.608 | 128 | 1710559 | 46.717 | ng | | 99 |
| 32) Benzoic acid | 9.896 | 122 | 439462 | 54.190 | ng | | 98 |
| 33) 4-Chloroaniline | 10.708 | 127 | 440457 | 27.233 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.896 | 225 | 342743 | 46.008 | ng | | 98 |
| 35) Caprolactam | 11.502 | 113 | 210088m | 52.506 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.837 | 107 | 646361 | 51.621 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.213 | 142 | 1107270 | 46.469 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.431 | 142 | 1168249 | 46.102 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.584 | 216 | 626241 | 44.362 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.566 | 237 | 771660 | 90.496 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.825 | 196 | 479514 | 50.315 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.896 | 196 | 536382 | 51.353 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.225 | 154 | 1638603 | 46.160 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.266 | 162 | 1259783 | 45.586 | ng | 98 |
| 48) 2-Nitroaniline | 13.466 | 65 | 415059 | 51.546 | ng | 98 |
| 49) Acenaphthylene | 14.125 | 152 | 2177367 | 47.615 | ng | 100 |
| 50) Dimethylphthalate | 13.854 | 163 | 1738994 | 48.585 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.966 | 165 | 395341 | 52.404 | ng | 98 |
| 52) Acenaphthene | 14.472 | 154 | 1220137 | 45.457 | ng | 99 |
| 53) 3-Nitroaniline | 14.296 | 138 | 300405 | 35.392 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.513 | 184 | 495694 | 123.038 | ng | 99 |
| 55) Dibenzofuran | 14.813 | 168 | 2007042 | 47.295 | ng | 100 |
| 56) 4-Nitrophenol | 14.625 | 139 | 746663 | 107.051 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.766 | 165 | 583246 | 54.187 | ng | 99 |
| 58) Fluorene | 15.466 | 166 | 1589403 | 47.465 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.037 | 232 | 472386 | 51.220 | ng | 100 |
| 60) Diethylphthalate | 15.243 | 149 | 1844493 | 50.715 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.460 | 204 | 789982 | 47.436 | ng | 98 |
| 62) 4-Nitroaniline | 15.484 | 138 | 442261 | 50.825 | ng | 99 |
| 63) Azobenzene | 15.754 | 77 | 1593888 | 51.181 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.548 | 198 | 340236 | 52.303 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.678 | 169 | 1483025 | 46.603 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.372 | 248 | 531300 | 46.291 | ng | 96 |
| 68) Hexachlorobenzene | 16.495 | 284 | 616466 | 46.335 | ng | 98 |
| 69) Atrazine | 16.660 | 200 | 590070 | 49.512 | ng | 97 |
| 70) Pentachlorophenol | 16.848 | 266 | 843937 | 100.486 | ng | 97 |
| 71) Phenanthrene | 17.254 | 178 | 2687053 | 46.873 | ng | 99 |
| 72) Anthracene | 17.348 | 178 | 2780840 | 47.501 | ng | 100 |
| 73) Carbazole | 17.619 | 167 | 2645585 | 47.978 | ng | 99 |
| 74) Di-n-butylphthalate | 18.213 | 149 | 3375219 | 49.751 | ng | 100 |
| 75) Fluoranthene | 19.336 | 202 | 3282061 | 47.997 | ng | 99 |
| 77) Benzidine | 19.519 | 184 | 1590772 | 43.560 | ng | 100 |
| 78) Pyrene | 19.713 | 202 | 3315062 | 47.664 | ng | 100 |
| 80) Butylbenzylphthalate | 20.654 | 149 | 1618023 | 51.331 | ng | 98 |
| 81) Benzo(a)anthracene | 21.630 | 228 | 3439380 | 48.736 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.548 | 252 | 816647 | 30.701 | ng | 99 |
| 83) Chrysene | 21.701 | 228 | 3127598 | 47.324 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.566 | 149 | 2323944 | 50.084 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.860 | 149 | 4076449 | 51.076 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.859 | 276 | 3998661m | 46.336 | ng | |
| 88) Benzo(b)fluoranthene | 23.954 | 252 | 3354449 | 48.343 | ng | 100 |
| 89) Benzo(k)fluoranthene | 24.019 | 252 | 3390357 | 48.827 | ng | 99 |
| 90) Benzo(a)pyrene | 24.854 | 252 | 3251341 | 48.136 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.971 | 278 | 3297613 | 46.760 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 30.054 | 276 | 3230088 | 46.595 | ng | 98 |

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

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