Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025424.D
Acq On : 15 Aug 2025 11:59
Operator : CG/JU
Sample : PB169230BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 12:24:12 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 :**
PB169230BS

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.790 | 152 | 169971 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.555 | 136 | 670319 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.396 | 164 | 424018 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.190 | 188 | 812951 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.642 | 240 | 911094 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.019 | 264 | 1094193 | 20.000 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.408 | 112 | 1156544 | 113.000 | ng | | 0.00 |
| 7) Phenol-d6 | 6.972 | 99 | 1449790 | 110.485 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.931 | 82 | 922542 | 69.619 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.907 | 330 | 632733 | 110.863 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.013 | 172 | 2128772 | 68.614 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.919 | 244 | 3276717 | 65.800 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.331 | 88 | 178151 | 44.438 | ng | | 99 |
| 3) Pyridine | 3.726 | 79 | 351940 | 32.073 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.631 | 42 | 183440 | 40.550 | ng | | 97 |
| 6) Aniline | 7.125 | 93 | 575167 | 32.532 | ng | | 98 |
| 8) 2-Chlorophenol | 7.361 | 128 | 461335 | 39.944 | ng | | 99 |
| 9) Benzaldehyde | 6.937 | 77 | 219291 | 23.853 | ng | | 95 |
| 10) Phenol | 6.996 | 94 | 556276 | 40.400 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.219 | 93 | 398485 | 37.131 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.684 | 146 | 486604 | 38.209 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.825 | 146 | 493901 | 37.943 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.137 | 146 | 473554 | 37.582 | ng | | 98 |
| 15) Benzyl Alcohol | 8.019 | 79 | 400986 | 38.459 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.308 | 45 | 537421 | 37.382 | ng | | 98 |
| 17) 2-Methylphenol | 8.225 | 107 | 379222 | 39.655 | ng | | 99 |
| 18) Hexachloroethane | 8.861 | 117 | 185309 | 38.719 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.584 | 70 | 306664 | 35.282 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.543 | 107 | 514736 | 38.831 | ng | | 97 |
| 22) Acetophenone | 8.596 | 105 | 645991 | 38.428 | ng | # | 98 |
| 24) Nitrobenzene | 8.972 | 77 | 470422 | 39.722 | ng | | 98 |
| 25) Isophorone | 9.496 | 82 | 867444 | 36.989 | ng | | 99 |
| 26) 2-Nitrophenol | 9.672 | 139 | 238004 | 39.160 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.737 | 122 | 426335 | 40.790 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.966 | 93 | 533145 | 37.610 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.208 | 162 | 430899 | 41.501 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.419 | 180 | 439417 | 38.606 | ng | | 99 |
| 31) Naphthalene | 10.608 | 128 | 1343452 | 38.560 | ng | | 99 |
| 32) Benzoic acid | 9.878 | 122 | 306370 | 39.703 | ng | | 98 |
| 33) 4-Chloroaniline | 10.702 | 127 | 385406 | 25.043 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.896 | 225 | 272129 | 38.391 | ng | | 98 |
| 35) Caprolactam | 11.490 | 113 | 146622 | 38.511 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.831 | 107 | 486472 | 40.832 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.213 | 142 | 864478 | 38.128 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.431 | 142 | 898180 | 37.251 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.578 | 216 | 483197 | 39.457 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.566 | 237 | 636193 | 86.005 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.819 | 196 | 343891 | 41.596 | ng | | 99 |

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Quant Time: Aug 15 12:24:12 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.890 | 196 | 381721 | 42.128 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.225 | 154 | 1235911 | 40.134 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.266 | 162 | 949832 | 39.620 | ng | 99 |
| 48) 2-Nitroaniline | 13.460 | 65 | 296397 | 42.432 | ng | 99 |
| 49) Acenaphthylene | 14.119 | 152 | 1568169 | 39.531 | ng | 100 |
| 50) Dimethylphthalate | 13.849 | 163 | 1223759 | 39.412 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.960 | 165 | 270344 | 41.309 | ng | 93 |
| 52) Acenaphthene | 14.460 | 154 | 911236 | 39.134 | ng | 99 |
| 53) 3-Nitroaniline | 14.290 | 138 | 223962 | 30.416 | ng | 95 |
| 54) 2,4-Dinitrophenol | 14.501 | 184 | 319395 | 91.387 | ng | 97 |
| 55) Dibenzofuran | 14.796 | 168 | 1435621 | 38.997 | ng | 98 |
| 56) 4-Nitrophenol | 14.607 | 139 | 509537 | 84.213 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.754 | 165 | 389153 | 41.677 | ng | 97 |
| 58) Fluorene | 15.460 | 166 | 1123848 | 38.689 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232 | 327248 | 40.903 | ng | 99 |
| 60) Diethylphthalate | 15.231 | 149 | 1237967 | 39.238 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.454 | 204 | 548873 | 37.992 | ng | 98 |
| 62) 4-Nitroaniline | 15.466 | 138 | 293368 | 38.864 | ng | 95 |
| 63) Azobenzene | 15.748 | 77 | 1081923 | 40.048 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.531 | 198 | 215285 | 42.483 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.666 | 169 | 1020090 | 41.149 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.366 | 248 | 357730 | 40.010 | ng | 98 |
| 68) Hexachlorobenzene | 16.484 | 284 | 421113 | 40.631 | ng | 97 |
| 69) Atrazine | 16.648 | 200 | 371199 | 39.983 | ng | 99 |
| 70) Pentachlorophenol | 16.831 | 266 | 569065 | 86.979 | ng | 99 |
| 71) Phenanthrene | 17.237 | 178 | 1834594 | 41.081 | ng | 99 |
| 72) Anthracene | 17.325 | 178 | 1867641 | 40.953 | ng | 99 |
| 73) Carbazole | 17.601 | 167 | 1745068 | 40.625 | ng | 99 |
| 74) Di-n-butylphthalate | 18.207 | 149 | 2153331 | 40.744 | ng | 100 |
| 75) Fluoranthene | 19.319 | 202 | 2161988 | 40.586 | ng | 99 |
| 77) Benzidine | 19.513 | 184 | 1323440 | 42.563 | ng | 99 |
| 78) Pyrene | 19.695 | 202 | 2262750 | 38.210 | ng | 100 |
| 80) Butylbenzylphthalate | 20.654 | 149 | 1053807 | 39.265 | ng | 99 |
| 81) Benzo(a)anthracene | 21.625 | 228 | 2464717 | 41.019 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.536 | 252 | 686690 | 30.320 | ng | 99 |
| 83) Chrysene | 21.695 | 228 | 2304341 | 40.951 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.578 | 149 | 1594510 | 40.360 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.860 | 149 | 2830250 | 41.649 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.848 | 276 | 3386531 | 42.203 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.936 | 252 | 2671223 | 41.401 | ng | 99 |
| 89) Benzo(k)fluoranthene | 24.024 | 252 | 2607648 | 40.388 | ng | 100 |
| 90) Benzo(a)pyrene | 24.866 | 252 | 2585640 | 41.168 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.936 | 278 | 2746421 | 41.882 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 30.036 | 276 | 2695674m | 41.819 | ng | |

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

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