Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025313.D
Acq On : 07 Aug 2025 14:28
Operator : CG/JU
Sample : Q2763-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 07 14:46:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
TP-2MS

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.802 | 152 | 221339 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.572 | 136 | 916218 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.419 | 164 | 588971 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.213 | 188 | 1201001 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.660 | 240 | 1176296 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.036 | 264 | 1330316 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.414 | 112 | 1562859 | 113.565 | ng | 0.00 |
| 7) Phenol-d6 | 6.972 | 99 | 1900658 | 104.942 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.943 | 82 | 1314181 | 79.465 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.931 | 330 | 834058 | 141.951 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.031 | 172 | 3029872 | 71.054 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.942 | 244 | 4718093 | 75.759 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.349 | 88 | 181515 | 33.424 | ng | # 68 |
| 3) Pyridine | 3.737 | 79 | 496876 | 32.931 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.643 | 42 | 249221 | 35.578 | ng | 95 |
| 6) Aniline | 7.137 | 93 | 544442 | 21.898 | ng | 97 |
| 8) 2-Chlorophenol | 7.372 | 128 | 639740 | 42.469 | ng | 99 |
| 9) Benzaldehyde | 6.949 | 77 | 281865 | 21.912 | ng | 96 |
| 10) Phenol | 6.996 | 94 | 721038 | 37.208 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.231 | 93 | 572421 | 37.700 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.696 | 146 | 637576 | 37.668 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.837 | 146 | 648981 | 37.899 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.155 | 146 | 627169 | 37.808 | ng | 99 |
| 15) Benzyl Alcohol | 8.031 | 79 | 567057 | 40.391 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.331 | 45 | 835634 | 34.839 | ng | 99 |
| 17) 2-Methylphenol | 8.231 | 107 | 537504 | 41.453 | ng | 99 |
| 18) Hexachloroethane | 8.878 | 117 | 231212 | 37.755 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.596 | 70 | 449798 | 37.799 | ng | 98 |
| 20) 3+4-Methylphenols | 8.549 | 107 | 727470 | 40.742 | ng | 97 |
| 22) Acetophenone | 8.608 | 105 | 918172 | 39.920 | ng | 99 |
| 24) Nitrobenzene | 8.984 | 77 | 648775 | 41.442 | ng | 95 |
| 25) Isophorone | 9.508 | 82 | 1319191 | 40.073 | ng | 100 |
| 26) 2-Nitrophenol | 9.684 | 139 | 319115 | 46.886 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.749 | 122 | 641648 | 42.277 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.984 | 93 | 809246 | 40.410 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.219 | 162 | 626440 | 47.145 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.437 | 180 | 588995 | 40.179 | ng | 99 |
| 31) Naphthalene | 10.625 | 128 | 1900022 | 39.947 | ng | 100 |
| 32) Benzoic acid | 9.866 | 122 | 454934 | 51.160 | ng | 98 |
| 33) 4-Chloroaniline | 10.719 | 127 | 211234 | 9.986 | ng | 99 |
| 34) Hexachlorobutadiene | 10.919 | 225 | 336435 | 39.981 | ng | 97 |
| 35) Caprolactam | 11.484 | 113 | 209611 | 40.664 | ng | 93 |
| 36) 4-Chloro-3-methylphenol | 11.837 | 107 | 718893 | 46.757 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.231 | 142 | 1269364 | 41.232 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.449 | 142 | 1319234 | 41.069 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.602 | 216 | 668645 | 41.583 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.590 | 237 | 499288 | 50.310 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.831 | 196 | 509284 | 49.029 | ng | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.907 | 196 | 581255 | 49.882 | ng | | 100 |
| 46) 1,1'-Biphenyl | 13.249 | 154 | 1829065 | 42.140 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.284 | 162 | 1388405 | 41.928 | ng | | 98 |
| 48) 2-Nitroaniline | 13.478 | 65 | 461747 | 47.626 | ng | | 94 |
| 49) Acenaphthylene | 14.131 | 152 | 2376665 | 43.028 | ng | | 99 |
| 50) Dimethylphthalate | 13.872 | 163 | 1922717 | 44.782 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.984 | 165 | 405340 | 51.182 | ng | | 92 |
| 52) Acenaphthene | 14.478 | 154 | 1478244 | 43.875 | ng | | 99 |
| 53) 3-Nitroaniline | 14.307 | 138 | 251805 | 27.172 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.507 | 184 | 151365 | 46.627 | ng | # | 59 |
| 55) Dibenzofuran | 14.819 | 168 | 2165553 | 43.011 | ng | | 100 |
| 56) 4-Nitrophenol | 14.619 | 139 | 766453 | 93.714 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.772 | 165 | 573519 | 46.803 | ng | | 99 |
| 58) Fluorene | 15.478 | 166 | 1725371 | 43.631 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.048 | 232 | 494062 | 50.758 | ng | | 98 |
| 60) Diethylphthalate | 15.260 | 149 | 1989777 | 45.968 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.484 | 204 | 814050 | 43.423 | ng | | 98 |
| 62) 4-Nitroaniline | 15.490 | 138 | 421374 | 45.890 | ng | | 97 |
| 63) Azobenzene | 15.778 | 77 | 1753016 | 43.594 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.548 | 198 | 146153 | 32.045 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.695 | 169 | 1612540 | 44.097 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248 | 538797 | 44.587 | ng | | 96 |
| 68) Hexachlorobenzene | 16.507 | 284 | 600933 | 44.319 | ng | | 98 |
| 69) Atrazine | 16.678 | 200 | 582911 | 45.327 | ng | | 99 |
| 70) Pentachlorophenol | 16.854 | 266 | 857117 | 99.219 | ng | | 100 |
| 71) Phenanthrene | 17.260 | 178 | 2887546 | 43.897 | ng | | 99 |
| 72) Anthracene | 17.360 | 178 | 2959175 | 44.616 | ng | | 100 |
| 73) Carbazole | 17.625 | 167 | 2824703 | 44.366 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.237 | 149 | 3542540 | 45.993 | ng | | 99 |
| 75) Fluoranthene | 19.336 | 202 | 3339110 | 43.850 | ng | | 99 |
| 77) Benzidine | 19.536 | 184 | 1085842 | 25.504 | ng | | 99 |
| 78) Pyrene | 19.713 | 202 | 3424311 | 43.777 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.683 | 149 | 1623760 | 51.184 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.642 | 228 | 3395999 | 43.445 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.566 | 252 | 975536 | 35.372 | ng | | 99 |
| 83) Chrysene | 21.713 | 228 | 3183194 | 43.906 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.607 | 149 | 2409679 | 47.570 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.913 | 149 | 4124691 | 48.647 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.877 | 276 | 4138140m | 43.399 | ng | | |
| 88) Benzo(b)fluoranthene | 23.983 | 252 | 3378818 | 42.429 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 24.048 | 252 | 3381495 | 42.834 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.883 | 252 | 3316495 | 43.245 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.995 | 278 | 3417760 | 43.766 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 30.089 | 276 | 3304761 | 43.119 | ng | | 99 |

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

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