Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026039.D
Acq On : 30 Oct 2025 11:15
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 30 12:41:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.678 | 152 | 280604 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.449 | 136 | 1128649 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.307 | 164 | 707800 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.119 | 188 | 1418803 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.577 | 240 | 1511217 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.901 | 264 | 1625760 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.296 | 112 | 1387183 | 81.574 | ng | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 1759757 | 81.303 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.819 | 82 | 1530296 | 84.525 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.825 | 330 | 638841 | 83.487 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 4004406 | 81.295 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.860 | 244 | 6035163 | 81.137 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.237 | 88 | 294706 | 41.109 | ng | 99 |
| 3) Pyridine | 3.625 | 79 | 830810 | 40.767 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.537 | 42 | 327688 | 40.119 | ng | 99 |
| 6) Aniline | 7.013 | 93 | 1165590 | 40.350 | ng | 100 |
| 8) 2-Chlorophenol | 7.249 | 128 | 761619 | 40.445 | ng | 98 |
| 9) Benzaldehyde | 6.825 | 77 | 434004 | 38.573 | ng | 98 |
| 10) Phenol | 6.878 | 94 | 969129 | 40.331 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.108 | 93 | 761692 | 40.166 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.572 | 146 | 874339 | 40.430 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.713 | 146 | 881775 | 40.328 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.025 | 146 | 840270 | 40.273 | ng | 99 |
| 15) Benzyl Alcohol | 7.913 | 79 | 611235 | 39.172 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.202 | 45 | 1129141 | 39.397 | ng | 99 |
| 17) 2-Methylphenol | 8.107 | 107 | 639558 | 40.646 | ng | 99 |
| 18) Hexachloroethane | 8.755 | 117 | 302447 | 40.423 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.478 | 70 | 551327 | 41.034 | ng | 100 |
| 20) 3+4-Methylphenols | 8.431 | 107 | 867573 | 39.634 | ng | 99 |
| 22) Acetophenone | 8.484 | 105 | 1158478 | 40.585 | ng | 100 |
| 24) Nitrobenzene | 8.860 | 77 | 805808 | 42.154 | ng | 99 |
| 25) Isophorone | 9.384 | 82 | 1565736 | 40.404 | ng | 99 |
| 26) 2-Nitrophenol | 9.566 | 139 | 270435 | 38.969 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 664927 | 40.803 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.866 | 93 | 992102 | 40.623 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 716320 | 41.631 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.313 | 180 | 770124 | 41.179 | ng | 99 |
| 31) Naphthalene | 10.502 | 128 | 2517121 | 40.897 | ng | 100 |
| 32) Benzoic acid | 9.737 | 122 | 340315 | 37.627 | ng | 93 |
| 33) 4-Chloroaniline | 10.596 | 127 | 985002 | 41.648 | ng | 99 |
| 34) Hexachlorobutadiene | 10.796 | 225 | 488259 | 41.083 | ng | 99 |
| 35) Caprolactam | 11.349 | 113 | 242516 | 40.137 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 11.719 | 107 | 748192 | 41.480 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 1749924 | 40.623 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 1713086 | 40.934 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 900603 | 40.951 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 308571 | 38.348 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 544851 | 41.914 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.790 | 196 | 618469 | 41.696 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.131 | 154 | 2189844 | 40.406 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.172 | 162 | 1727355 | 40.509 | ng | 99 |
| 48) 2-Nitroaniline | 13.366 | 65 | 416997 | 38.606 | ng | 97 |
| 49) Acenaphthylene | 14.025 | 152 | 2545640 | 40.959 | ng | 100 |
| 50) Dimethylphthalate | 13.760 | 163 | 2083950 | 40.477 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.872 | 165 | 369131 | 38.999 | ng | 97 |
| 52) Acenaphthene | 14.372 | 154 | 1751906 | 41.060 | ng | 100 |
| 53) 3-Nitroaniline | 14.201 | 138 | 458705 | 40.012 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.407 | 184 | 132236 | 38.351 | ng | 96 |
| 55) Dibenzofuran | 14.713 | 168 | 2612023 | 40.520 | ng | 100 |
| 56) 4-Nitrophenol | 14.507 | 139 | 387193 | 37.715 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.666 | 165 | 543018 | 39.067 | ng | 97 |
| 58) Fluorene | 15.378 | 166 | 2047888 | 40.550 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.942 | 232 | 486362 | 41.703 | ng | 100 |
| 60) Diethylphthalate | 15.160 | 149 | 2057780 | 39.757 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.378 | 204 | 1004103 | 39.813 | ng | 98 |
| 62) 4-Nitroaniline | 15.378 | 138 | 484176 | 44.010 | ng | 98 |
| 63) Azobenzene | 15.672 | 77 | 1909013 | 40.697 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.442 | 198 | 208024 | 38.703 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.589 | 169 | 1773887 | 39.988 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.289 | 248 | 630337 | 40.051 | ng | 99 |
| 68) Hexachlorobenzene | 16.407 | 284 | 726440 | 40.547 | ng | 100 |
| 69) Atrazine | 16.578 | 200 | 593858 | 39.684 | ng | 98 |
| 70) Pentachlorophenol | 16.754 | 266 | 429716 | 39.267 | ng | 99 |
| 71) Phenanthrene | 17.166 | 178 | 3349295 | 40.558 | ng | 100 |
| 72) Anthracene | 17.254 | 178 | 3324791 | 40.616 | ng | 100 |
| 73) Carbazole | 17.536 | 167 | 3170495 | 40.916 | ng | 100 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 3468314 | 40.001 | ng | 100 |
| 75) Fluoranthene | 19.260 | 202 | 3898871 | 40.473 | ng | 99 |
| 77) Benzidine | 19.448 | 184 | 1503860 | 39.205 | ng | 100 |
| 78) Pyrene | 19.636 | 202 | 4160171 | 40.702 | ng | 100 |
| 80) Butylbenzylphthalate | 20.607 | 149 | 1323012 | 35.613 | ng | 100 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 4241528 | 40.844 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.477 | 252 | 1343349 | 40.149 | ng | 100 |
| 83) Chrysene | 21.624 | 228 | 3991308 | 40.574 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.530 | 149 | 2163572 | 36.199 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.819 | 149 | 3303174 | 36.718 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.671 | 276 | 5019364m | 41.819 | ng | |
| 88) Benzo(b)fluoranthene | 23.848 | 252 | 4231748 | 41.929 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.924 | 252 | 4233673 | 41.079 | ng | 99 |
| 90) Benzo(a)pyrene | 24.754 | 252 | 3870587 | 41.745 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.789 | 278 | 4102608 | 42.003 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.842 | 276 | 3910516 | 41.605 | ng | 99 |

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

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