Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025845.D
Acq On : 24 Sep 2025 14:41
Operator : CG/JU
Sample : Q3159-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 15:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
VNJ-245MSD

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 09/25/2025
Supervised By :Jagrut Upadhyay 09/25/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.743 | 152 | 152433 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.513 | 136 | 642516 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.372 | 164 | 449880 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.178 | 188 | 981325 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.619 | 240 | 971996 | 20.000 | ng | | -0.02 |
| 86) Perylene-d12 | 24.977 | 264 | 1089001 | 20.000 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.384 | 112 | 789261 | 83.546 | ng | | 0.00 |
| 7) Phenol-d6 | 6.955 | 99 | 1071951 | 85.368 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.890 | 82 | 638880 | 43.861 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.889 | 330 | 505896 | 90.156 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 12.984 | 172 | 1486713 | 44.002 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.901 | 244 | 2643241 | 48.922 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.302 | 88 | 151194 | 38.132 | ng | | 97 |
| 3) Pyridine | 3.702 | 79 | 421056 | 38.566 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.608 | 42 | 206365 | 40.057 | ng | | 88 |
| 6) Aniline | 7.084 | 93 | 426583 | 24.748 | ng | | 99 |
| 8) 2-Chlorophenol | 7.331 | 128 | 513522 | 49.550 | ng | | 98 |
| 9) Benzaldehyde | 6.902 | 77 | 290760 | 38.632 | ng | | 99 |
| 10) Phenol | 6.978 | 94 | 654088 | 49.401 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.178 | 93 | 477622 | 44.899 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.637 | 146 | 528794 | 44.831 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.784 | 146 | 549703 | 45.751 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.096 | 146 | 527885 | 45.225 | ng | | 98 |
| 15) Benzyl Alcohol | 7.990 | 79 | 481357 | 46.391 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.260 | 45 | 734247 | 42.207 | ng | | 98 |
| 17) 2-Methylphenol | 8.202 | 107 | 439962 | 49.286 | ng | | 99 |
| 18) Hexachloroethane | 8.813 | 117 | 205716 | 44.824 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.549 | 70 | 387626 | 44.259 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.531 | 107 | 595930 | 47.668 | ng | | 98 |
| 22) Acetophenone | 8.560 | 105 | 842940 | 49.093 | ng | # | 99 |
| 24) Nitrobenzene | 8.937 | 77 | 575680 | 44.056 | ng | | 97 |
| 25) Isophorone | 9.460 | 82 | 1121036 | 43.787 | ng | | 99 |
| 26) 2-Nitrophenol | 9.637 | 139 | 289604 | 49.918 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.707 | 122 | 496294 | 48.762 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.925 | 93 | 678294 | 45.833 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.190 | 162 | 511824 | 50.437 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.384 | 180 | 525655 | 45.962 | ng | | 99 |
| 31) Naphthalene | 10.566 | 128 | 1558447 | 44.983 | ng | | 99 |
| 32) Benzoic acid | 9.907 | 122 | 449198 | 59.362 | ng | | 97 |
| 33) 4-Chloroaniline | 10.684 | 127 | 256373 | 17.754 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.843 | 225 | 334592 | 45.447 | ng | | 100 |
| 35) Caprolactam | 11.490 | 113 | 189259 | 48.381 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.831 | 107 | 595223 | 49.198 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.178 | 142 | 1041680 | 46.813 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.395 | 142 | 1090767 | 45.968 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.548 | 216 | 702193 | 51.509 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.525 | 237 | 522588 | 70.384 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.801 | 196 | 450018 | 50.214 | ng | | 98 |

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Quant Time: Sep 24 15:03:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.895 | 196 | 495149 | 49.643 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.195 | 154 | 1677730 | 50.807 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.242 | 162 | 1197961 | 46.074 | ng | | 98 |
| 48) 2-Nitroaniline | 13.448 | 65 | 403742 | 46.582 | ng | | 97 |
| 49) Acenaphthylene | 14.089 | 152 | 2034141 | 47.217 | ng | | 100 |
| 50) Dimethylphthalate | 13.825 | 163 | 1560647 | 45.438 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.948 | 165 | 357875 | 49.180 | ng | | 94 |
| 52) Acenaphthene | 14.437 | 154 | 1128044 | 45.404 | ng | | 100 |
| 53) 3-Nitroaniline | 14.289 | 138 | 218551 | 28.560 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.501 | 184 | 435998 | 91.419 | ng | | 99 |
| 55) Dibenzofuran | 14.778 | 168 | 1852056 | 45.739 | ng | | 98 |
| 56) 4-Nitrophenol | 14.654 | 139 | 548930 | 83.114 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.748 | 165 | 517775 | 49.997 | ng | | 94 |
| 58) Fluorene | 15.436 | 166 | 1509318 | 46.876 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232 | 452737 | 50.389 | ng | | 96 |
| 60) Diethylphthalate | 15.201 | 149 | 1657757 | 47.582 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.431 | 204 | 767272 | 47.284 | ng | | 96 |
| 62) 4-Nitroaniline | 15.472 | 138 | 395195 | 50.411 | ng | | 96 |
| 63) Azobenzene | 15.731 | 77 | 1660111 | 49.280 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198 | 316584 | 48.510 | ng | | 87 |
| 66) n-Nitrosodiphenylamine | 15.654 | 169 | 1381799 | 46.013 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.348 | 248 | 526507 | 48.838 | ng | | 96 |
| 68) Hexachlorobenzene | 16.472 | 284 | 583506 | 48.535 | ng | | 94 |
| 69) Atrazine | 16.631 | 200 | 579205 | 50.457 | ng | | 97 |
| 70) Pentachlorophenol | 16.831 | 266 | 732463 | 92.311 | ng | | 99 |
| 71) Phenanthrene | 17.225 | 178 | 2565970 | 46.095 | ng | | 100 |
| 72) Anthracene | 17.313 | 178 | 2601847 | 46.066 | ng | | 100 |
| 73) Carbazole | 17.595 | 167 | 2446842 | 46.598 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.183 | 149 | 3090974 | 47.967 | ng | | 100 |
| 75) Fluoranthene | 19.307 | 202 | 3226908 | 48.335 | ng | | 99 |
| 77) Benzidine | 19.507 | 184 | 1606932 | 57.393 | ng | | 100 |
| 78) Pyrene | 19.683 | 202 | 3376227 | 52.057 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.630 | 149 | 1457356 | 51.248 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.601 | 228 | 3179373 | 47.778 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.524 | 252 | 806783 | 35.064 | ng | | 100 |
| 83) Chrysene | 21.671 | 228 | 3027196 | 47.722 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.536 | 149 | 2097741 | 50.421 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.807 | 149 | 3628821 | 49.034 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.818 | 276 | 3757549 | 47.447 | ng | # | 85 |
| 88) Benzo(b)fluoranthene | 23.930 | 252 | 3204787 | 48.124 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.995 | 252 | 3196181 | 47.034 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.818 | 252 | 3053629 | 46.823 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.895 | 278 | 3043235 | 46.958 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.012 | 276 | 3057868m | 47.979 | ng | | |

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

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