Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025849.D
Acq On : 24 Sep 2025 17:27
Operator : CG/JU
Sample : Q3159-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 17:48:31 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 | 150985 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.519 | 136 | 645546 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.366 | 164 | 478188 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.166 | 188 | 1037234 | 20.000 | ng | -0.02 |
| 76) Chrysene-d12 | 21.624 | 240 | 1040995 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 25.001 | 264 | 1160188 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.384 | 112 | 1167943 | 124.816 | ng | 0.00 |
| 7) Phenol-d6 | 6.949 | 99 | 1458576 | 117.272 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.896 | 82 | 1054995 | 72.089 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.884 | 330 | 853749 | 143.140 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 12.978 | 172 | 2503557 | 69.711 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.901 | 244 | 4759926 | 82.258 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.314 | 88 | 130969 | 33.348 | ng | # 90 |
| 3) Pyridine | 3.714 | 79 | 384767 | 35.580 | ng | 93 |
| 4) n-Nitrosodimethylamine | 3.608 | 42 | 189330 | 37.103 | ng | 92 |
| 6) Aniline | 7.084 | 93 | 472421 | 27.670 | ng | 99 |
| 8) 2-Chlorophenol | 7.331 | 128 | 477271 | 46.494 | ng | 98 |
| 9) Benzaldehyde | 6.902 | 77 | 253759 | 34.040 | ng | 98 |
| 10) Phenol | 6.978 | 94 | 558300 | 42.571 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.178 | 93 | 437899 | 41.560 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.637 | 146 | 466755 | 39.951 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.784 | 146 | 481294 | 40.442 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.096 | 146 | 469356 | 40.597 | ng | 98 |
| 15) Benzyl Alcohol | 7.990 | 79 | 477063 | 46.418 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.260 | 45 | 665987 | 38.650 | ng | 99 |
| 17) 2-Methylphenol | 8.202 | 107 | 419298 | 47.421 | ng | 99 |
| 18) Hexachloroethane | 8.813 | 117 | 176591 | 38.847 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.543 | 70 | 383981 | 44.263 | ng | 96 |
| 20) 3+4-Methylphenols | 8.531 | 107 | 570146 | 46.042 | ng | 98 |
| 22) Acetophenone | 8.560 | 105 | 818788 | 47.462 | ng | 98 |
| 24) Nitrobenzene | 8.937 | 77 | 547817 | 41.727 | ng | 96 |
| 25) Isophorone | 9.460 | 82 | 1143703 | 44.462 | ng | 99 |
| 26) 2-Nitrophenol | 9.643 | 139 | 273735 | 46.961 | ng | 92 |
| 27) 2,4-Dimethylphenol | 9.713 | 122 | 486438 | 47.569 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.925 | 93 | 661390 | 44.481 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.196 | 162 | 505030 | 49.533 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.378 | 180 | 481804 | 41.930 | ng | 99 |
| 31) Naphthalene | 10.566 | 128 | 1456671 | 41.848 | ng | 99 |
| 32) Benzoic acid | 9.890 | 122 | 251511 | 33.082 | ng | 97 |
| 33) 4-Chloroaniline | 10.690 | 127 | 189055 | 13.031 | ng | 99 |
| 34) Hexachlorobutadiene | 10.849 | 225 | 300253 | 40.591 | ng | 99 |
| 35) Caprolactam | 11.496 | 113 | 183615 | 46.718 | ng | 88 |
| 36) 4-Chloro-3-methylphenol | 11.831 | 107 | 619015 | 50.924 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.172 | 142 | 1021603 | 45.696 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.396 | 142 | 1066658 | 44.741 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.548 | 216 | 676601 | 46.693 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.525 | 237 | 457844 | 58.014 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.795 | 196 | 452503 | 47.502 | ng | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025849.D
Acq On : 24 Sep 2025 17:27
Operator : CG/JU
Sample : Q3159-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

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

Quant Time: Sep 24 17:48:31 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 | 12.890 | 196 | 513411 | 48.427 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.190 | 154 | 1687672 | 48.083 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.237 | 162 | 1197506 | 43.330 | ng | 99 |
| 48) 2-Nitroaniline | 13.443 | 65 | 439058 | 47.658 | ng | 97 |
| 49) Acenaphthylene | 14.084 | 152 | 2094972 | 45.750 | ng | 100 |
| 50) Dimethylphthalate | 13.825 | 163 | 1694777 | 46.422 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.942 | 165 | 381088 | 49.269 | ng | 96 |
| 52) Acenaphthene | 14.431 | 154 | 1157463 | 43.831 | ng | 99 |
| 53) 3-Nitroaniline | 14.278 | 138 | 222207 | 27.319 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.501 | 184 | 310385 | 62.821 | ng | 95 |
| 55) Dibenzofuran | 14.772 | 168 | 1922737 | 44.674 | ng | 98 |
| 56) 4-Nitrophenol | 14.642 | 139 | 521276 | 74.733 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.742 | 165 | 562467 | 51.097 | ng | 95 |
| 58) Fluorene | 15.431 | 166 | 1569329 | 45.855 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.013 | 232 | 492372 | 51.556 | ng | 95 |
| 60) Diethylphthalate | 15.201 | 149 | 1778056 | 48.014 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.425 | 204 | 795001 | 46.092 | ng | 96 |
| 62) 4-Nitroaniline | 15.460 | 138 | 420600 | 50.475 | ng | 96 |
| 63) Azobenzene | 15.719 | 77 | 1643925 | 45.910 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.525 | 198 | 284850 | 41.295 | ng | 92 |
| 66) n-Nitrosodiphenylamine | 15.642 | 169 | 1476551 | 46.517 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.331 | 248 | 546270 | 47.940 | ng | 99 |
| 68) Hexachlorobenzene | 16.454 | 284 | 613440 | 48.275 | ng | 95 |
| 69) Atrazine | 16.619 | 200 | 603812 | 49.765 | ng | 97 |
| 70) Pentachlorophenol | 16.819 | 266 | 788852 | 94.059 | ng | 99 |
| 71) Phenanthrene | 17.207 | 178 | 2724134 | 46.299 | ng | 99 |
| 72) Anthracene | 17.307 | 178 | 2833340 | 47.461 | ng | 100 |
| 73) Carbazole | 17.583 | 167 | 2666782 | 48.049 | ng | 100 |
| 74) Di-n-butylphthalate | 18.172 | 149 | 3367792 | 49.446 | ng | 99 |
| 75) Fluoranthene | 19.301 | 202 | 3265093 | 46.270 | ng | 100 |
| 77) Benzidine | 19.507 | 184 | 1158586 | 38.637 | ng | 100 |
| 78) Pyrene | 19.677 | 202 | 3442157 | 49.556 | ng | 99 |
| 80) Butylbenzylphthalate | 20.624 | 149 | 1550443 | 50.908 | ng | 98 |
| 81) Benzo(a)anthracene | 21.601 | 228 | 3343813 | 46.919 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.530 | 252 | 872446 | 35.404 | ng | 99 |
| 83) Chrysene | 21.677 | 228 | 3154974 | 46.440 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.530 | 149 | 2275342 | 51.065 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.813 | 149 | 3949392 | 49.828 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.824 | 276 | 4158636m | 49.290 | ng | |
| 88) Benzo(b)fluoranthene | 23.924 | 252 | 3317387 | 46.758 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.989 | 252 | 3406768 | 47.056 | ng | 99 |
| 90) Benzo(a)pyrene | 24.836 | 252 | 3239085 | 46.620 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.901 | 278 | 3446264 | 49.914 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 30.018 | 276 | 3153303 | 46.441 | ng | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025849.D
Acq On : 24 Sep 2025 17:27
Operator : CG/JU
Sample : Q3159-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 17:48:31 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