Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024739.D
Acq On : 21 May 2025 16:09
Operator : RC/JU
Sample : PB168095BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168095BS

Quant Time: May 21 16:30:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.652 | 152 | 131263 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.416 | 136 | 507114 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.281 | 164 | 323292 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.081 | 188 | 610169 | 20.000 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.516 | 240 | 717958 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.780 | 264 | 839311 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.287 | 112 | 965182 | 125.764 | ng | | 0.00 |
| 7) Phenol-d6 | 6.858 | 99 | 1137106 | 116.093 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.805 | 82 | 699190 | 69.664 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.804 | 330 | 787700 | 143.722 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.893 | 172 | 1874636 | 75.969 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.804 | 244 | 3387954 | 80.914 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.223 | 88 | 110320 | 30.613 | ng | | 97 |
| 3) Pyridine | 3.617 | 79 | 262732 | 32.879 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.529 | 42 | 143737 | 40.745 | ng | # | 88 |
| 6) Aniline | 6.993 | 93 | 295742 | 23.386 | ng | | 99 |
| 8) 2-Chlorophenol | 7.234 | 128 | 389118 | 44.663 | ng | | 97 |
| 9) Benzaldehyde | 6.811 | 77 | 209277 | 33.006 | ng | | 98 |
| 10) Phenol | 6.881 | 94 | 407641 | 40.323 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.087 | 93 | 315913 | 38.030 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.546 | 146 | 410772 | 40.981 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.687 | 146 | 421630 | 41.823 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.999 | 146 | 399363 | 40.654 | ng | | 99 |
| 15) Benzyl Alcohol | 7.899 | 79 | 294271 | 39.535 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.169 | 45 | 345225 | 34.702 | ng | | 98 |
| 17) 2-Methylphenol | 8.111 | 107 | 289936 | 39.987 | ng | | 98 |
| 18) Hexachloroethane | 8.717 | 117 | 157212 | 40.694 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.458 | 70 | 235766 | 34.797 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.440 | 107 | 395800 | 40.129 | ng | | 99 |
| 22) Acetophenone | 8.469 | 105 | 527509 | 41.643 | ng | | 99 |
| 24) Nitrobenzene | 8.846 | 77 | 353263 | 39.996 | ng | | 95 |
| 25) Isophorone | 9.364 | 82 | 639758 | 36.747 | ng | | 97 |
| 26) 2-Nitrophenol | 9.546 | 139 | 208499 | 48.175 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.622 | 122 | 337320 | 44.206 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.840 | 93 | 416471 | 40.040 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.099 | 162 | 339875 | 45.963 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.287 | 180 | 372619 | 44.717 | ng | | 97 |
| 31) Naphthalene | 10.469 | 128 | 1105720 | 42.076 | ng | | 100 |
| 32) Benzoic acid | 9.805 | 122 | 215476 | 41.720 | ng | | 94 |
| 33) 4-Chloroaniline | 10.599 | 127 | 183013 | 17.258 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.752 | 225 | 251681 | 46.624 | ng | | 97 |
| 35) Caprolactam | 11.393 | 113 | 111155 | 41.548 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.734 | 107 | 394581 | 43.757 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.081 | 142 | 727486 | 42.753 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.305 | 142 | 761870 | 41.846 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.458 | 216 | 433678 | 46.195 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.434 | 237 | 597042 | 104.881 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.710 | 196 | 294212 | 48.384 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024739.D
Acq On : 21 May 2025 16:09
Operator : RC/JU
Sample : PB168095BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168095BS

Quant Time: May 21 16:30:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.799 | 196 | 323501 | 47.794 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.105 | 154 | 1055344 | 44.166 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.146 | 162 | 800541 | 43.939 | ng | | 99 |
| 48) 2-Nitroaniline | 13.363 | 65 | 233432 | 43.276 | ng | | 94 |
| 49) Acenaphthylene | 13.999 | 152 | 1285084 | 42.149 | ng | | 99 |
| 50) Dimethylphthalate | 13.740 | 163 | 1036305 | 42.055 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.863 | 165 | 226632 | 43.548 | ng | | 95 |
| 52) Acenaphthene | 14.346 | 154 | 750344 | 42.809 | ng | | 99 |
| 53) 3-Nitroaniline | 14.210 | 138 | 123077 | 23.162 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.416 | 184 | 269469 | 81.945 | ng | | 98 |
| 55) Dibenzofuran | 14.687 | 168 | 1204737 | 43.091 | ng | | 98 |
| 56) 4-Nitrophenol | 14.557 | 139 | 373188 | 81.061 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.663 | 165 | 339037 | 46.210 | ng | | 98 |
| 58) Fluorene | 15.346 | 166 | 988457 | 43.359 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.934 | 232 | 294256 | 46.864 | ng | | 96 |
| 60) Diethylphthalate | 15.122 | 149 | 1084714 | 43.553 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.340 | 204 | 503437 | 44.282 | ng | | 98 |
| 62) 4-Nitroaniline | 15.387 | 138 | 223919m | 43.642 | ng | | |
| 63) Azobenzene | 15.640 | 77 | 857948 | 40.268 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.446 | 198 | 182840 | 46.391 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.563 | 169 | 863879 | 46.093 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.251 | 248 | 354483 | 49.303 | ng | | 96 |
| 68) Hexachlorobenzene | 16.375 | 284 | 443741 | 48.570 | ng | | 94 |
| 69) Atrazine | 16.546 | 200 | 327372 | 47.663 | ng | | 99 |
| 70) Pentachlorophenol | 16.734 | 266 | 565169 | 110.201 | ng | | 98 |
| 71) Phenanthrene | 17.122 | 178 | 1491730 | 43.978 | ng | | 100 |
| 72) Anthracene | 17.216 | 178 | 1532702 | 44.911 | ng | | 100 |
| 73) Carbazole | 17.504 | 167 | 1395438 | 45.176 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.087 | 149 | 1879200 | 47.305 | ng | | 100 |
| 75) Fluoranthene | 19.210 | 202 | 1856015 | 46.809 | ng | | 98 |
| 77) Benzidine | 19.410 | 184 | 773167 | 39.540 | ng | | 99 |
| 78) Pyrene | 19.587 | 202 | 1888163 | 43.892 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.539 | 149 | 891758 | 46.611 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.492 | 228 | 2014036 | 44.675 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.422 | 252 | 550613 | 32.884 | ng | | 100 |
| 83) Chrysene | 21.563 | 228 | 1886331 | 44.140 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.428 | 149 | 1312376 | 46.669 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.675 | 149 | 2208309 | 48.022 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.504 | 276 | 2788355 | 45.506 | ng | # | 88 |
| 88) Benzo(b)fluoranthene | 23.757 | 252 | 2155576 | 44.870 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.822 | 252 | 2228869 | 45.025 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.633 | 252 | 2097566 | 45.462 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.563 | 278 | 2306937 | 46.279 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.651 | 276 | 2222348 | 44.831 | ng | | 97 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024739.D
Acq On : 21 May 2025 16:09
Operator : RC/JU
Sample : PB168095BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168095BS

Quant Time: May 21 16:30:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration