Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025639.D
Acq On : 02 Sep 2025 15:29
Operator : CG/JU
Sample : PB169509BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB169509BS

Quant Time: Sep 02 15:56:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.772 | 152 | 152115 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.537 | 136 | 600808 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.384 | 164 | 368837 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.189 | 188 | 714401 | 20.000 | ng | | #-0.01 |
| 76) Chrysene-d12 | 21.642 | 240 | 768674 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.007 | 264 | 928875 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.402 | 112 | 1371676 | 149.751 | ng | | 0.00 |
| 7) Phenol-d6 | 6.966 | 99 | 1700587 | 144.811 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.913 | 82 | 1094334 | 92.138 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.907 | 330 | 742148 | 149.489 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.995 | 172 | 2466735 | 91.402 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.913 | 244 | 3677187 | 87.523 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.320 | 88 | 146592 | 40.858 | ng | | 96 |
| 3) Pyridine | 3.720 | 79 | 421780 | 42.950 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.619 | 42 | 227490 | 56.190 | ng | | 92 |
| 6) Aniline | 7.108 | 93 | 628548 | 39.725 | ng | | 97 |
| 8) 2-Chlorophenol | 7.349 | 128 | 565018 | 54.663 | ng | | 99 |
| 9) Benzaldehyde | 6.925 | 77 | 224883 | 27.333 | ng | | 97 |
| 10) Phenol | 6.990 | 94 | 668343 | 54.237 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.202 | 93 | 491019 | 51.124 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.666 | 146 | 580720 | 50.952 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.808 | 146 | 596806 | 51.230 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.119 | 146 | 570203 | 50.564 | ng | | 98 |
| 15) Benzyl Alcohol | 8.008 | 79 | 489235 | 52.431 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.290 | 45 | 687670 | 53.448 | ng | | 99 |
| 17) 2-Methylphenol | 8.219 | 107 | 453215 | 52.956 | ng | | 100 |
| 18) Hexachloroethane | 8.843 | 117 | 217357 | 50.746 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.566 | 70 | 379022 | 48.726 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.543 | 107 | 605077 | 51.005 | ng | | 96 |
| 22) Acetophenone | 8.584 | 105 | 797209 | 52.911 | ng | # | 98 |
| 24) Nitrobenzene | 8.955 | 77 | 582293 | 54.857 | ng | | 98 |
| 25) Isophorone | 9.484 | 82 | 1073571 | 51.075 | ng | | 98 |
| 26) 2-Nitrophenol | 9.660 | 139 | 296187 | 54.371 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.725 | 122 | 505200 | 53.927 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.949 | 93 | 650018 | 51.159 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.201 | 162 | 497597 | 53.469 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.402 | 180 | 530538 | 52.005 | ng | | 98 |
| 31) Naphthalene | 10.584 | 128 | 1630681 | 52.220 | ng | | 99 |
| 32) Benzoic acid | 9.890 | 122 | 361971 | 52.336 | ng | | 93 |
| 33) 4-Chloroaniline | 10.696 | 127 | 374230 | 27.130 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.872 | 225 | 334252 | 52.610 | ng | | 98 |
| 35) Caprolactam | 11.496 | 113 | 173544 | 50.856 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.837 | 107 | 569622 | 53.342 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.201 | 142 | 1030400 | 50.704 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.419 | 142 | 1075133 | 49.748 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.572 | 216 | 594650 | 55.823 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.548 | 237 | 639649 | 99.410 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.813 | 196 | 403270 | 56.075 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.890 | 196 | 437531 | 55.512 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.213 | 154 | 1451547 | 54.188 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.254 | 162 | 1115158 | 53.476 | ng | 100 |
| 48) 2-Nitroaniline | 13.454 | 65 | 353592 | 58.193 | ng | 95 |
| 49) Acenaphthylene | 14.107 | 152 | 1839877 | 53.319 | ng | 99 |
| 50) Dimethylphthalate | 13.842 | 163 | 1427474 | 52.851 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.954 | 165 | 314757 | 55.290 | ng | 93 |
| 52) Acenaphthene | 14.454 | 154 | 1052625 | 51.970 | ng | 99 |
| 53) 3-Nitroaniline | 14.290 | 138 | 244495 | 38.173 | ng | 95 |
| 54) 2,4-Dinitrophenol | 14.513 | 184 | 357187 | 117.491 | ng | 97 |
| 55) Dibenzofuran | 14.795 | 168 | 1687600 | 52.700 | ng | 99 |
| 56) 4-Nitrophenol | 14.631 | 139 | 521090 | 99.006 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.760 | 165 | 451951 | 55.644 | ng | 96 |
| 58) Fluorene | 15.460 | 166 | 1345007 | 53.229 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232 | 393054 | 56.478 | ng | 98 |
| 60) Diethylphthalate | 15.231 | 149 | 1443541 | 52.599 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.448 | 204 | 664994 | 52.917 | ng | 99 |
| 62) 4-Nitroaniline | 15.478 | 138 | 340564 | 51.866 | ng | 96 |
| 63) Azobenzene | 15.742 | 77 | 1292122 | 54.985 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.548 | 198 | 251522 | 56.481 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.672 | 169 | 1181357 | 54.228 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.360 | 248 | 431806 | 54.957 | ng | 99 |
| 68) Hexachlorobenzene | 16.484 | 284 | 505823 | 55.536 | ng | 96 |
| 69) Atrazine | 16.648 | 200 | 440305 | 53.969 | ng | 98 |
| 70) Pentachlorophenol | 16.842 | 266 | 645405 | 112.255 | ng | 97 |
| 71) Phenanthrene | 17.236 | 178 | 2116037 | 53.920 | ng | 99 |
| 72) Anthracene | 17.331 | 178 | 2140982 | 53.422 | ng | 100 |
| 73) Carbazole | 17.607 | 167 | 2047578 | 54.243 | ng | 99 |
| 74) Di-n-butylphthalate | 18.201 | 149 | 2452631 | 52.809 | ng | 100 |
| 75) Fluoranthene | 19.319 | 202 | 2471220 | 52.791 | ng | 99 |
| 77) Benzidine | 19.513 | 184 | 1078098 | 41.097 | ng | 99 |
| 78) Pyrene | 19.695 | 202 | 2557273 | 51.185 | ng | 100 |
| 80) Butylbenzylphthalate | 20.642 | 149 | 1188440 | 52.486 | ng | 100 |
| 81) Benzo(a)anthracene | 21.624 | 228 | 2705961 | 53.378 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.536 | 252 | 744906 | 38.984 | ng | 99 |
| 83) Chrysene | 21.695 | 228 | 2572771 | 54.192 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.548 | 149 | 1719073 | 51.574 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.830 | 149 | 3151883 | 54.976 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.842 | 276 | 3616115 | 53.085 | ng | 96 |
| 88) Benzo(b)fluoranthene | 23.942 | 252 | 2901172 | 52.967 | ng | 98 |
| 89) Benzo(k)fluoranthene | 24.013 | 252 | 2945110 | 53.733 | ng | 99 |
| 90) Benzo(a)pyrene | 24.848 | 252 | 2860094 | 53.643 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.930 | 278 | 2948244 | 52.961 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 30.036 | 276 | 2837245 | 51.849 | ng | 99 |

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

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