Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
Data File : BP025748.D
Acq On : 15 Sep 2025 11:48
Operator : CG/JU
Sample : PB169526BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB169526BL

Quant Time: Sep 15 12:32:53 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) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.778 | 152 | 81 | 20.000 | ng | # 0.02 |
| 21) Naphthalene-d8 | 10.554 | 136 | 26 | 20.000 | ng | # 0.03 |
| 39) Acenaphthene-d10 | 14.660 | 164 | 11 | 20.000 | ng | 0.28 |
| 64) Phenanthrene-d10 | 17.519 | 188 | 11 | 20.000 | ng | # 0.34 |
| 76) Chrysene-d12 | 22.036 | 240 | 68 | 20.000 | ng | # 0.39 |
| 86) Perylene-d12 | 25.471 | 264 | 95 | 20.000 | ng | # 0.47 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.378 | 112 | 1158190 | 230715.535 | ng | 0.00 |
| 7) Phenol-d6 | 6.943 | 99 | 1469992 | 220306.494 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.902 | 82 | 963096 | 1633965.242 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0 | 0.000 | ng | |
| 45) 2-Fluorobiphenyl | 12.984 | 172 | 2101744 | 2544076.443 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.260 | 244 | 1111 | 293.923 | ng | 0.35 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.337 | 88 | 278 | 131.946 | ng | # 11 |
| 3) Pyridine | 3.725 | 79 | 180 | 31.026 | ng | # 1 |
| 4) n-Nitrosodimethylamine | 3.608 | 42 | 335 | 122.372 | ng | # 1 |
| 6) Aniline | 7.131 | 93 | 224 | 24.455 | ng | # 5 |
| 8) 2-Chlorophenol | 7.355 | 128 | 90 | 16.343 | ng | 89 |
| 9) Benzaldehyde | 6.937 | 77 | 2751 | 687.862 | ng | # 6 |
| 10) Phenol | 6.737 | 94 | 20 | 2.843 | ng | 75 |
| 11) bis(2-Chloroethyl)ether | 7.355 | 93 | 54 | 9.553 | ng | 85 |
| 13) 1,4-Dichlorobenzene | 7.807 | 146 | 21 | 3.289 | ng | # 80 |
| 15) Benzyl Alcohol | 8.025 | 79 | 58 | 10.519 | ng | # 45 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.302 | 45 | 68 | 7.356 | ng | # 1 |
| 17) 2-Methylphenol | 8.196 | 107 | 101 | 21.292 | ng | # 1 |
| 18) Hexachloroethane | 8.837 | 117 | 39 | 15.992 | ng | # 10 |
| 20) 3+4-Methylphenols | 8.519 | 107 | 31 | 4.666 | ng | # 1 |
| 22) Acetophenone | 8.590 | 105 | 124 | 178.464 | ng | # 1 |
| 24) Nitrobenzene | 9.037 | 77 | 118 | 223.159 | ng | # 51 |
| 25) Isophorone | 9.496 | 82 | 168 | 162.160 | ng | # 73 |
| 26) 2-Nitrophenol | 9.660 | 139 | 19 | 80.932 | ng | # 1 |
| 27) 2,4-Dimethylphenol | 9.578 | 122 | 19 | 46.132 | ng | 84 |
| 28) bis(2-Chloroethoxy)met... | 9.990 | 93 | 27 | 45.085 | ng | # 79 |
| 29) 2,4-Dichlorophenol | 10.219 | 162 | 23 | 56.010 | ng | # 1 |
| 30) 1,2,4-Trichlorobenzene | 10.313 | 180 | 15 | 32.412 | ng | 98 |
| 31) Naphthalene | 10.607 | 128 | 75 | 53.497 | ng | # 80 |
| 32) Benzoic acid | 9.913 | 122 | 6 | 19.595 | ng | # 1 |
| 33) 4-Chloroaniline | 10.725 | 127 | 7 | 11.979 | ng | # 1 |
| 34) Hexachlorobutadiene | 10.901 | 225 | 12 | 40.279 | ng | # 67 |
| 35) Caprolactam | 11.519 | 113 | 6 | 37.904 | ng | # 65 |
| 36) 4-Chloro-3-methylphenol | 12.048 | 107 | 10 | 20.426 | ng | 85 |
| 37) 2-Methylnaphthalene | 12.207 | 142 | 42 | 46.644 | ng | # 84 |
| 38) 1-Methylnaphthalene | 12.431 | 142 | 14 | 14.580 | ng | # 27 |
| 40) 1,2,4,5-Tetrachloroben... | 12.795 | 216 | 12 | 36.000 | ng | # 43 |
| 41) Hexachlorocyclopentadiene | 12.643 | 237 | 10 | 55.083 | ng | 79 |
| 43) 2,4,6-Trichlorophenol | 13.043 | 196 | 9 | 41.072 | ng | # 31 |
| 44) 2,4,5-Trichlorophenol | 13.113 | 196 | 34 | 139.415 | ng | # 64 |
| 46) 1,1'-Biphenyl | 13.448 | 154 | 17 | 21.055 | ng | # 25 |
| 47) 2-Chloronaphthalene | 13.519 | 162 | 23 | 36.178 | ng | 93 |

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|---|---|---|---|---|---|---|---|
| 48) 2-Nitroaniline | 13.731 | 65 | 63 | 297.276 | ng | # | 42 |
| 49) Acenaphthylene | 14.372 | 152 | 15 | 14.240 | ng | # | 1 |
| 50) Dimethylphthalate | 14.113 | 163 | 16 | 19.052 | ng | # | 58 |
| 51) 2,6-Dinitrotoluene | 14.219 | 165 | 13 | 73.064 | ng | # | 1 |
| 52) Acenaphthene | 14.731 | 154 | 9 | 14.816 | ng | # | 3 |
| 53) 3-Nitroaniline | 14.578 | 138 | 23 | 122.926 | ng | # | 18 |
| 54) 2,4-Dinitrophenol | 14.789 | 184 | 2 | 21.070 | ng | # | 1 |
| 55) Dibenzofuran | 15.066 | 168 | 5 | 5.050 | ng | # | 15 |
| 56) 4-Nitrophenol | 14.878 | 139 | 29 | 174.379 | ng | # | 70 |
| 57) 2,4-Dinitrotoluene | 15.042 | 165 | 105 | 414.665 | ng | # | 32 |
| 58) Fluorene | 15.884 | 166 | 24018 | 30507.798 | ng | # | 82 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.319 | 232 | 34 | 154.765 | ng | # | 37 |
| 60) Diethylphthalate | 15.531 | 149 | 54 | 63.390 | ng | # | 1 |
| 61) 4-Chlorophenyl-phenyle... | 15.636 | 204 | 18 | 45.367 | ng | | 91 |
| 62) 4-Nitroaniline | 15.684 | 138 | 12 | 62.603 | ng | | 87 |
| 63) Azobenzene | 16.054 | 77 | 176 | 213.672 | ng | # | 68 |
| 65) 4,6-Dinitro-2-methylph... | 15.884 | 198 | 1696 | 23184.048 | ng | # | 1 |
| 66) n-Nitrosodiphenylamine | 15.884 | 169 | 20654 | 61355.783 | ng | # | 47 |
| 67) 4-Bromophenyl-phenylether | 16.672 | 248 | 20 | 165.502 | ng | | 97 |
| 68) Hexachlorobenzene | 16.778 | 284 | 66 | 489.752 | ng | # | 53 |
| 69) Atrazine | 17.101 | 200 | 32 | 248.689 | ng | | 80 |
| 70) Pentachlorophenol | 17.195 | 266 | 35 | 393.512 | ng | | 94 |
| 71) Phenanthrene | 17.548 | 178 | 52 | 83.335 | ng | # | 30 |
| 72) Anthracene | 17.648 | 178 | 46 | 72.657 | ng | # | 1 |
| 73) Carbazole | 17.930 | 167 | 8 | 13.592 | ng | # | 1 |
| 74) Di-n-butylphthalate | 18.542 | 149 | 156 | 215.970 | ng | # | 1 |
| 75) Fluoranthene | 19.901 | 202 | 14864 | 19862.207 | ng | | 93 |
| 77) Benzidine | 19.895 | 184 | 62199 | 31754.211 | ng | # | 94 |
| 78) Pyrene | 19.901 | 202 | 14864 | 3275.947 | ng | # | 73 |
| 80) Butylbenzylphthalate | 20.995 | 149 | 824 | 414.187 | ng | # | 42 |
| 81) Benzo(a)anthracene | 22.001 | 228 | 68 | 14.607 | ng | # | 80 |
| 82) 3,3'-Dichlorobenzidine | 21.942 | 252 | 222 | 137.914 | ng | # | 51 |
| 83) Chrysene | 22.101 | 228 | 32 | 7.211 | ng | # | 45 |
| 84) Bis(2-ethylhexyl)phtha... | 21.930 | 149 | 402 | 138.115 | ng | # | 87 |
| 85) Di-n-octyl phthalate | 23.236 | 149 | 479 | 92.516 | ng | # | 1 |
| 87) Indeno(1,2,3-cd)pyrene | 29.383 | 276 | 46 | 6.658 | ng | # | 1 |
| 88) Benzo(b)fluoranthene | 24.389 | 252 | 268 | 46.132 | ng | # | 1 |
| 89) Benzo(k)fluoranthene | 24.418 | 252 | 68 | 11.471 | ng | # | 1 |
| 90) Benzo(a)pyrene | 25.312 | 252 | 83 | 14.589 | ng | # | 1 |
| 91) Dibenzo(a,h)anthracene | 29.453 | 278 | 32 | 5.660 | ng | # | 1 |
| 92) Benzo(g,h,i)perylene | 30.577 | 276 | 31 | 5.576 | ng | # | 68 |

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

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