Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
Data File : BF142775.D
Acq On : 18 Jun 2025 13:16
Operator : RC/JU
Sample : PB168505BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB168505BS

Quant Time: Jun 18 14:29:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.886 | 152 | 81144 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.169 | 136 | 313547 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 9.927 | 164 | 171493 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 297764 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.063 | 240 | 180043 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.551 | 264 | 177074 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 642728 | 134.903 | ng | | 0.01 |
| 7) Phenol-d6 | 6.516 | 99 | 771821 | 137.654 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 480756 | 83.913 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 252842 | 134.523 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.245 | 172 | 1056545 | 81.851 | ng | | -0.01 |
| 79) Terphenyl-d14 | 13.004 | 244 | 1040355 | 79.362 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.740 | 88 | 74572 | 39.550 | ng | | 98 |
| 3) Pyridine | 3.498 | 79 | 207094 | 43.804 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.451 | 42 | 119981 | 49.601 | ng | | 98 |
| 6) Aniline | 6.545 | 93 | 268193 | 35.738 | ng | # | 88 |
| 8) 2-Chlorophenol | 6.669 | 128 | 251296 | 48.265 | ng | | 100 |
| 9) Benzaldehyde | 6.434 | 77 | 160795 | 46.309 | ng | | 99 |
| 10) Phenol | 6.534 | 94 | 294467 | 47.248 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.622 | 93 | 219469 | 47.146 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.828 | 146 | 269109 | 45.290 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.904 | 146 | 275083 | 45.809 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.051 | 146 | 262483 | 45.600 | ng | | 99 |
| 15) Benzyl Alcohol | 7.028 | 79 | 205058 | 48.387 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157 | 45 | 347100 | 47.358 | ng | | 97 |
| 17) 2-Methylphenol | 7.139 | 107 | 193901 | 48.579 | ng | | 99 |
| 18) Hexachloroethane | 7.398 | 117 | 96483 | 44.834 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 165914 | 46.481 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 241587 | 48.009 | ng | | 97 |
| 22) Acetophenone | 7.292 | 105 | 324787 | 46.567 | ng | | 95 |
| 24) Nitrobenzene | 7.469 | 77 | 243375 | 47.863 | ng | | 98 |
| 25) Isophorone | 7.710 | 82 | 445423 | 45.918 | ng | | 99 |
| 26) 2-Nitrophenol | 7.786 | 139 | 135453 | 47.732 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 231910 | 47.999 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.916 | 93 | 280246 | 46.532 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 211297 | 47.388 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 228090 | 46.293 | ng | | 100 |
| 31) Naphthalene | 8.192 | 128 | 725594 | 46.792 | ng | | 100 |
| 32) Benzoic acid | 7.945 | 122 | 133411 | 49.030 | ng | | 100 |
| 33) 4-Chloroaniline | 8.239 | 127 | 141096 | 22.662 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.304 | 225 | 140810 | 44.847 | ng | | 100 |
| 35) Caprolactam | 8.610 | 113 | 66251m | 55.044 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 222768 | 48.048 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.880 | 142 | 453908 | 46.246 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.980 | 142 | 471310 | 46.353 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 228887 | 46.114 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.033 | 237 | 286982 | 90.085 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 155222 | 48.311 | ng | | 99 |

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Quant Time: Jun 18 14:29:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.204 | 196 | 166627 | 48.016 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.345 | 154 | 626959 | 47.081 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 460694 | 46.958 | ng | 99 |
| 48) 2-Nitroaniline | 9.469 | 65 | 139312 | 49.926 | ng | 99 |
| 49) Acenaphthylene | 9.792 | 152 | 786712 | 47.558 | ng | 100 |
| 50) Dimethylphthalate | 9.651 | 163 | 546748 | 47.743 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 120652 | 48.747 | ng | 92 |
| 52) Acenaphthene | 9.963 | 154 | 536473 | 52.306 | ng | 100 |
| 53) 3-Nitroaniline | 9.880 | 138 | 73550 | 27.397 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.992 | 184 | 143372 | 105.748 | ng | 91 |
| 55) Dibenzofuran | 10.133 | 168 | 688889 | 47.168 | ng | 99 |
| 56) 4-Nitrophenol | 10.045 | 139 | 196655 | 108.007 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 166124 | 50.764 | ng | 95 |
| 58) Fluorene | 10.480 | 166 | 542310 | 47.021 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 137884 | 47.228 | ng | 98 |
| 60) Diethylphthalate | 10.351 | 149 | 548034 | 48.261 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 258555 | 45.904 | ng | 99 |
| 62) 4-Nitroaniline | 10.498 | 138 | 126267 | 52.574 | ng | 100 |
| 63) Azobenzene | 10.627 | 77 | 475219 | 47.917 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198 | 89835 | 48.178 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 476429 | 46.548 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 162420 | 46.211 | ng | 97 |
| 68) Hexachlorobenzene | 11.027 | 284 | 178602 | 45.778 | ng | 98 |
| 69) Atrazine | 11.116 | 200 | 150200 | 55.042 | ng | 99 |
| 70) Pentachlorophenol | 11.222 | 266 | 199885 | 97.737 | ng | 99 |
| 71) Phenanthrene | 11.439 | 178 | 763726 | 47.875 | ng | 100 |
| 72) Anthracene | 11.492 | 178 | 772918 | 46.837 | ng | 99 |
| 73) Carbazole | 11.645 | 167 | 704704 | 51.010 | ng | 100 |
| 74) Di-n-butylphthalate | 11.974 | 149 | 803587 | 52.092 | ng | 100 |
| 75) Fluoranthene | 12.633 | 202 | 762235 | 50.250 | ng | 99 |
| 77) Benzidine | 12.751 | 184 | 299880 | 46.769 | ng | 99 |
| 78) Pyrene | 12.863 | 202 | 764552 | 45.696 | ng | 100 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 277467 | 56.080 | ng | 99 |
| 81) Benzo(a)anthracene | 14.051 | 228 | 590561 | 49.499 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 81013 | 21.057 | ng | 98 |
| 83) Chrysene | 14.086 | 228 | 533597 | 48.441 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 364277 | 49.059 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.651 | 149 | 602523 | 42.295 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.068 | 276 | 599869 | 45.714 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.115 | 252 | 521786 | 50.045 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.145 | 252 | 490802 | 48.516 | ng | 100 |
| 90) Benzo(a)pyrene | 15.492 | 252 | 492846 | 49.715 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.086 | 278 | 494234 | 46.127 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.527 | 276 | 486563 | 45.667 | ng | 98 |

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

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