Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144379.D
Acq On : 27 Nov 2025 00:14
Operator : RC/JU
Sample : Q3721-01MSD 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
EO-2-112525MSD

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 27 00:56:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 64037 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.145 | 136 | 209162 | 20.000 | ng | | #-0.01 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 101219 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 186802 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.045 | 240 | 162725 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 127672 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 61576 | 15.047 | ng | | 0.00 |
| 7) Phenol-d6 | 6.493 | 99 | 72331 | 15.600 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 40062 | 11.062 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 16470 | 12.967 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 75893 | 11.074 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.980 | 244 | 96513 | 9.421 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.593 | 88 | 10815 | 6.393 | ng | | 95 |
| 3) Pyridine | 3.387 | 79 | 27563 | 5.840 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.305 | 42 | 14796 | 6.001 | ng | # | 77 |
| 6) Aniline | 6.522 | 93 | 32758 | 4.959 | ng | # | 81 |
| 8) 2-Chlorophenol | 6.651 | 128 | 28800 | 7.176 | ng | | 96 |
| 9) Benzaldehyde | 6.416 | 77 | 16115 | 6.155 | ng | # | 86 |
| 10) Phenol | 6.510 | 94 | 41611 | 7.345 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.593 | 93 | 30390 | 7.362 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 36114 | 7.293 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 38302 | 7.720 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.034 | 146 | 35651 | 7.497 | ng | | 98 |
| 15) Benzyl Alcohol | 7.004 | 79 | 25037 | 6.819 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 52271 | 6.876 | ng | | 82 |
| 17) 2-Methylphenol | 7.116 | 107 | 23113 | 7.240 | ng | | 96 |
| 18) Hexachloroethane | 7.375 | 117 | 14898 | 9.039 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 24944 | 8.172 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 30135 | 8.007 | ng | | 94 |
| 22) Acetophenone | 7.269 | 105 | 56420 | 12.574 | ng | | 92 |
| 24) Nitrobenzene | 7.440 | 77 | 27844 | 7.081 | ng | | 99 |
| 25) Isophorone | 7.681 | 82 | 56135 | 8.195 | ng | # | 92 |
| 26) 2-Nitrophenol | 7.763 | 139 | 15656 | 8.043 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 25895 | 8.876 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.887 | 93 | 35278 | 8.247 | ng | # | 89 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 24202 | 7.197 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.087 | 180 | 26511 | 7.678 | ng | | 99 |
| 31) Naphthalene | 8.169 | 128 | 85246 | 8.568 | ng | | 100 |
| 32) Benzoic acid | 7.893 | 122 | 10436 | 4.880 | ng | | 84 |
| 33) 4-Chloroaniline | 8.222 | 127 | 22544 | 6.213 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.281 | 225 | 18513 | 7.114 | ng | | 98 |
| 35) Caprolactam | 8.557 | 113 | 10269 | 11.147 | ng | # | 20 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 19687 | 6.533 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 49327 | 7.415 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 48667 | 7.582 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 25789 | 7.774 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 133m | 4.380 | ng | | |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 16461 | 7.291 | ng | | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144379.D
Acq On : 27 Nov 2025 00:14
Operator : RC/JU
Sample : Q3721-01MSD 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 27 00:56:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
EO-2-112525MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.187 | 196 | 17452 | 7.172 | ng | # | 80 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 62720 | 8.877 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.345 | 162 | 47573 | 7.893 | ng | | 97 |
| 48) 2-Nitroaniline | 9.445 | 65 | 12699 | 7.303 | ng | # | 91 |
| 49) Acenaphthylene | 9.763 | 152 | 72399 | 8.815 | ng | | 99 |
| 50) Dimethylphthalate | 9.616 | 163 | 52848 | 7.881 | ng | # | 99 |
| 51) 2,6-Dinitrotoluene | 9.687 | 165 | 10404 | 7.665 | ng | | 95 |
| 52) Acenaphthene | 9.934 | 154 | 40441 | 7.363 | ng | | 97 |
| 53) 3-Nitroaniline | 9.857 | 138 | 9973 | 6.721 | ng | # | 94 |
| 55) Dibenzofuran | 10.110 | 168 | 62084 | 8.071 | ng | | 99 |
| 56) 4-Nitrophenol | 10.045 | 139 | 12101 | 11.274 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 10.092 | 165 | 12900 | 7.099 | ng | # | 96 |
| 58) Fluorene | 10.451 | 166 | 48855 | 8.354 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.234 | 232 | 12903 | 7.495 | ng | # | 86 |
| 60) Diethylphthalate | 10.316 | 149 | 49171 | 7.955 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204 | 24708 | 7.417 | ng | | 93 |
| 62) 4-Nitroaniline | 10.469 | 138 | 11369 | 8.045 | ng | | 86 |
| 63) Azobenzene | 10.604 | 77 | 44551 | 7.744 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.557 | 169 | 48234 | 8.028 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 16111 | 6.757 | ng | | 99 |
| 68) Hexachlorobenzene | 11.004 | 284 | 18593 | 6.620 | ng | | 98 |
| 69) Atrazine | 11.086 | 200 | 15457 | 8.090 | ng | | 98 |
| 70) Pentachlorophenol | 11.204 | 266 | 17253 | 12.337 | ng | | 96 |
| 71) Phenanthrene | 11.416 | 178 | 82288 | 8.848 | ng | | 99 |
| 72) Anthracene | 11.469 | 178 | 78030 | 8.251 | ng | | 99 |
| 73) Carbazole | 11.628 | 167 | 70454 | 8.761 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 84308 | 8.672 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 96346 | 10.028 | ng | | 97 |
| 77) Benzidine | 12.739 | 184 | 43018 | 8.937 | ng | # | 95 |
| 78) Pyrene | 12.845 | 202 | 109626 | 8.355 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 38724 | 8.516 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 88270 | 7.827 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 23430 | 6.061 | ng | # | 98 |
| 83) Chrysene | 14.069 | 228 | 84636 | 8.129 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 57743 | 9.276 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 86666 | 8.069 | ng | # | 82 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 58902 | 6.427 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 71165 | 9.804 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 52154 | 7.677 | ng | # | 94 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 56734 | 8.473 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 17.039 | 278 | 46580 | 6.329 | ng | # | 91 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 47623 | 6.552 | ng | # | 93 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144379.D
Acq On : 27 Nov 2025 00:14
Operator : RC/JU
Sample : Q3721-01MSD 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 27 00:56:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
EO-2-112525MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025