Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
Data File : BF142709.D
Acq On : 10 Jun 2025 13:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Jun 10 14:12:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 18:21:22 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.898 | 152 | 71095 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.181 | 136 | 276013 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.939 | 164 | 149668 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.427 | 188 | 238702 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.068 | 240 | 135085 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.562 | 264 | 161985 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 334530 | 79.895 | ng | 0.00 |
| 7) Phenol-d6 | 6.522 | 99 | 395344 | 80.514 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.463 | 82 | 399669 | 79.578 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.727 | 330 | 125200 | 74.456 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.257 | 172 | 869968 | 79.492 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.010 | 244 | 720168 | 84.314 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.657 | 88 | 67582 | 42.150 | ng | 99 |
| 3) Pyridine | 3.428 | 79 | 169546 | 41.000 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.381 | 42 | 80707 | 40.099 | ng | 100 |
| 6) Aniline | 6.557 | 93 | 266641 | 40.447 | ng | 99 |
| 8) 2-Chlorophenol | 6.681 | 128 | 181660 | 39.765 | ng | 99 |
| 9) Benzaldehyde | 6.445 | 77 | 117875 | 42.583 | ng | 99 |
| 10) Phenol | 6.540 | 94 | 222155 | 40.403 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 160191 | 39.990 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 204870 | 40.044 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.916 | 146 | 210760 | 40.290 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 201071 | 40.313 | ng | 99 |
| 15) Benzyl Alcohol | 7.034 | 79 | 148203 | 41.261 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169 | 45 | 256240 | 39.283 | ng | 99 |
| 17) 2-Methylphenol | 7.145 | 107 | 141123 | 40.287 | ng | 99 |
| 18) Hexachloroethane | 7.410 | 117 | 73693 | 41.006 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 120085 | 41.720 | ng | 98 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 178109 | 41.285 | ng | 96 |
| 22) Acetophenone | 7.304 | 105 | 238264 | 39.490 | ng | 98 |
| 24) Nitrobenzene | 7.481 | 77 | 178378 | 39.382 | ng | 99 |
| 25) Isophorone | 7.716 | 82 | 322436 | 39.571 | ng | 99 |
| 26) 2-Nitrophenol | 7.792 | 139 | 101800 | 40.745 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.828 | 122 | 169300 | 39.871 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 203902 | 39.897 | ng | 98 |
| 29) 2,4-Dichlorophenol | 8.039 | 162 | 157567 | 40.506 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.122 | 180 | 171613 | 40.445 | ng | 99 |
| 31) Naphthalene | 8.204 | 128 | 534564 | 39.303 | ng | 100 |
| 32) Benzoic acid | 7.939 | 122 | 101628 | 39.468 | ng | 99 |
| 33) 4-Chloroaniline | 8.251 | 127 | 214232 | 38.313 | ng | 99 |
| 34) Hexachlorobutadiene | 8.316 | 225 | 106781 | 40.861 | ng | 99 |
| 35) Caprolactam | 8.616 | 113 | 40422 | 33.832 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 8.728 | 107 | 156768 | 39.070 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.892 | 142 | 334033 | 39.031 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 345917 | 39.032 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.057 | 216 | 171157 | 39.571 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.045 | 237 | 108940 | 42.889 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.169 | 196 | 114375 | 40.300 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.210 | 196 | 115692 | 38.165 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 456893 | 39.258 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.380 | 162 | 338045 | 38.766 | ng | 98 |
| 48) 2-Nitroaniline | 9.475 | 65 | 96497 | 37.187 | ng | 94 |
| 49) Acenaphthylene | 9.798 | 152 | 564605 | 39.067 | ng | 100 |
| 50) Dimethylphthalate | 9.657 | 163 | 376757 | 37.415 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.716 | 165 | 82231 | 37.750 | ng | 95 |
| 52) Acenaphthene | 9.969 | 154 | 347261 | 39.278 | ng | 99 |
| 53) 3-Nitroaniline | 9.886 | 138 | 87885 | 35.906 | ng | 98 |
| 54) 2,4-Dinitrophenol | 9.998 | 184 | 46858 | 38.853 | ng | 97 |
| 55) Dibenzofuran | 10.139 | 168 | 495828 | 39.092 | ng | 99 |
| 56) 4-Nitrophenol | 10.045 | 139 | 60374 | 35.886 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.122 | 165 | 108516 | 37.164 | ng | 100 |
| 58) Fluorene | 10.486 | 166 | 380963 | 37.579 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.257 | 232 | 99666 | 39.072 | ng | 99 |
| 60) Diethylphthalate | 10.351 | 149 | 363744 | 37.208 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204 | 185927 | 38.791 | ng | 99 |
| 62) 4-Nitroaniline | 10.498 | 138 | 77112 | 33.211 | ng | 96 |
| 63) Azobenzene | 10.633 | 77 | 329652 | 37.644 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198 | 59397 | 39.014 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.592 | 169 | 322521 | 41.848 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248 | 112692 | 42.713 | ng | 98 |
| 68) Hexachlorobenzene | 11.033 | 284 | 123162 | 40.626 | ng | 97 |
| 69) Atrazine | 11.116 | 200 | 85223 | 36.463 | ng | 98 |
| 70) Pentachlorophenol | 11.227 | 266 | 66476 | 39.873 | ng | 99 |
| 71) Phenanthrene | 11.451 | 178 | 501517 | 39.301 | ng | 99 |
| 72) Anthracene | 11.504 | 178 | 518482 | 39.152 | ng | 100 |
| 73) Carbazole | 11.657 | 167 | 435663 | 36.534 | ng | 100 |
| 74) Di-n-butylphthalate | 11.980 | 149 | 472669 | 37.337 | ng | 99 |
| 75) Fluoranthene | 12.639 | 202 | 464559 | 36.334 | ng | 100 |
| 77) Benzidine | 12.757 | 184 | 205826 | 44.148 | ng | 99 |
| 78) Pyrene | 12.869 | 202 | 465611 | 42.300 | ng | 99 |
| 80) Butylbenzylphthalate | 13.480 | 149 | 152483 | 44.983 | ng | 97 |
| 81) Benzo(a)anthracene | 14.057 | 228 | 341337 | 38.935 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.021 | 252 | 122559 | 43.734 | ng | 100 |
| 83) Chrysene | 14.092 | 228 | 331906 | 39.970 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149 | 239004 | 61.756 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.657 | 149 | 461847 | 61.358 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.080 | 276 | 517815 | 45.192 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.121 | 252 | 385979 | 39.883 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.151 | 252 | 316516 | 34.756 | ng | 100 |
| 90) Benzo(a)pyrene | 15.498 | 252 | 356047 | 39.261 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.098 | 278 | 420883 | 45.630 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.539 | 276 | 421708 | 44.151 | ng | 99 |

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

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