

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
 Data File : BF143739.D  
 Acq On : 12 Sep 2025 18:08  
 Operator : RC/JU  
 Sample : Q3072-02MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 30-GARFIELD-PL-COMPMS

Quant Time: Sep 12 18:29:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Rahul  
 Chavli

09/15/2025

Supervised By :Jagrit

Upadhyay

09/15/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 29682    | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 104295   | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.934  | 164  | 52180    | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.422 | 188  | 78890    | 20.000  | ng     | 0.01     |
| 76) Chrysene-d12              | 14.063 | 240  | 72216    | 20.000  | ng     | 0.02     |
| 86) Perylene-d12              | 15.545 | 264  | 74429    | 20.000  | ng     | 0.03     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 229209   | 131.751 | ng     | 0.03     |
| 7) Phenol-d6                  | 6.522  | 99   | 254708   | 120.243 | ng     | 0.02     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 163126   | 97.287  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 72439    | 137.754 | ng     | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 341566   | 98.884  | ng     | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 256304   | 57.514  | ng     | 0.01     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 2.881  | 88   | 36000    | 46.390  | ng     | # 84     |
| 3) Pyridine                   | 3.581  | 79   | 79024    | 39.420  | ng     | 96       |
| 4) n-Nitrosodimethylamine     | 3.522  | 42   | 37622    | 49.406  | ng     | 99       |
| 6) Aniline                    | 6.557  | 93   | 35735    | 12.737  | ng     | 97       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 87910    | 46.787  | ng     | 96       |
| 9) Benzaldehyde               | 6.451  | 77   | 46678    | 27.312  | ng     | 98       |
| 10) Phenol                    | 6.534  | 94   | 99463    | 42.478  | ng     | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 84087    | 48.083  | ng     | 95       |
| 12) 1,3-Dichlorobenzene       | 6.840  | 146  | 104558   | 48.657  | ng     | 99       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 104739   | 48.290  | ng     | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 100499   | 49.066  | ng     | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 74187    | 48.146  | ng     | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169  | 45   | 96628    | 42.233  | ng     | 95       |
| 17) 2-Methylphenol            | 7.140  | 107  | 70979    | 46.960  | ng     | 99       |
| 18) Hexachloroethane          | 7.410  | 117  | 30324    | 43.280  | ng     | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 61471    | 47.250  | ng     | 97       |
| 20) 3+4-Methylphenols         | 7.293  | 107  | 90929    | 45.684  | ng     | 91       |
| 22) Acetophenone              | 7.304  | 105  | 135820   | 57.661  | ng     | 99       |
| 24) Nitrobenzene              | 7.475  | 77   | 86993    | 50.036  | ng     | 96       |
| 25) Isophorone                | 7.716  | 82   | 160934   | 50.053  | ng     | 99       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 45096    | 52.755  | ng     | 96       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 80104    | 52.199  | ng     | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 99728    | 50.472  | ng     | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 74450    | 48.229  | ng     | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 82123    | 51.351  | ng     | 99       |
| 31) Naphthalene               | 8.198  | 128  | 252120   | 48.833  | ng     | 99       |
| 32) Benzoic acid              | 7.904  | 122  | 33609m   | 35.898  | ng     |          |
| 33) 4-Chloroaniline           | 8.240  | 127  | 19275    | 10.724  | ng     | 97       |
| 34) Hexachlorobutadiene       | 8.316  | 225  | 51031    | 48.922  | ng     | 98       |
| 35) Caprolactam               | 8.604  | 113  | 17915    | 43.604  | ng     | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 69537    | 45.685  | ng     | 98       |
| 37) 2-Methylnaphthalene       | 8.887  | 142  | 154732   | 43.781  | ng     | 99       |
| 38) 1-Methylnaphthalene       | 8.987  | 142  | 157299   | 46.377  | ng     | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 87248    | 58.406  | ng     | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 67782    | 88.381  | ng     | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 51470    | 51.599  | ng     | 100      |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 50937    | 50.231 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 227949   | 60.680 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.381  | 162  | 152835   | 51.897 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 42102    | 54.022 | ng    | 98       |
| 49) Acenaphthylene            | 9.798  | 152  | 247757   | 58.731 | ng    | 100      |
| 50) Dimethylphthalate         | 9.651  | 163  | 178939   | 52.707 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 38070    | 58.649 | ng    | 92       |
| 52) Acenaphthene              | 9.969  | 154  | 144763   | 49.799 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.881  | 138  | 18630    | 26.670 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 9298     | 30.359 | ng    | # 1      |
| 55) Dibenzofuran              | 10.139 | 168  | 212550   | 50.849 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 45311    | 81.532 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 48771    | 55.205 | ng    | 98       |
| 58) Fluorene                  | 10.481 | 166  | 164196   | 50.181 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 39285    | 47.777 | ng    | # 98     |
| 60) Diethylphthalate          | 10.351 | 149  | 166802   | 52.333 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204  | 83071    | 50.059 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 34430    | 52.040 | ng    | 98       |
| 63) Azobenzene                | 10.633 | 77   | 141518   | 50.223 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 7462     | 18.578 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 141008   | 54.560 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 49865    | 52.416 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.028 | 284  | 52157    | 51.922 | ng    | 97       |
| 69) Atrazine                  | 11.116 | 200  | 45345    | 55.958 | ng    | 100      |
| 70) Pentachlorophenol         | 11.222 | 266  | 44322    | 72.990 | ng    | 98       |
| 71) Phenanthrene              | 11.445 | 178  | 227737   | 52.393 | ng    | 99       |
| 72) Anthracene                | 11.498 | 178  | 233995   | 53.538 | ng    | 99       |
| 73) Carbazole                 | 11.651 | 167  | 203595   | 56.879 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 252086   | 58.497 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 233578   | 58.536 | ng    | 98       |
| 77) Benzidine                 | 12.751 | 184  | 43510    | 18.476 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 239640   | 41.503 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 103530   | 57.227 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 259841   | 55.929 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 32573    | 22.789 | ng    | 97       |
| 83) Chrysene                  | 14.092 | 228  | 221261   | 51.999 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 151306   | 58.618 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 268310   | 58.006 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 194986   | 38.386 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 274384   | 61.929 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 208175   | 52.061 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 217117   | 55.779 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 165749   | 39.329 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.498 | 276  | 142639   | 36.184 | ng    | 99       |

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

