

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051225\  
 Data File : BF142311.D  
 Acq On : 12 May 2025 10:47  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 12 12:08:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 6.904  | 152  | 226036   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.192  | 136  | 861695   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.945  | 164  | 461291   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.433 | 188  | 783052   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.074 | 240  | 426377   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12          | 15.562 | 264  | 432380   | 20.000 | ng    | 0.00     |

|                             |        |     |         |        |    |      |
|-----------------------------|--------|-----|---------|--------|----|------|
| System Monitoring Compounds |        |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.516  | 112 | 961326  | 72.602 | ng | 0.00 |
| 7) Phenol-d6                | 6.522  | 99  | 1197038 | 73.503 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.469  | 82  | 1131993 | 80.118 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.733 | 330 | 325349  | 73.052 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.263  | 172 | 2325283 | 71.876 | ng | 0.00 |
| 79) Terphenyl-d14           | 13.015 | 244 | 2226381 | 77.286 | ng | 0.00 |

|                               |       |     |         |        |        |     |
|-------------------------------|-------|-----|---------|--------|--------|-----|
| Target Compounds              |       |     |         |        | Qvalue |     |
| 2) 1,4-Dioxane                | 2.687 | 88  | 228009  | 38.239 | ng     | 99  |
| 3) Pyridine                   | 3.446 | 79  | 581665  | 41.549 | ng     | 99  |
| 4) n-Nitrosodimethylamine     | 3.398 | 42  | 306604  | 37.683 | ng     | 100 |
| 6) Aniline                    | 6.569 | 93  | 741992  | 46.451 | ng     | 99  |
| 8) 2-Chlorophenol             | 6.686 | 128 | 499773  | 35.321 | ng     | 99  |
| 9) Benzaldehyde               | 6.457 | 77  | 296061  | 31.061 | ng     | 98  |
| 10) Phenol                    | 6.539 | 94  | 678588  | 39.309 | ng     | 98  |
| 11) bis(2-Chloroethyl)ether   | 6.639 | 93  | 564411  | 33.155 | ng     | 99  |
| 12) 1,3-Dichlorobenzene       | 6.845 | 146 | 605214  | 37.387 | ng     | 99  |
| 13) 1,4-Dichlorobenzene       | 6.922 | 146 | 609547  | 37.503 | ng     | 99  |
| 14) 1,2-Dichlorobenzene       | 7.075 | 146 | 582029  | 37.307 | ng     | 100 |
| 15) Benzyl Alcohol            | 7.045 | 79  | 409030  | 38.787 | ng     | 98  |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181 | 45  | 935009  | 36.780 | ng     | 100 |
| 17) 2-Methylphenol            | 7.151 | 107 | 423442  | 36.964 | ng     | 100 |
| 18) Hexachloroethane          | 7.422 | 117 | 195187  | 36.093 | ng     | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.316 | 70  | 369696  | 36.699 | ng     | 99  |
| 20) 3+4-Methylphenols         | 7.304 | 107 | 528183  | 36.944 | ng     | 99  |
| 22) Acetophenone              | 7.316 | 105 | 718820  | 37.518 | ng     | 99  |
| 24) Nitrobenzene              | 7.486 | 77  | 539770  | 40.528 | ng     | 99  |
| 25) Isophorone                | 7.728 | 82  | 1020042 | 38.125 | ng     | 100 |
| 26) 2-Nitrophenol             | 7.804 | 139 | 172239  | 28.633 | ng     | 98  |
| 27) 2,4-Dimethylphenol        | 7.833 | 122 | 493156  | 36.661 | ng     | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.933 | 93  | 645263  | 37.506 | ng     | 99  |
| 29) 2,4-Dichlorophenol        | 8.039 | 162 | 442297  | 38.674 | ng     | 99  |
| 30) 1,2,4-Trichlorobenzene    | 8.128 | 180 | 494889  | 38.450 | ng     | 99  |
| 31) Naphthalene               | 8.210 | 128 | 1575374 | 37.722 | ng     | 100 |
| 32) Benzoic acid              | 7.939 | 122 | 183872m | 29.823 | ng     |     |
| 33) 4-Chloroaniline           | 8.257 | 127 | 682578m | 40.055 | ng     |     |
| 34) Hexachlorobutadiene       | 8.328 | 225 | 294678  | 38.665 | ng     | 99  |
| 35) Caprolactam               | 8.622 | 113 | 119393  | 35.820 | ng     | 98  |
| 36) 4-Chloro-3-methylphenol   | 8.728 | 107 | 452528  | 38.065 | ng     | 98  |
| 37) 2-Methylnaphthalene       | 8.904 | 142 | 990323  | 38.162 | ng     | 99  |
| 38) 1-Methylnaphthalene       | 9.004 | 142 | 1019973 | 37.710 | ng     | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.069 | 216 | 484697  | 37.622 | ng     | 99  |
| 41) Hexachlorocyclopentadiene | 9.057 | 237 | 284663  | 35.752 | ng     | 99  |
| 43) 2,4,6-Trichlorophenol     | 9.175 | 196 | 285228  | 35.099 | ng     | 98  |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 326429   | 37.752 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 1323095  | 37.408 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.392  | 162  | 979666   | 37.245 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 257854   | 38.246 | ng    | 99       |
| 49) Acenaphthylene            | 9.810  | 152  | 1645302  | 37.392 | ng    | 99       |
| 50) Dimethylphthalate         | 9.663  | 163  | 1111826  | 37.535 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.727  | 165  | 230546   | 41.581 | ng    | 94       |
| 52) Acenaphthene              | 9.980  | 154  | 972733   | 36.766 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.898  | 138  | 268729   | 41.326 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 68032    | 28.870 | ng    | # 29     |
| 55) Dibenzofuran              | 10.151 | 168  | 1461790  | 37.437 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 180394   | 36.860 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.127 | 165  | 301036   | 42.328 | ng    | 99       |
| 58) Fluorene                  | 10.492 | 166  | 1101006  | 36.948 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 256961   | 36.000 | ng    | 99       |
| 60) Diethylphthalate          | 10.363 | 149  | 1098399  | 37.132 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 536542   | 37.321 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 192261   | 37.305 | ng    | 99       |
| 63) Azobenzene                | 10.645 | 77   | 1059641  | 37.487 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 101146   | 30.747 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 980951   | 37.646 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.974 | 248  | 340382   | 38.355 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 374906   | 38.405 | ng    | 99       |
| 69) Atrazine                  | 11.127 | 200  | 268719   | 39.122 | ng    | 100      |
| 70) Pentachlorophenol         | 11.233 | 266  | 182650   | 35.567 | ng    | 98       |
| 71) Phenanthrene              | 11.457 | 178  | 1514031  | 36.886 | ng    | 100      |
| 72) Anthracene                | 11.510 | 178  | 1574057  | 37.323 | ng    | 100      |
| 73) Carbazole                 | 11.663 | 167  | 1405022  | 37.133 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.992 | 149  | 1524892  | 38.326 | ng    | 100      |
| 75) Fluoranthene              | 12.645 | 202  | 1491288  | 36.346 | ng    | 100      |
| 77) Benzidine                 | 12.768 | 184  | 387705   | 50.036 | ng    | 99       |
| 78) Pyrene                    | 12.874 | 202  | 1495202  | 39.398 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.492 | 149  | 330163   | 31.197 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.062 | 228  | 1062341  | 38.473 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 262229   | 40.837 | ng    | 99       |
| 83) Chrysene                  | 14.098 | 228  | 982428   | 38.219 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 462415   | 33.467 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.668 | 149  | 800857   | 33.606 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.074 | 276  | 1218906  | 40.525 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 958783   | 36.612 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.157 | 252  | 920053   | 38.392 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 922025   | 39.291 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 1002556  | 40.346 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.533 | 276  | 993728   | 40.293 | ng    | 99       |

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

