

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061523\  
 Data File : BF133784.D  
 Acq On : 15 Jun 2023 20:13  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jun 16 02:58:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 15:12:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 96342    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 350932   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 168838   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 307557   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 140735   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.462 | 264  | 164926   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 464415   | 83.920 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 562768   | 78.125 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 539043   | 83.663 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 167007   | 78.143 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 964638   | 81.217 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.945 | 244  | 774691   | 85.175 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.540  | 88   | 95781    | 39.368 | ng    | 98       |
| 3) Pyridine                   | 3.293  | 79   | 246130   | 34.708 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.246  | 42   | 153464   | 39.150 | ng    | 95       |
| 6) Aniline                    | 6.498  | 93   | 333327   | 36.739 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.616  | 128  | 232972   | 39.947 | ng    | 99       |
| 9) Benzaldehyde               | 6.387  | 77   | 169221   | 35.408 | ng    | 98       |
| 10) Phenol                    | 6.481  | 94   | 294522   | 39.156 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 220026   | 39.402 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 250693   | 40.232 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.851  | 146  | 253062   | 40.182 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 235075   | 41.308 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 231038   | 41.065 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 384383   | 40.607 | ng    | 98       |
| 17) 2-Methylphenol            | 7.087  | 107  | 209212   | 40.473 | ng    | 99       |
| 18) Hexachloroethane          | 7.345  | 117  | 94956    | 44.041 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.245  | 70   | 176840   | 38.585 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.239  | 107  | 256994   | 38.218 | ng    | 95       |
| 22) Acetophenone              | 7.245  | 105  | 320980   | 39.879 | ng    | # 99     |
| 24) Nitrobenzene              | 7.416  | 77   | 275031   | 42.392 | ng    | 95       |
| 25) Isophorone                | 7.657  | 82   | 472788   | 39.970 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.734  | 139  | 128891   | 44.268 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 202934   | 40.437 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 271799   | 39.757 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.975  | 162  | 197325   | 40.119 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 209413   | 40.808 | ng    | 96       |
| 31) Naphthalene               | 8.139  | 128  | 681149   | 39.839 | ng    | 99       |
| 32) Benzoic acid              | 7.881  | 122  | 158364m  | 50.035 | ng    |          |
| 33) 4-Chloroaniline           | 8.186  | 127  | 280643   | 38.389 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 133005   | 39.587 | ng    | 97       |
| 35) Caprolactam               | 8.563  | 113  | 61944    | 37.427 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.663  | 107  | 220914   | 38.966 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 474352   | 39.930 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 430556   | 39.387 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.992  | 216  | 211883   | 41.280 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.980  | 237  | 112046   | 48.985 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.104  | 196  | 144120   | 42.018 | ng    | 98       |

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| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 165868   | 41.567 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 560714   | 41.177 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 407192   | 41.688 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.416  | 65   | 149697   | 41.905 | ng    | 98       |
| 49) Acenaphthylene            | 9.733  | 152  | 700070   | 41.179 | ng    | 99       |
| 50) Dimethylphthalate         | 9.592  | 163  | 496016   | 39.359 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.657  | 165  | 109113   | 41.947 | ng    | # 81     |
| 52) Acenaphthene              | 9.904  | 154  | 403474   | 40.546 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.828  | 138  | 128587   | 40.621 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 9.933  | 184  | 57609    | 47.799 | ng    | 91       |
| 55) Dibenzofuran              | 10.080 | 168  | 629682   | 41.469 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 87785    | 41.090 | ng    | # 77     |
| 57) 2,4-Dinitrotoluene        | 10.063 | 165  | 139709   | 42.230 | ng    | 92       |
| 58) Fluorene                  | 10.422 | 166  | 474029   | 40.822 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 125771   | 42.099 | ng    | 97       |
| 60) Diethylphthalate          | 10.292 | 149  | 500122   | 38.992 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.416 | 204  | 227804   | 39.739 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 119400   | 38.470 | ng    | 92       |
| 63) Azobenzene                | 10.575 | 77   | 481162   | 39.627 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.469 | 198  | 73479    | 49.997 | ng    | 80       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 417782   | 40.440 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 139562   | 40.656 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 145830   | 40.398 | ng    | 97       |
| 69) Atrazine                  | 11.057 | 200  | 110629   | 36.907 | ng    | 97       |
| 70) Pentachlorophenol         | 11.163 | 266  | 90707    | 41.963 | ng    | 98       |
| 71) Phenanthrene              | 11.386 | 178  | 628136   | 40.255 | ng    | 100      |
| 72) Anthracene                | 11.439 | 178  | 654869   | 40.250 | ng    | 99       |
| 73) Carbazole                 | 11.592 | 167  | 571274   | 37.699 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.921 | 149  | 666287   | 34.298 | ng    | 99       |
| 75) Fluoranthene              | 12.574 | 202  | 599916   | 36.204 | ng    | 99       |
| 77) Benzidine                 | 12.698 | 184  | 141631   | 29.991 | ng    | 98       |
| 78) Pyrene                    | 12.804 | 202  | 603430   | 46.028 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.421 | 149  | 199820   | 36.104 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 402120   | 41.308 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.957 | 252  | 125676   | 38.832 | ng    | 99       |
| 83) Chrysene                  | 14.033 | 228  | 387252   | 42.059 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 230283   | 33.792 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 385584   | 39.816 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.927 | 276  | 541625   | 47.735 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 362170   | 36.150 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.068 | 252  | 374914   | 38.416 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.404 | 252  | 379659   | 40.832 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 444360   | 47.304 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.374 | 276  | 458646   | 49.245 | ng    | 99       |

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

