

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062821\  
 Data File : BF124468.D  
 Acq On : 28 Jun 2021 14:32  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad

6/29/2021 2:28:39 PM

Quant Time: Jun 28 16:01:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 16:01:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.693  | 152  | 32147    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.975  | 136  | 125702   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.728  | 164  | 75244    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.216 | 188  | 136094   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.863 | 240  | 107982   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.286 | 264  | 85300    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.310  | 112  | 175797   | 86.003 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.346  | 99   | 226278   | 84.782 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.263  | 82   | 233926   | 77.160 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.522 | 330  | 72907    | 81.101 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.051  | 172  | 467507   | 76.111 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.804 | 244  | 564635   | 78.319 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.305  | 88   | 35514    | 40.404 | ng    | 93       |
| 3) Pyridine                   | 3.010  | 79   | 84126m   | 43.646 | ng    |          |
| 4) n-Nitrosodimethylamine     | 2.975  | 42   | 42178    | 40.561 | ng    | # 94     |
| 6) Aniline                    | 6.357  | 93   | 119407   | 40.047 | ng    | # 21     |
| 8) 2-Chlorophenol             | 6.481  | 128  | 97754    | 43.031 | ng    | 93       |
| 9) Benzaldehyde               | 6.246  | 77   | 57046    | 45.916 | ng    | 95       |
| 10) Phenol                    | 6.363  | 94   | 119624   | 41.452 | ng    | # 67     |
| 11) bis(2-Chloroethyl)ether   | 6.434  | 93   | 85454    | 40.944 | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 6.634  | 146  | 115459m  | 41.846 | ng    |          |
| 13) 1,4-Dichlorobenzene       | 6.710  | 146  | 117070   | 41.844 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 6.863  | 146  | 112080   | 42.539 | ng    | 92       |
| 15) Benzyl Alcohol            | 6.845  | 79   | 89264    | 38.991 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.975  | 45   | 108515   | 40.530 | ng    | 50       |
| 17) 2-Methylphenol            | 6.963  | 107  | 76154    | 41.893 | ng    | 88       |
| 18) Hexachloroethane          | 7.198  | 117  | 43037    | 42.222 | ng    | # 84     |
| 19) n-Nitroso-di-n-propyla... | 7.116  | 70   | 76583    | 42.667 | ng    | # 76     |
| 20) 3+4-Methylphenols         | 7.122  | 107  | 99481    | 41.926 | ng    | # 79     |
| 22) Acetophenone              | 7.110  | 105  | 132420   | 37.843 | ng    | # 86     |
| 24) Nitrobenzene              | 7.281  | 77   | 112505   | 37.146 | ng    | # 95     |
| 25) Isophorone                | 7.522  | 82   | 194000   | 37.219 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.598  | 139  | 54829    | 37.218 | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 7.645  | 122  | 76500    | 38.959 | ng    | 90       |
| 28) bis(2-Chloroethoxy)met... | 7.734  | 93   | 100078   | 37.880 | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 7.845  | 162  | 86536    | 37.125 | ng    | 89       |
| 30) 1,2,4-Trichlorobenzene    | 7.922  | 180  | 97923    | 37.043 | ng    | 97       |
| 31) Naphthalene               | 7.998  | 128  | 275555   | 37.260 | ng    | 99       |
| 32) Benzoic acid              | 7.798  | 122  | 43388    | 39.365 | ng    | 94       |
| 33) 4-Chloroaniline           | 8.057  | 127  | 106622   | 38.385 | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.116  | 225  | 67428    | 38.152 | ng    | 93       |
| 35) Caprolactam               | 8.434  | 113  | 23068m   | 37.765 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.551  | 107  | 89358    | 37.954 | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 8.687  | 142  | 196816   | 37.608 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 8.787  | 142  | 186776   | 38.371 | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 8.857  | 216  | 100027   | 36.990 | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 8.839  | 237  | 10576    | 50.404 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 8.975  | 196  | 60392    | 35.589 | ng    | 94       |

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| 44) 2,4,5-Trichlorophenol     | 9.022  | 196  | 62142    | 34.706 | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 9.151  | 154  | 240343   | 37.582 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.181  | 162  | 194482   | 37.178 | ng    | 95       |
| 48) 2-Nitroaniline            | 9.286  | 65   | 62413    | 36.269 | ng    | # 82     |
| 49) Acenaphthylene            | 9.592  | 152  | 278409   | 36.819 | ng    | 97       |
| 50) Dimethylphthalate         | 9.463  | 163  | 228368   | 38.495 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.528  | 165  | 51313    | 37.445 | ng    | # 79     |
| 52) Acenaphthene              | 9.763  | 154  | 178911   | 37.263 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.698  | 138  | 48842    | 40.264 | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 9.822  | 184  | 16770    | 39.621 | ng    | # 84     |
| 55) Dibenzofuran              | 9.934  | 168  | 292680   | 38.246 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.886  | 139  | 22620    | 35.546 | ng    | # 85     |
| 57) 2,4-Dinitrotoluene        | 9.934  | 165  | 72227    | 39.763 | ng    | # 80     |
| 58) Fluorene                  | 10.281 | 166  | 225724   | 38.388 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.063 | 232  | 50482    | 38.551 | ng    | # 94     |
| 60) Diethylphthalate          | 10.157 | 149  | 231119   | 39.152 | ng    | 94       |
| 61) 4-Chlorophenyl-phenyle... | 10.269 | 204  | 114775   | 39.387 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.316 | 138  | 47199    | 40.441 | ng    | 86       |
| 63) Azobenzene                | 10.433 | 77   | 224120   | 38.142 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.351 | 198  | 37887    | 38.838 | ng    | # 55     |
| 66) n-Nitrosodiphenylamine    | 10.392 | 169  | 198053   | 37.934 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.757 | 248  | 71007    | 38.783 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.828 | 284  | 72858    | 36.626 | ng    | 93       |
| 69) Atrazine                  | 10.922 | 200  | 60751    | 45.102 | ng    | 99       |
| 70) Pentachlorophenol         | 11.033 | 266  | 18305    | 40.907 | ng    | 96       |
| 71) Phenanthrene              | 11.239 | 178  | 340827   | 39.728 | ng    | 99       |
| 72) Anthracene                | 11.292 | 178  | 335394   | 39.237 | ng    | 98       |
| 73) Carbazole                 | 11.451 | 167  | 295780   | 39.703 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.780 | 149  | 375160   | 42.290 | ng    | 98       |
| 75) Fluoranthene              | 12.427 | 202  | 354752   | 41.091 | ng    | 98       |
| 77) Benzidine                 | 12.551 | 184  | 115920   | 53.565 | ng    | # 97     |
| 78) Pyrene                    | 12.657 | 202  | 370915   | 37.631 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.274 | 149  | 157504   | 40.241 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.851 | 228  | 304681   | 39.136 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.810 | 252  | 90869    | 36.430 | ng    | 95       |
| 83) Chrysene                  | 13.886 | 228  | 300083   | 38.896 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.839 | 149  | 214020   | 40.812 | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 14.445 | 149  | 349304   | 42.769 | ng    | # 86     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.680 | 276  | 242772   | 36.090 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 14.880 | 252  | 264355   | 40.897 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.904 | 252  | 249933   | 42.264 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.227 | 252  | 230387   | 40.109 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 16.686 | 278  | 207808   | 35.864 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.098 | 276  | 197248   | 34.595 | ng    | 97       |

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

