

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100224\  
 Data File : BF139595.D  
 Acq On : 02 Oct 2024 09:45  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

Quant Time: Oct 02 11:08:21 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 02 04:58:47 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 112435   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 423716   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 247632   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 465531   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 278306   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 228711   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 501177   | 77.259 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 671214   | 76.943 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 649133   | 77.566 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 182271   | 76.249 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1206745  | 74.812 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 1283292  | 75.660 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 107973   | 38.499 | ng    | 99       |
| 3) Pyridine                   | 3.387  | 79   | 268373   | 39.346 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 169739   | 38.018 | ng    | 97       |
| 6) Aniline                    | 6.534  | 93   | 294690   | 38.068 | ng    | 91       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 269736   | 38.811 | ng    | 97       |
| 9) Benzaldehyde               | 6.422  | 77   | 172090   | 37.240 | ng    | 100      |
| 10) Phenol                    | 6.516  | 94   | 354982   | 38.699 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 273688   | 36.645 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 300716   | 38.462 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 302273   | 38.172 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 283904   | 38.254 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 258059   | 38.716 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 500532   | 38.712 | ng    | 99       |
| 17) 2-Methylphenol            | 7.122  | 107  | 225424   | 38.852 | ng    | 98       |
| 18) Hexachloroethane          | 7.381  | 117  | 113126   | 38.301 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 216217   | 38.552 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 279544   | 38.358 | ng    | 95       |
| 22) Acetophenone              | 7.281  | 105  | 387003   | 38.478 | ng    | 97       |
| 24) Nitrobenzene              | 7.451  | 77   | 339063   | 39.126 | ng    | 100      |
| 25) Isophorone                | 7.692  | 82   | 578862   | 38.944 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.769  | 139  | 148087   | 39.750 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 181625m  | 39.824 | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 347020   | 39.097 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 234556   | 39.430 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 264731   | 39.351 | ng    | 100      |
| 31) Naphthalene               | 8.175  | 128  | 842514   | 38.890 | ng    | 99       |
| 32) Benzoic acid              | 7.934  | 122  | 190605   | 42.030 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 282453   | 38.517 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 169994   | 39.047 | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 77555    | 39.749 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 263989   | 39.203 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 548787   | 38.895 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 536648   | 38.911 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 263042   | 38.253 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.016  | 237  | 86548    | 41.048 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 178987   | 38.612 | ng    | 97       |

10/03/2024

Supervised By :mohammad

Ahmed

10/04/2024

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Reviewed By :Jagrut  
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Quant Time: Oct 02 11:08:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 189064   | 37.820 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 698204   | 37.909 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 526021   | 38.097 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.451  | 65   | 193059   | 38.951 | ng    | 98       |
| 49) Acenaphthylene            | 9.769  | 152  | 800118   | 38.104 | ng    | 100      |
| 50) Dimethylphthalate         | 9.628  | 163  | 620416   | 38.273 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 144995   | 39.596 | ng    | 97       |
| 52) Acenaphthene              | 9.939  | 154  | 547195   | 37.959 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 147486   | 39.413 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 76332    | 38.756 | ng    | 100      |
| 55) Dibenzofuran              | 10.110 | 168  | 758814   | 37.596 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 112498   | 39.422 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 185166   | 38.686 | ng    | 98       |
| 58) Fluorene                  | 10.457 | 166  | 605400   | 37.660 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 157408   | 38.985 | ng    | 99       |
| 60) Diethylphthalate          | 10.328 | 149  | 647004   | 38.642 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 300881   | 37.412 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 148146   | 38.704 | ng    | 97       |
| 63) Azobenzene                | 10.604 | 77   | 651859   | 38.713 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 105739   | 40.217 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 518391   | 37.778 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 180671   | 37.852 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 202708   | 38.272 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 120088   | 32.618 | ng    | 98       |
| 70) Pentachlorophenol         | 11.198 | 266  | 125669   | 39.847 | ng    | 98       |
| 71) Phenanthrene              | 11.416 | 178  | 839854   | 38.262 | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 823295   | 37.913 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 802451   | 38.475 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 1008755  | 39.774 | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 941424   | 39.235 | ng    | 100      |
| 77) Benzidine                 | 12.727 | 184  | 187936   | 38.284 | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 958331   | 38.500 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 366930   | 41.212 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 685621   | 37.471 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 211362   | 37.744 | ng    | 98       |
| 83) Chrysene                  | 14.063 | 228  | 650485   | 38.885 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 474425   | 42.673 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 667233   | 40.851 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 548974   | 40.781 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 553884   | 37.455 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 501254   | 39.959 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 459216   | 39.383 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.992 | 278  | 456848   | 40.918 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 464467   | 41.480 | ng    | 99       |

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

