

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112423\  
 Data File : BF136205.D  
 Acq On : 25 Nov 2023 05:36  
 Operator : CG\JU  
 Sample : PB157207BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157207BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023  
 Supervised By :mohammad ahmed 11/27/2023

Quant Time: Nov 27 02:17:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 24 23:44:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 132132   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.087  | 136  | 568157   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.845  | 164  | 288287   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 541449   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 261209   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.463 | 264  | 283788   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 1174300  | 141.508 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.446  | 99   | 1414508  | 138.521 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 888180   | 87.235  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 440574   | 145.917 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 1845675  | 94.637  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 2005237  | 108.970 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.640  | 88   | 121161   | 36.460  | ng    | 96       |
| 3) Pyridine                   | 3.399  | 79   | 300621   | 33.668  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 186537   | 45.546  | ng    | 94       |
| 6) Aniline                    | 6.475  | 93   | 407898   | 31.516  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.593  | 128  | 443684   | 49.666  | ng    | 98       |
| 9) Benzaldehyde               | 6.357  | 77   | 54050    | 9.155   | ng    | 95       |
| 10) Phenol                    | 6.457  | 94   | 556920   | 49.939  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 400586   | 48.874  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.751  | 146  | 480445   | 50.985  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.828  | 146  | 484167   | 51.241  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 6.975  | 146  | 456162   | 51.362  | ng    | 94       |
| 15) Benzyl Alcohol            | 6.951  | 79   | 308924m  | 40.449  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 7.087  | 45   | 556797   | 52.000  | ng    | 98       |
| 17) 2-Methylphenol            | 7.063  | 107  | 360881   | 48.417  | ng    | 94       |
| 18) Hexachloroethane          | 7.316  | 117  | 169868   | 49.262  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.222  | 70   | 310456   | 52.668  | ng    | # 93     |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 459505   | 49.399  | ng    | 92       |
| 22) Acetophenone              | 7.216  | 105  | 658159   | 50.174  | ng    | # 88     |
| 24) Nitrobenzene              | 7.393  | 77   | 452770   | 45.695  | ng    | 99       |
| 25) Isophorone                | 7.628  | 82   | 837885   | 47.687  | ng    | 96       |
| 26) 2-Nitrophenol             | 7.704  | 139  | 208975   | 43.515  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.740  | 122  | 331104   | 41.046  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 7.840  | 93   | 505568   | 47.711  | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 7.945  | 162  | 365911   | 46.522  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.028  | 180  | 419285   | 47.877  | ng    | 94       |
| 31) Naphthalene               | 8.110  | 128  | 1349180  | 48.206  | ng    | 97       |
| 32) Benzoic acid              | 7.869  | 122  | 220810   | 38.188  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.157  | 127  | 145808   | 12.560  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.228  | 225  | 235849   | 44.301  | ng    | 97       |
| 35) Caprolactam               | 8.528  | 113  | 118945m  | 52.230  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 387911   | 46.974  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.798  | 142  | 828206   | 44.135  | ng    | 90       |
| 38) 1-Methylnaphthalene       | 8.898  | 142  | 799181   | 45.903  | ng    | 89       |
| 40) 1,2,4,5-Tetrachloroben... | 8.963  | 216  | 401900   | 46.516  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.951  | 237  | 489517   | 109.870 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.081  | 196  | 228878   | 42.306  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112423\  
 Data File : BF136205.D  
 Acq On : 25 Nov 2023 05:36  
 Operator : CG\JU  
 Sample : PB157207BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157207BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023  
 Supervised By :mohammad ahmed 11/27/2023

Quant Time: Nov 27 02:17:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 24 23:44:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.122  | 196  | 295152   | 47.357 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.269  | 154  | 1116939  | 49.375 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 9.292  | 162  | 839641   | 50.780 | ng    | 93       |
| 48) 2-Nitroaniline            | 9.386  | 65   | 238847   | 47.378 | ng    | 84       |
| 49) Acenaphthylene            | 9.704  | 152  | 1341753  | 52.571 | ng    | 97       |
| 50) Dimethylphthalate         | 9.575  | 163  | 976940   | 50.156 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 9.634  | 165  | 194403   | 45.995 | ng    | 95       |
| 52) Acenaphthene              | 9.881  | 154  | 762850   | 44.875 | ng    | 89       |
| 53) 3-Nitroaniline            | 9.798  | 138  | 116527   | 25.858 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 201984   | 96.657 | ng    | # 86     |
| 55) Dibenzofuran              | 10.051 | 168  | 1188733  | 50.295 | ng    | 98       |
| 56) 4-Nitrophenol             | 9.963  | 139  | 296262   | 98.931 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.039 | 165  | 268932   | 50.098 | ng    | 98       |
| 58) Fluorene                  | 10.392 | 166  | 917619   | 51.154 | ng    | 93       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 240988   | 51.018 | ng    | 98       |
| 60) Diethylphthalate          | 10.275 | 149  | 960286   | 49.142 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 432154   | 47.391 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.416 | 138  | 192728   | 46.926 | ng    | 92       |
| 63) Azobenzene                | 10.551 | 77   | 893136   | 52.238 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 127525   | 41.613 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.510 | 169  | 790119   | 45.997 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 10.881 | 248  | 272996   | 45.271 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.939 | 284  | 314544   | 49.131 | ng    | 96       |
| 69) Atrazine                  | 11.039 | 200  | 262445   | 60.307 | ng    | 93       |
| 70) Pentachlorophenol         | 11.139 | 266  | 334563   | 93.435 | ng    | 97       |
| 71) Phenanthrene              | 11.363 | 178  | 1393980m | 50.276 | ng    |          |
| 72) Anthracene                | 11.410 | 178  | 1412272  | 49.899 | ng    | 96       |
| 73) Carbazole                 | 11.569 | 167  | 1167776  | 51.492 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.904 | 149  | 1480968  | 55.200 | ng    | # 96     |
| 75) Fluoranthene              | 12.551 | 202  | 1294238  | 51.114 | ng    | 97       |
| 77) Benzidine                 | 12.675 | 184  | 248686   | 54.982 | ng    | 98       |
| 78) Pyrene                    | 12.780 | 202  | 1294244  | 52.986 | ng    | 95       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 425149   | 54.623 | ng    | 96       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 907694   | 52.390 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 173883   | 31.263 | ng    | 95       |
| 83) Chrysene                  | 14.010 | 228  | 857930   | 50.615 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 533818   | 56.823 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 849656   | 54.019 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.974 | 276  | 981147   | 47.186 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 858673   | 54.804 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 15.063 | 252  | 768336   | 48.697 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.398 | 252  | 737990   | 47.755 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 800645   | 46.462 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 760089   | 43.505 | ng    | 96       |

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

