

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042021\  
 Data File : BF123642.D  
 Acq On : 20 Apr 2021 14:30  
 Operator : JU/CG  
 Sample : PB135863BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB135863BS

Manual Integrations  
 APPROVED

mohammad  
 4/21/2021 11:25:10 AM

Quant Time: Apr 20 16:02:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 15:49:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 294749   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 1144566  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 583074   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 1069694  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 747024   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.510 | 264  | 540225   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 2149789  | 117.88 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.492  | 99   | 2805003  | 111.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 2049325  | 82.31  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 811731   | 122.94 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 3048246  | 77.93  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 3339774  | 86.89  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.681  | 88   | 346774   | 36.40  | ng    | 95       |
| 3) Pyridine                   | 3.428  | 79   | 945866   | 40.60  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 609950   | 44.18  | ng    | 94       |
| 6) Aniline                    | 6.516  | 93   | 1033284  | 34.74  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.640  | 128  | 895082   | 45.69  | ng    | 97       |
| 9) Benzaldehyde               | 6.398  | 77   | 472883   | 28.66  | ng    | 99       |
| 10) Phenol                    | 6.504  | 94   | 1149517  | 42.83  | ng    | 84       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 909741   | 45.59  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 876671   | 43.53  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 883052   | 43.21  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 857570   | 44.66  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 892370   | 44.76  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128  | 45   | 1986478  | 44.10  | ng    | 98       |
| 17) 2-Methylphenol            | 7.110  | 107  | 793743   | 47.16  | ng    | 96       |
| 18) Hexachloroethane          | 7.369  | 117  | 368248   | 45.20  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 706778   | 42.22  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 916159   | 42.66  | ng    | # 87     |
| 22) Acetophenone              | 7.263  | 105  | 1339660  | 42.20  | ng    | # 90     |
| 24) Nitrobenzene              | 7.434  | 77   | 1077750  | 41.11  | ng    | 96       |
| 25) Isophorone                | 7.675  | 82   | 2025217  | 41.93  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.751  | 139  | 473824   | 52.89  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 807763   | 48.86  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.886  | 93   | 1146359  | 47.29  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 707328   | 43.94  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.081  | 180  | 731295   | 42.28  | ng    | 98       |
| 31) Naphthalene               | 8.163  | 128  | 2470056  | 41.90  | ng    | 99       |
| 32) Benzoic acid              | 7.928  | 122  | 583634   | 52.58  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 534191   | 22.06  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.281  | 225  | 447944   | 41.27  | ng    | 99       |
| 35) Caprolactam               | 8.581  | 113  | 263592m  | 46.91  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 906147   | 43.41  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 1611725  | 41.69  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.951  | 142  | 1504827  | 41.14  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.022  | 216  | 693175   | 43.07  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 875460   | 104.69 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.133  | 196  | 511385   | 46.83  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042021\  
 Data File : BF123642.D  
 Acq On : 20 Apr 2021 14:30  
 Operator : JU/CG  
 Sample : PB135863BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB135863BS

Manual Integrations  
 APPROVED

mohammad  
 4/21/2021 11:25:10 AM

Quant Time: Apr 20 16:02:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 15:49:40 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 536404   | 44.93  | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.322  | 154  | 1950369  | 42.74  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.345  | 162  | 1462492  | 42.59  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 680795   | 47.58  | ng    | 94       |
| 49) Acenaphthylene            | 9.763  | 152  | 2503021  | 44.56  | ng    | 98       |
| 50) Dimethylphthalate         | 9.622  | 163  | 1755948  | 43.59  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.681  | 165  | 402159   | 45.48  | ng    | 99       |
| 52) Acenaphthene              | 9.933  | 154  | 1781954m | 49.44  | ng    |          |
| 53) 3-Nitroaniline            | 9.851  | 138  | 308580   | 30.08  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 498596   | 128.37 | ng    | # 84     |
| 55) Dibenzofuran              | 10.104 | 168  | 2104809  | 40.71  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 716805   | 91.20  | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 545526   | 46.19  | ng    | # 88     |
| 58) Fluorene                  | 10.451 | 166  | 1639033  | 40.33  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 436838   | 45.95  | ng    | 98       |
| 60) Diethylphthalate          | 10.322 | 149  | 1894675  | 42.96  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204  | 777951   | 41.47  | ng    | 98       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 452310   | 43.66  | ng    | 98       |
| 63) Azobenzene                | 10.598 | 77   | 2060200  | 41.24  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 288484   | 51.69  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 1505207  | 43.96  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 506316   | 45.28  | ng    | 95       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 565158   | 44.84  | ng    | 99       |
| 69) Atrazine                  | 11.092 | 200  | 501993   | 47.04  | ng    | 98       |
| 70) Pentachlorophenol         | 11.192 | 266  | 663509   | 100.76 | ng    | 97       |
| 71) Phenanthrene              | 11.416 | 178  | 2391567  | 42.84  | ng    | 98       |
| 72) Anthracene                | 11.463 | 178  | 2448424  | 43.88  | ng    | 99       |
| 73) Carbazole                 | 11.622 | 167  | 2354666  | 42.28  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 2953890  | 43.83  | ng    | 99       |
| 75) Fluoranthene              | 12.604 | 202  | 2579152  | 42.04  | ng    | 99       |
| 77) Benzidine                 | 12.721 | 184  | 1087474  | 53.55  | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 2640177  | 48.43  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 1246424  | 48.66  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 2055200  | 44.89  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 498554   | 34.09  | ng    | 98       |
| 83) Chrysene                  | 14.063 | 228  | 1991931  | 43.33  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149  | 1579645  | 46.37  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 2618307  | 47.76  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.992 | 276  | 1549192  | 53.75  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1689403  | 44.29  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 1621603  | 47.56  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 1396909  | 46.04  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.015 | 278  | 1260417  | 51.70  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.445 | 276  | 1316177  | 53.43  | ng    | 99       |

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

