

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101421\  
 Data File : BF125841.D  
 Acq On : 14 Oct 2021 12:55  
 Operator : JU/CG  
 Sample : PB139779BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139779BS

Manual Integrations  
 APPROVED

mohammad  
 10/18/2021 8:34:07 AM

Quant Time: Oct 14 15:26:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 12:29:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 203187   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 839014   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.875  | 164  | 443480   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 753172   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.986 | 240  | 475350   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.439 | 264  | 374503   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 1362922  | 109.58 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.469  | 99   | 1673306  | 104.51 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 1001932  | 74.23  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 486442   | 111.10 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1974366  | 76.79  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 1945504  | 62.34  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 2.669  | 88   | 177732   | 33.56  | ng    | # 100    |
| 3) Pyridine                   | 3.416  | 79   | 410236   | 29.94  | ng    | # 69     |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 199717   | 40.50  | ng    | # 1      |
| 6) Aniline                    | 6.498  | 93   | 685745   | 37.20  | ng    | 93       |
| 8) 2-Chlorophenol             | 6.622  | 128  | 567073   | 41.63  | ng    | 98       |
| 9) Benzaldehyde               | 6.387  | 77   | 312870   | 36.01  | ng    | 93       |
| 10) Phenol                    | 6.481  | 94   | 674312   | 43.31  | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 6.569  | 93   | 514951   | 40.82  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 585687m  | 39.41  | ng    |          |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 591030   | 39.00  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.004  | 146  | 574270   | 40.46  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.975  | 79   | 429357   | 40.46  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 636555   | 39.45  | ng    | 88       |
| 17) 2-Methylphenol            | 7.087  | 107  | 446861   | 41.20  | ng    | 97       |
| 18) Hexachloroethane          | 7.351  | 117  | 211236   | 40.47  | ng    | # 90     |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 338087   | 40.00  | ng    | # 67     |
| 20) 3+4-Methylphenols         | 7.239  | 107  | 539171   | 40.31  | ng    | 88       |
| 22) Acetophenone              | 7.245  | 105  | 715068   | 38.77  | ng    | 94       |
| 24) Nitrobenzene              | 7.416  | 77   | 525822   | 40.20  | ng    | 98       |
| 25) Isophorone                | 7.657  | 82   | 955789   | 39.97  | ng    | 93       |
| 26) 2-Nitrophenol             | 7.734  | 139  | 300810   | 45.48  | ng    | # 92     |
| 27) 2,4-Dimethylphenol        | 7.769  | 122  | 520925   | 47.29  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 625793   | 37.70  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.975  | 162  | 473101   | 39.87  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.057  | 180  | 492132   | 37.82  | ng    | 97       |
| 31) Naphthalene               | 8.139  | 128  | 1597064  | 39.37  | ng    | 99       |
| 32) Benzoic acid              | 7.892  | 122  | 350773   | 45.28  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.186  | 127  | 487324   | 28.70  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.257  | 225  | 265918   | 36.58  | ng    | 99       |
| 35) Caprolactam               | 8.551  | 113  | 156867m  | 45.75  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.669  | 107  | 480423   | 41.44  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 1088233  | 41.42  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 1007469  | 39.52  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 440913   | 37.04  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.986  | 237  | 508734   | 87.09  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.104  | 196  | 341127   | 39.54  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101421\  
 Data File : BF125841.D  
 Acq On : 14 Oct 2021 12:55  
 Operator : JU/CG  
 Sample : PB139779BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139779BS

Manual Integrations  
 APPROVED

mohammad  
 10/18/2021 8:34:07 AM

Quant Time: Oct 14 15:26:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 12:29:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.145  | 196  | 366648   | 39.97  | ng    | 91       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 1232025  | 37.79  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.316  | 162  | 1015987  | 38.38  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.410  | 65   | 281513   | 44.29  | ng    | 90       |
| 49) Acenaphthylene            | 9.733  | 152  | 1564801  | 40.36  | ng    | 98       |
| 50) Dimethylphthalate         | 9.592  | 163  | 1164888  | 39.90  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 268593   | 45.52  | ng    | 96       |
| 52) Acenaphthene              | 9.904  | 154  | 1069271  | 44.14  | ng    | 97       |
| 53) 3-Nitroaniline            | 9.822  | 138  | 233961   | 33.53  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.928  | 184  | 279736   | 111.68 | ng    | # 76     |
| 55) Dibenzofuran              | 10.080 | 168  | 1405606  | 38.74  | ng    | 93       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 488959   | 94.01  | ng    | # 82     |
| 57) 2,4-Dinitrotoluene        | 10.057 | 165  | 361743   | 48.48  | ng    | # 83     |
| 58) Fluorene                  | 10.422 | 166  | 1066059  | 40.11  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.192 | 232  | 286023   | 41.31  | ng    | # 88     |
| 60) Diethylphthalate          | 10.292 | 149  | 1111489  | 39.90  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 476242   | 37.20  | ng    | 90       |
| 62) 4-Nitroaniline            | 10.439 | 138  | 302333   | 46.89  | ng    | # 70     |
| 63) Azobenzene                | 10.569 | 77   | 1012416  | 38.67  | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 181652   | 48.35  | ng    | # 78     |
| 66) n-Nitrosodiphenylamine    | 10.527 | 169  | 983521   | 38.28  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 307147   | 36.82  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 363783   | 38.48  | ng    | # 82     |
| 69) Atrazine                  | 11.057 | 200  | 314723   | 42.20  | ng    | 93       |
| 70) Pentachlorophenol         | 11.163 | 266  | 411010   | 81.34  | ng    | 95       |
| 71) Phenanthrene              | 11.380 | 178  | 1573822  | 39.05  | ng    | 96       |
| 72) Anthracene                | 11.433 | 178  | 1623170  | 40.33  | ng    | 99       |
| 73) Carbazole                 | 11.580 | 167  | 1525157  | 40.72  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 1672844  | 40.45  | ng    | 99       |
| 75) Fluoranthene              | 12.563 | 202  | 1618996  | 44.52  | ng    | 96       |
| 77) Benzidine                 | 12.680 | 184  | 872895   | 50.18  | ng    | 98       |
| 78) Pyrene                    | 12.792 | 202  | 1618040  | 33.51  | ng    | 96       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 649319   | 41.95  | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1178783  | 38.22  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 331109   | 33.98  | ng    | 99       |
| 83) Chrysene                  | 14.015 | 228  | 1208484  | 39.64  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.968 | 149  | 756711   | 44.93  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.580 | 149  | 1166650  | 41.57  | ng    | # 89     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 1101987  | 38.55  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.015 | 252  | 1082673  | 51.21  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 922847   | 42.51  | ng    | # 97     |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 958940   | 51.21  | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 16.904 | 278  | 922242   | 39.11  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.321 | 276  | 988601   | 41.06  | ng    | 93       |

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

