

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102921\  
 Data File : BF126004.D  
 Acq On : 29 Oct 2021 14:33  
 Operator : JU/CG  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

mohammad  
 11/1/2021 1:37:46 PM

Quant Time: Oct 29 17:18:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 29 17:15:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 221949   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 886951   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.892  | 164  | 494276   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.374 | 188  | 873088   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 636193   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.474 | 264  | 540076   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 638560   | 42.855 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.475  | 99   | 855631   | 41.866 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 743402   | 43.294 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 193700   | 44.954 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 1241573  | 44.421 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 1365320  | 35.104 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 147338   | 20.236 | ng    | # 100    |
| 3) Pyridine                   | 3.375  | 79   | 400798   | 20.790 | ng    | # 89     |
| 4) n-Nitrosodimethylamine     | 3.310  | 42   | 198986   | 16.093 | ng    | # 41     |
| 6) Aniline                    | 6.516  | 93   | 517899   | 21.514 | ng    | # 94     |
| 8) 2-Chlorophenol             | 6.634  | 128  | 330101   | 21.948 | ng    | # 76     |
| 9) Benzaldehyde               | 6.398  | 77   | 271586   | 22.208 | ng    | 92       |
| 10) Phenol                    | 6.486  | 94   | 465317   | 23.613 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.586  | 93   | 343561   | 21.650 | ng    | 85       |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 348900   | 21.000 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 351541   | 21.152 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 7.028  | 146  | 332638   | 20.648 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 324035   | 20.943 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.133  | 45   | 665836   | 17.132 | ng    | 98       |
| 17) 2-Methylphenol            | 7.098  | 107  | 283134   | 21.795 | ng    | 93       |
| 18) Hexachloroethane          | 7.369  | 117  | 128422   | 20.380 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 250358   | 21.441 | ng    | # 80     |
| 20) 3+4-Methylphenols         | 7.251  | 107  | 356910   | 21.493 | ng    | 94       |
| 22) Acetophenone              | 7.263  | 105  | 471818   | 20.604 | ng    | 95       |
| 24) Nitrobenzene              | 7.433  | 77   | 375014   | 21.152 | ng    | 90       |
| 25) Isophorone                | 7.675  | 82   | 669474   | 20.473 | ng    | # 87     |
| 26) 2-Nitrophenol             | 7.751  | 139  | 156523   | 27.229 | ng    | # 76     |
| 27) 2,4-Dimethylphenol        | 7.786  | 122  | 260498   | 20.408 | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 7.886  | 93   | 436040   | 21.254 | ng    | # 97     |
| 29) 2,4-Dichlorophenol        | 7.986  | 162  | 266046   | 21.263 | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 303393   | 20.674 | ng    | 96       |
| 31) Naphthalene               | 8.157  | 128  | 929591   | 20.612 | ng    | 99       |
| 32) Benzoic acid              | 7.880  | 122  | 176853   | 22.879 | ng    | 86       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 401356   | 21.596 | ng    | # 91     |
| 34) Hexachlorobutadiene       | 8.280  | 225  | 180655   | 19.587 | ng    | 97       |
| 35) Caprolactam               | 8.563  | 113  | 88301m   | 21.558 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.680  | 107  | 312703   | 21.354 | ng    | 91       |
| 37) 2-Methylnaphthalene       | 8.851  | 142  | 614472   | 21.167 | ng    | 92       |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 604507   | 21.576 | ng    | 89       |
| 40) 1,2,4,5-Tetrachloroben... | 9.016  | 216  | 290969   | 21.370 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.004  | 237  | 146830   | 19.966 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 203220   | 21.869 | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102921\  
 Data File : BF126004.D  
 Acq On : 29 Oct 2021 14:33  
 Operator : JU/CG  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

mohammad  
 11/1/2021 1:37:46 PM

Quant Time: Oct 29 17:18:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 29 17:15:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.157  | 196  | 211517   | 21.574 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 768561   | 21.229 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 567927   | 20.807 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.427  | 65   | 225374   | 23.117 | ng #  | 76       |
| 49) Acenaphthylene            | 9.751  | 152  | 872936   | 21.172 | ng    | 99       |
| 50) Dimethylphthalate         | 9.610  | 163  | 636230   | 20.780 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 139304   | 23.067 | ng #  | 77       |
| 52) Acenaphthene              | 9.922  | 154  | 575141   | 21.464 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.833  | 138  | 162593   | 23.486 | ng #  | 69       |
| 54) 2,4-Dinitrophenol         | 9.939  | 184  | 57470    | 27.480 | ng #  | 82       |
| 55) Dibenzofuran              | 10.092 | 168  | 841901   | 21.036 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.986  | 139  | 127002   | 23.607 | ng #  | 68       |
| 57) 2,4-Dinitrotoluene        | 10.069 | 165  | 182071   | 24.546 | ng #  | 92       |
| 58) Fluorene                  | 10.439 | 166  | 605879   | 20.304 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232  | 180464   | 22.551 | ng #  | 87       |
| 60) Diethylphthalate          | 10.310 | 149  | 651370   | 20.857 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204  | 303149   | 20.584 | ng    | 87       |
| 62) 4-Nitroaniline            | 10.445 | 138  | 151511   | 23.852 | ng #  | 81       |
| 63) Azobenzene                | 10.586 | 77   | 756013   | 20.988 | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 10.474 | 198  | 96691    | 28.175 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 557739   | 21.328 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 200625   | 21.511 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 208864   | 21.242 | ng #  | 85       |
| 69) Atrazine                  | 11.069 | 200  | 180354   | 21.776 | ng    | 92       |
| 70) Pentachlorophenol         | 11.174 | 266  | 120273   | 21.667 | ng    | 96       |
| 71) Phenanthrene              | 11.398 | 178  | 952119   | 21.016 | ng    | 99       |
| 72) Anthracene                | 11.445 | 178  | 960756   | 21.240 | ng    | 98       |
| 73) Carbazole                 | 11.598 | 167  | 931532   | 21.664 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.933 | 149  | 1009880  | 22.045 | ng    | 99       |
| 75) Fluoranthene              | 12.586 | 202  | 1002561  | 21.952 | ng    | 99       |
| 77) Benzidine                 | 12.704 | 184  | 415919   | 20.959 | ng    | 98       |
| 78) Pyrene                    | 12.810 | 202  | 1030514  | 17.406 | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 417854   | 21.697 | ng #  | 85       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 831299   | 19.414 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.962 | 252  | 311454   | 22.940 | ng #  | 98       |
| 83) Chrysene                  | 14.039 | 228  | 870942   | 20.104 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 499500   | 23.940 | ng #  | 98       |
| 85) Di-n-octyl phthalate      | 14.609 | 149  | 894681   | 27.679 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.921 | 276  | 632217   | 16.249 | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 15.045 | 252  | 723001   | 20.282 | ng #  | 97       |
| 89) Benzo(k)fluoranthene      | 15.074 | 252  | 745823   | 21.781 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.409 | 252  | 585396   | 20.341 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.939 | 278  | 518294   | 16.443 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.362 | 276  | 513337   | 15.588 | ng    | 90       |

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

