

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060921\  
 Data File : BM030346.D  
 Acq On : 09 Jun 2021 17:26  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 6/11/2021 1:27:59 PM

Quant Time: Jun 09 18:52:20 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 08 20:51:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 197351   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.640 | 136  | 814687   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.475 | 164  | 552005   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 1216994  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.374 | 240  | 1438371  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.656 | 264  | 1528315  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 942263   | 77.618 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.010  | 99   | 1382609  | 78.674 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.004  | 82   | 1279132  | 76.491 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 560132   | 80.708 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.098 | 172  | 3096612  | 73.772 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.821 | 244  | 5736161  | 70.046 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.352  | 88   | 196786   | 37.497 | ng    | # 87     |
| 3) Pyridine                   | 3.752  | 79   | 509792m  | 38.054 | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.658  | 42   | 259193   | 38.112 | ng    | # 84     |
| 6) Aniline                    | 7.181  | 93   | 734537   | 36.626 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.416  | 128  | 542166   | 38.051 | ng    | 97       |
| 9) Benzaldehyde               | 6.993  | 77   | 284075   | 38.701 | ng    | 93       |
| 10) Phenol                    | 7.040  | 94   | 677361   | 38.153 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.275  | 93   | 537049   | 38.393 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.740  | 146  | 579569   | 36.920 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.887  | 146  | 590445   | 36.909 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.204  | 146  | 574585   | 36.923 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.087  | 79   | 382303   | 30.998 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.375  | 45   | 817345   | 36.312 | ng    | 91       |
| 17) 2-Methylphenol            | 8.287  | 107  | 450766   | 39.181 | ng    | 94       |
| 18) Hexachloroethane          | 8.928  | 117  | 214720   | 37.345 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.657  | 70   | 451518   | 38.696 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.610  | 107  | 617043   | 39.420 | ng    | 97       |
| 22) Acetophenone              | 8.669  | 105  | 842057   | 38.686 | ng    | # 98     |
| 24) Nitrobenzene              | 9.046  | 77   | 645402   | 36.998 | ng    | 98       |
| 25) Isophorone                | 9.569  | 82   | 1220653  | 38.085 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.757  | 139  | 276622   | 37.010 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.810  | 122  | 470877   | 37.955 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.051 | 93   | 668786   | 36.700 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.287 | 162  | 534869   | 38.459 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.504 | 180  | 578770   | 36.458 | ng    | 99       |
| 31) Naphthalene               | 10.693 | 128  | 1731144  | 36.478 | ng    | 99       |
| 32) Benzoic acid              | 9.940  | 122  | 341869   | 36.791 | ng    | 94       |
| 33) 4-Chloroaniline           | 10.798 | 127  | 712097   | 36.870 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.975 | 225  | 343005   | 36.196 | ng    | 96       |
| 35) Caprolactam               | 11.587 | 113  | 181547m  | 39.151 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.916 | 107  | 572592   | 39.305 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.298 | 142  | 1295629  | 37.209 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.516 | 142  | 1223521  | 36.892 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.669 | 216  | 661498   | 37.178 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.651 | 237  | 350679   | 35.946 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.904 | 196  | 466365   | 38.771 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060921\  
 Data File : BM030346.D  
 Acq On : 09 Jun 2021 17:26  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad  
 6/11/2021 1:27:59 PM

Quant Time: Jun 09 18:52:20 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 08 20:51:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.975 | 196  | 504629   | 38.246 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.310 | 154  | 1645532  | 36.811 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.351 | 162  | 1299495  | 35.965 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 382976   | 35.891 | ng    | 99       |
| 49) Acenaphthylene            | 14.198 | 152  | 2052861  | 37.087 | ng    | 99       |
| 50) Dimethylphthalate         | 13.934 | 163  | 1646436  | 37.478 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 379888   | 39.228 | ng    | 98       |
| 52) Acenaphthene              | 14.539 | 154  | 1297240  | 36.690 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.381 | 138  | 379430   | 36.173 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.581 | 184  | 210500   | 40.550 | ng    | 90       |
| 55) Dibenzofuran              | 14.869 | 168  | 2068065  | 36.760 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.675 | 139  | 336922   | 40.973 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 512657   | 38.109 | ng    | 99       |
| 58) Fluorene                  | 15.516 | 166  | 1730152  | 37.277 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 455383   | 39.878 | ng    | # 98     |
| 60) Diethylphthalate          | 15.292 | 149  | 1673929  | 38.117 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 842628   | 36.837 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 414162   | 37.357 | ng    | 89       |
| 63) Azobenzene                | 15.804 | 77   | 1686228  | 38.015 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 309915   | 39.068 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.727 | 169  | 1516650  | 35.835 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 463771   | 32.701 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.522 | 284  | 573152   | 35.641 | ng    | 97       |
| 69) Atrazine                  | 16.674 | 200  | 474334   | 41.848 | ng    | 97       |
| 70) Pentachlorophenol         | 16.857 | 266  | 388235   | 41.248 | ng    | 97       |
| 71) Phenanthrene              | 17.251 | 178  | 2795584  | 36.506 | ng    | 100      |
| 72) Anthracene                | 17.339 | 178  | 2776718  | 37.345 | ng    | 100      |
| 73) Carbazole                 | 17.610 | 167  | 2749592  | 38.777 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.169 | 149  | 3021132  | 40.867 | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 3486915  | 40.115 | ng    | 97       |
| 77) Benzidine                 | 19.451 | 184  | 1162492  | 45.678 | ng    | 98       |
| 78) Pyrene                    | 19.621 | 202  | 3680854  | 33.772 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.510 | 149  | 1472712  | 33.997 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.357 | 228  | 3899072  | 37.246 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.286 | 252  | 1303146  | 41.120 | ng    | 100      |
| 83) Chrysene                  | 21.409 | 228  | 3793597  | 37.288 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149  | 2271698  | 34.743 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.168 | 149  | 3880628  | 38.030 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.986 | 276  | 4548874  | 39.132 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.968 | 252  | 4236674  | 36.627 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.015 | 252  | 3838792  | 33.979 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.556 | 252  | 3774201  | 36.898 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 25.997 | 278  | 3895960  | 38.872 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.697 | 276  | 3698105  | 38.792 | ng    | 97       |

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

