

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051421\  
 Data File : BP005546.D  
 Acq On : 14 May 2021 13:29  
 Operator : CG/JU  
 Sample : PB136339BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136339BSD

Manual Integrations  
 APPROVED

mohammad  
 5/17/2021 11:19:14 AM

Quant Time: May 14 14:02:02 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 12:01:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.675  | 152  | 15414    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.469 | 136  | 47621    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.334 | 164  | 33805    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.087 | 188  | 76816    | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.186 | 240  | 93027    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.492 | 264  | 104298   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.269  | 112  | 113750   | 141.62 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.881  | 99   | 126671   | 126.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.846  | 82   | 105739   | 87.39  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.834 | 330  | 109791   | 114.45 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 271547   | 90.61  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.663 | 244  | 503393   | 91.90  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.158  | 88   | 10176    | 31.59  | ng    | # 90     |
| 3) Pyridine                   | 3.564  | 79   | 27973    | 39.33  | ng    | # 79     |
| 4) n-Nitrosodimethylamine     | 3.481  | 42   | 24555    | 42.93  | ng    | # 6      |
| 6) Aniline                    | 7.016  | 93   | 42822    | 39.62  | ng    | # 79     |
| 8) 2-Chlorophenol             | 7.252  | 128  | 37499    | 43.47  | ng    | 93       |
| 9) Benzaldehyde               | 6.828  | 77   | 28760    | 57.93  | ng    | # 79     |
| 10) Phenol                    | 6.905  | 94   | 44183    | 44.11  | ng    | # 55     |
| 11) bis(2-Chloroethyl)ether   | 7.116  | 93   | 30527    | 44.12  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.564  | 146  | 48225    | 42.02  | ng    | # 89     |
| 13) 1,4-Dichlorobenzene       | 7.711  | 146  | 50026    | 43.73  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.028  | 146  | 45693    | 41.68  | ng    | 96       |
| 15) Benzyl Alcohol            | 7.940  | 79   | 42381    | 43.87  | ng    | # 77     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.216  | 45   | 14272    | 41.78  | ng    | # 56     |
| 17) 2-Methylphenol            | 8.152  | 107  | 29639    | 43.08  | ng    | # 83     |
| 18) Hexachloroethane          | 8.740  | 117  | 20843    | 43.99  | ng    | 86       |
| 19) n-Nitroso-di-n-propyla... | 8.499  | 70   | 30160    | 41.12  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.481  | 107  | 37794    | 41.33  | ng    | # 85     |
| 22) Acetophenone              | 8.511  | 105  | 59331    | 44.16  | ng    | # 85     |
| 24) Nitrobenzene              | 8.893  | 77   | 51414    | 42.36  | ng    | 95       |
| 25) Isophorone                | 9.416  | 82   | 74111    | 39.55  | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.599  | 139  | 21293    | 41.90  | ng    | # 76     |
| 27) 2,4-Dimethylphenol        | 9.675  | 122  | 32090    | 47.71  | ng    | # 78     |
| 28) bis(2-Chloroethoxy)met... | 9.899  | 93   | 36221    | 46.18  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.146 | 162  | 43088    | 40.79  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.340 | 180  | 56871    | 42.15  | ng    | 99       |
| 31) Naphthalene               | 10.522 | 128  | 106620   | 41.64  | ng    | 98       |
| 32) Benzoic acid              | 9.887  | 122  | 18435    | 35.48  | ng    | # 75     |
| 33) 4-Chloroaniline           | 10.657 | 127  | 15973    | 16.02  | ng    | # 88     |
| 34) Hexachlorobutadiene       | 10.793 | 225  | 48732    | 43.30  | ng    | 98       |
| 35) Caprolactam               | 11.469 | 113  | 9398m    | 38.67  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.804 | 107  | 38315    | 40.69  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.146 | 142  | 85319    | 41.53  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.363 | 142  | 79052    | 40.77  | ng    | 92       |
| 40) 1,2,4,5-Tetrachloroben... | 12.516 | 216  | 71738    | 46.19  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.481 | 237  | 74524    | 110.77 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.775 | 196  | 40391    | 41.62  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051421\  
 Data File : BP005546.D  
 Acq On : 14 May 2021 13:29  
 Operator : CG/JU  
 Sample : PB136339BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136339BSD

Manual Integrations  
 APPROVED

mohammad  
 5/17/2021 11:19:14 AM

Quant Time: May 14 14:02:02 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 12:01:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.857 | 196  | 42169    | 40.27 | ng    | 89       |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 119099   | 45.76 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 95721    | 44.17 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.434 | 65   | 27599    | 44.83 | ng    | 94       |
| 49) Acenaphthylene            | 14.057 | 152  | 136184   | 43.62 | ng    | 99       |
| 50) Dimethylphthalate         | 13.804 | 163  | 123002   | 42.15 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.934 | 165  | 26010    | 39.69 | ng    | 88       |
| 52) Acenaphthene              | 14.398 | 154  | 81379    | 41.89 | ng    | 94       |
| 53) 3-Nitroaniline            | 14.269 | 138  | 11867    | 25.27 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.493 | 184  | 31995    | 80.94 | ng    | # 74     |
| 55) Dibenzofuran              | 14.734 | 168  | 149846   | 41.01 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.610 | 139  | 25124    | 70.89 | ng    | # 78     |
| 57) 2,4-Dinitrotoluene        | 14.728 | 165  | 38507    | 39.86 | ng    | # 88     |
| 58) Fluorene                  | 15.387 | 166  | 122733   | 41.14 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 40678    | 38.85 | ng    | 96       |
| 60) Diethylphthalate          | 15.169 | 149  | 116938   | 41.37 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.381 | 204  | 79343    | 42.50 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.440 | 138  | 16540    | 36.67 | ng    | # 74     |
| 63) Azobenzene                | 15.675 | 77   | 119495   | 41.02 | ng    | 86       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 22919    | 37.65 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.604 | 169  | 103128   | 46.00 | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.281 | 248  | 55177    | 46.02 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.392 | 284  | 66241    | 43.56 | ng    | 99       |
| 69) Atrazine                  | 16.569 | 200  | 47493    | 45.35 | ng    | 98       |
| 70) Pentachlorophenol         | 16.751 | 266  | 63373    | 78.54 | ng    | 95       |
| 71) Phenanthrene              | 17.134 | 178  | 188989   | 43.30 | ng    | 99       |
| 72) Anthracene                | 17.222 | 178  | 193050   | 44.57 | ng    | 99       |
| 73) Carbazole                 | 17.510 | 167  | 148888   | 39.03 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.057 | 149  | 177714   | 42.44 | ng    | # 96     |
| 75) Fluoranthene              | 19.110 | 202  | 239070   | 39.82 | ng    | 97       |
| 77) Benzidine                 | 19.304 | 184  | 132446   | 91.98 | ng    | 100      |
| 78) Pyrene                    | 19.463 | 202  | 240656   | 45.69 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.339 | 149  | 76334    | 44.86 | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.175 | 228  | 250791   | 41.60 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.110 | 252  | 79356    | 34.94 | ng    | 97       |
| 83) Chrysene                  | 21.227 | 228  | 249033   | 42.62 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.098 | 149  | 114658   | 44.07 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 21.986 | 149  | 192728   | 44.10 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.898 | 276  | 419487   | 47.81 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 22.792 | 252  | 295347   | 42.50 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 22.839 | 252  | 288684   | 42.48 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.392 | 252  | 285885   | 44.88 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 25.910 | 278  | 363338   | 46.93 | ng    | # 98     |
| 92) Benzo(g,h,i)perylene      | 26.633 | 276  | 346012   | 48.30 | ng    | # 96     |

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

