

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102622\  
 Data File : BM037245.D  
 Acq On : 26 Oct 2022 19:48  
 Operator : CG/JU  
 Sample : PB148383BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB148383BS

Quant Time: Oct 27 08:02:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 27 04:49:27 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 20275    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.692 | 136  | 103154   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.521 | 164  | 79569    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.262 | 188  | 218672   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.439 | 240  | 403095   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.803 | 264  | 540112   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 143270   | 144.876 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.051  | 99   | 210199   | 153.575 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.051  | 82   | 163853   | 90.681  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.004 | 330  | 116678   | 118.292 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.145 | 172  | 461588   | 81.926  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.880 | 244  | 1475428  | 74.878  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 18597    | 45.865  | ng    | 91       |
| 3) Pyridine                   | 3.752  | 79   | 54115    | 45.576  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 28022    | 56.434  | ng    | # 94     |
| 6) Aniline                    | 7.216  | 93   | 94268    | 55.276  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.451  | 128  | 81391    | 62.243  | ng    | 96       |
| 9) Benzaldehyde               | 7.034  | 77   | 38150m   | 50.526  | ng    |          |
| 10) Phenol                    | 7.081  | 94   | 114220   | 74.895  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.316  | 93   | 68332    | 55.145  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.775  | 146  | 71782    | 49.084  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.922  | 146  | 75160    | 49.768  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.239  | 146  | 76247    | 52.186  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.134  | 79   | 68796m   | 66.509  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.416  | 45   | 85004    | 52.257  | ng    | 99       |
| 17) 2-Methylphenol            | 8.334  | 107  | 73192    | 68.832  | ng    | 98       |
| 18) Hexachloroethane          | 8.963  | 117  | 23679    | 45.233  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.698  | 70   | 53450    | 53.994  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.663  | 107  | 99569    | 67.848  | ng    | 98       |
| 22) Acetophenone              | 8.716  | 105  | 116369   | 48.230  | ng    | # 98     |
| 24) Nitrobenzene              | 9.098  | 77   | 86590    | 46.857  | ng    | 97       |
| 25) Isophorone                | 9.622  | 82   | 151727   | 48.337  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.804  | 139  | 34696    | 41.117  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.869  | 122  | 82468    | 63.988  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.104 | 93   | 98007    | 51.736  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.339 | 162  | 84452    | 53.331  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.551 | 180  | 75301    | 42.624  | ng    | 94       |
| 31) Naphthalene               | 10.739 | 128  | 252556   | 45.869  | ng    | 99       |
| 32) Benzoic acid              | 9.957  | 122  | 44688    | 39.845  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.857 | 127  | 99577    | 46.043  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.016 | 225  | 41876    | 37.503  | ng    | 98       |
| 35) Caprolactam               | 11.651 | 113  | 33084    | 70.419  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.980 | 107  | 95949    | 62.508  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.351 | 142  | 188056   | 49.709  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.563 | 142  | 182434   | 49.123  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.716 | 216  | 102522   | 41.872  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.686 | 237  | 88297    | 71.940  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.957 | 196  | 71715    | 44.167  | ng    | 99       |

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| 44) 2,4,5-Trichlorophenol     | 13.027 | 196  | 85457    | 47.496  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.357 | 154  | 268833   | 45.901  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.398 | 162  | 206903   | 44.540  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.610 | 65   | 62281    | 50.941  | ng    | 97       |
| 49) Acenaphthylene            | 14.245 | 152  | 353666   | 48.530  | ng    | 100      |
| 50) Dimethylphthalate         | 13.980 | 163  | 301094   | 51.860  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.104 | 165  | 62764    | 52.026  | ng    | 95       |
| 52) Acenaphthene              | 14.586 | 154  | 210499   | 46.907  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.439 | 138  | 63242    | 48.638  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.645 | 184  | 79700    | 93.596  | ng    | 98       |
| 55) Dibenzofuran              | 14.916 | 168  | 371841   | 51.723  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.739 | 139  | 159213   | 148.418 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.892 | 165  | 94179    | 52.918  | ng    | 97       |
| 58) Fluorene                  | 15.563 | 166  | 308123   | 52.575  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.145 | 232  | 86085    | 52.900  | ng    | 97       |
| 60) Diethylphthalate          | 15.339 | 149  | 306310   | 53.970  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.563 | 204  | 146878   | 50.345  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.592 | 138  | 84290    | 56.483  | ng    | 96       |
| 63) Azobenzene                | 15.851 | 77   | 262502   | 51.474  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 51266    | 36.428  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.774 | 169  | 280684   | 43.473  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.451 | 248  | 94548    | 40.323  | ng    | 92       |
| 68) Hexachlorobenzene         | 16.562 | 284  | 123779   | 43.611  | ng    | 96       |
| 69) Atrazine                  | 16.727 | 200  | 110278   | 57.868  | ng    | 98       |
| 70) Pentachlorophenol         | 16.910 | 266  | 171606   | 101.159 | ng    | 98       |
| 71) Phenanthrene              | 17.304 | 178  | 594586   | 48.802  | ng    | 99       |
| 72) Anthracene                | 17.392 | 178  | 578004   | 49.676  | ng    | 100      |
| 73) Carbazole                 | 17.668 | 167  | 631056   | 59.528  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.227 | 149  | 575453   | 46.712  | ng    | 99       |
| 75) Fluoranthene              | 19.315 | 202  | 838856   | 59.645  | ng    | 99       |
| 77) Benzidine                 | 19.509 | 184  | 646397   | 108.296 | ng    | 100      |
| 78) Pyrene                    | 19.680 | 202  | 940894   | 35.344  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.574 | 149  | 358901   | 37.423  | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.421 | 228  | 1235863  | 47.435  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.362 | 252  | 437318   | 57.119  | ng    | 100      |
| 83) Chrysene                  | 21.474 | 228  | 1212138  | 48.487  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 571162   | 41.362  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.262 | 149  | 1119786  | 50.353  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.262 | 276  | 2355956  | 66.163  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.086 | 252  | 1662023  | 48.150  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.133 | 252  | 1592908  | 44.751  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.703 | 252  | 1483079  | 53.228  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.274 | 278  | 2086413  | 69.615  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.021 | 276  | 2108364  | 74.749  | ng    | 99       |

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

