

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063022\  
 Data File : BF129055.D  
 Acq On : 30 Jun 2022 13:25  
 Operator : CG\JU  
 Sample : PB145775BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145775BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/01/2022  
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 05:41:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:05:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 470851   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.246  | 136  | 1832293  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.004 | 164  | 952877   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.498 | 188  | 1702750  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.151 | 240  | 1202147  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.669 | 264  | 971213   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.599  | 112  | 2951139  | 105.963 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.587  | 99   | 3685790  | 106.558 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.528  | 82   | 2335499  | 76.027  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.798 | 330  | 1173391  | 113.249 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.322  | 172  | 4090195  | 68.670  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.086 | 244  | 4563762  | 78.836  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.911  | 88   | 367123   | 29.567  | ng    | 88       |
| 3) Pyridine                   | 3.711  | 79   | 922452   | 30.420  | ng    | 86       |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 548116   | 39.897  | ng    | # 82     |
| 6) Aniline                    | 6.628  | 93   | 1435832  | 37.117  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.746  | 128  | 1241191  | 42.419  | ng    | 95       |
| 9) Benzaldehyde               | 6.510  | 77   | 209792   | 9.592   | ng    | 98       |
| 10) Phenol                    | 6.599  | 94   | 1463774  | 41.768  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.693  | 93   | 1175606  | 42.382  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.899  | 146  | 1295510  | 40.220  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.975  | 146  | 1316472  | 40.520  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.128  | 146  | 1260705  | 41.279  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.104  | 79   | 994162   | 40.860  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228  | 45   | 1631020  | 41.169  | ng    | 92       |
| 17) 2-Methylphenol            | 7.204  | 107  | 996761   | 41.862  | ng    | 98       |
| 18) Hexachloroethane          | 7.469  | 117  | 475463   | 41.685  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 833379   | 41.650  | ng    | 88       |
| 20) 3+4-Methylphenols         | 7.357  | 107  | 1242411  | 41.033  | ng    | # 88     |
| 22) Acetophenone              | 7.369  | 105  | 1657630  | 39.437  | ng    | 95       |
| 24) Nitrobenzene              | 7.546  | 77   | 1245293  | 41.897  | ng    | 91       |
| 25) Isophorone                | 7.787  | 82   | 2274354  | 43.808  | ng    | 96       |
| 26) 2-Nitrophenol             | 7.857  | 139  | 646218   | 46.781  | ng    | # 87     |
| 27) 2,4-Dimethylphenol        | 7.893  | 122  | 1174378  | 47.090  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.987  | 93   | 1427702  | 40.042  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.098  | 162  | 1026209  | 40.343  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.181  | 180  | 1093929  | 39.080  | ng    | 97       |
| 31) Naphthalene               | 8.263  | 128  | 3331323  | 40.049  | ng    | 98       |
| 32) Benzoic acid              | 8.016  | 122  | 818652   | 40.914  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.310  | 127  | 947415   | 28.266  | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.381  | 225  | 651061   | 38.953  | ng    | 100      |
| 35) Caprolactam               | 8.698  | 113  | 319392m  | 39.596  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.793  | 107  | 1065080  | 41.210  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 8.957  | 142  | 2262313  | 40.419  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.057  | 142  | 2181804  | 40.139  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.122  | 216  | 1055507  | 39.408  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.110  | 237  | 1327916  | 93.926  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.234  | 196  | 739403   | 40.530  | ng    | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.275  | 196  | 790976   | 40.761 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.422  | 154  | 2734332  | 39.914 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.445  | 162  | 2086025  | 39.432 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.545  | 65   | 626429   | 44.959 | ng    | # 78     |
| 49) Acenaphthylene            | 9.869  | 152  | 3369393  | 41.916 | ng    | 96       |
| 50) Dimethylphthalate         | 9.722  | 163  | 2426060  | 40.697 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.787  | 165  | 561471   | 46.093 | ng    | 90       |
| 52) Acenaphthene              | 10.040 | 154  | 2331006  | 44.518 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.957  | 138  | 496485   | 34.178 | ng    | # 87     |
| 54) 2,4-Dinitrophenol         | 10.063 | 184  | 613344   | 91.983 | ng    | # 79     |
| 55) Dibenzofuran              | 10.210 | 168  | 3003389  | 39.392 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.116 | 139  | 1001196  | 84.354 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.192 | 165  | 740744   | 49.257 | ng    | # 83     |
| 58) Fluorene                  | 10.557 | 166  | 2326520  | 39.449 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.328 | 232  | 667178   | 41.500 | ng    | 99       |
| 60) Diethylphthalate          | 10.422 | 149  | 2413187  | 40.400 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204  | 1165162  | 39.653 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.581 | 138  | 613015   | 42.556 | ng    | 88       |
| 63) Azobenzene                | 10.704 | 77   | 2286997  | 39.078 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.598 | 198  | 356380   | 47.308 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.663 | 169  | 2104940  | 40.704 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 11.034 | 248  | 738199   | 40.756 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.104 | 284  | 833032   | 41.303 | ng    | # 91     |
| 69) Atrazine                  | 11.192 | 200  | 670422   | 46.071 | ng    | 99       |
| 70) Pentachlorophenol         | 11.298 | 266  | 1023117  | 85.168 | ng    | 98       |
| 71) Phenanthrene              | 11.522 | 178  | 3260492  | 40.076 | ng    | 95       |
| 72) Anthracene                | 11.575 | 178  | 3249449  | 40.510 | ng    | 95       |
| 73) Carbazole                 | 11.728 | 167  | 3123079  | 38.856 | ng    | 97       |
| 74) Di-n-butylphthalate       | 12.051 | 149  | 3474491  | 40.999 | ng    | 97       |
| 75) Fluoranthene              | 12.716 | 202  | 3418656  | 40.180 | ng    | 95       |
| 77) Benzidine                 | 12.833 | 184  | 1297331  | 60.606 | ng    | 99       |
| 78) Pyrene                    | 12.945 | 202  | 3515574  | 42.190 | ng    | 96       |
| 80) Butylbenzylphthalate      | 13.557 | 149  | 1474869  | 43.447 | ng    | 94       |
| 81) Benzo(a)anthracene        | 14.139 | 228  | 3052593  | 41.588 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 14.098 | 252  | 830706   | 52.377 | ng    | 96       |
| 83) Chrysene                  | 14.175 | 228  | 2716872  | 39.870 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149  | 2023308  | 44.848 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.733 | 149  | 2898926  | 43.528 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.227 | 276  | 2507511  | 42.096 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.216 | 252  | 2713473  | 46.457 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.251 | 252  | 2454439  | 43.325 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.610 | 252  | 2412640  | 50.670 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.251 | 278  | 2198104  | 45.267 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.710 | 276  | 2148934  | 44.110 | ng    | 99       |

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

