

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022122\  
 Data File : BF126977.D  
 Acq On : 21 Feb 2022 17:00  
 Operator : CG\JU  
 Sample : N1600-06MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C0AA7MS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022  
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 03:45:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 21 13:16:57 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 84241    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.210  | 136  | 311161   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.975  | 164  | 153132   | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 11.463 | 188  | 235976   | 20.000  | ng    | 0.01     |
| 76) Chrysene-d12              | 14.092 | 240  | 128362   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.586 | 264  | 157858   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.545  | 112  | 506534   | 92.934  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.545  | 99   | 676863   | 92.032  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 490196   | 71.108  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 125815   | 71.360  | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.286  | 172  | 666041   | 64.031  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 513016   | 58.752  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.793  | 88   | 112491   | 45.103  | ng    | 96       |
| 3) Pyridine                   | 3.557  | 79   | 268707   | 41.075  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.522  | 42   | 169358   | 52.848  | ng    | # 69     |
| 6) Aniline                    | 6.581  | 93   | 169579   | 19.460  | ng    | 96       |
| 8) 2-Chlorophenol             | 6.704  | 128  | 301565   | 51.566  | ng    | 98       |
| 9) Benzaldehyde               | 6.475  | 77   | 211062   | 47.145  | ng    | # 66     |
| 10) Phenol                    | 6.557  | 94   | 393715   | 52.981  | ng    | 79       |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 296844   | 50.929  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.863  | 146  | 313129   | 49.636  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.940  | 146  | 311785   | 48.750  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 7.092  | 146  | 295332   | 48.423  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.063  | 79   | 306183   | 49.417  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198  | 45   | 368213   | 40.118  | ng    | # 52     |
| 17) 2-Methylphenol            | 7.169  | 107  | 247423   | 48.901  | ng    | # 87     |
| 18) Hexachloroethane          | 7.434  | 117  | 147166   | 60.032  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.334  | 70   | 288670   | 60.912  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.322  | 107  | 317157   | 48.272  | ng    | # 84     |
| 22) Acetophenone              | 7.334  | 105  | 699903m  | 85.431  | ng    |          |
| 24) Nitrobenzene              | 7.504  | 77   | 333860   | 51.266  | ng    | # 93     |
| 25) Isophorone                | 7.745  | 82   | 700035   | 61.368  | ng    | # 92     |
| 26) 2-Nitrophenol             | 7.822  | 139  | 149737   | 54.004  | ng    | # 61     |
| 27) 2,4-Dimethylphenol        | 7.857  | 122  | 266231   | 58.448  | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 336509   | 48.659  | ng    | # 87     |
| 29) 2,4-Dichlorophenol        | 8.063  | 162  | 221739   | 51.779  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 234538   | 48.987  | ng    | 98       |
| 31) Naphthalene               | 8.234  | 128  | 892993   | 54.977  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.275  | 127  | 121456   | 18.997  | ng    | # 83     |
| 34) Hexachlorobutadiene       | 8.345  | 225  | 141855   | 50.751  | ng    | 98       |
| 35) Caprolactam               | 8.657  | 113  | 62743    | 41.956  | ng    | # 1      |
| 36) 4-Chloro-3-methylphenol   | 8.757  | 107  | 275643   | 50.364  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.928  | 142  | 690935   | 65.554  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 9.028  | 142  | 586692   | 58.129  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.092  | 216  | 206519   | 51.233  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 9.075  | 237  | 258335   | 118.163 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.198  | 196  | 127270   | 43.048  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol     | 9.245  | 196  | 132877   | 42.710  | ng    | # 77     |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 9.392  | 154  | 658605   | 54.285 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.416  | 162  | 435452   | 48.400 | ng    | 92       |
| 48) 2-Nitroaniline            | 9.510  | 65   | 178805   | 50.363 | ng    | 94       |
| 49) Acenaphthylene            | 9.839  | 152  | 729983   | 49.950 | ng    | 97       |
| 50) Dimethylphthalate         | 9.692  | 163  | 511658   | 46.745 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.751  | 165  | 119948   | 53.862 | ng    | # 74     |
| 52) Acenaphthene              | 10.010 | 154  | 432445   | 45.500 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.922  | 138  | 104681   | 38.455 | ng    | # 97     |
| 54) 2,4-Dinitrophenol         | 10.022 | 184  | 18605    | 15.784 | ng    | # 28     |
| 55) Dibenzofuran              | 10.180 | 168  | 614033   | 46.983 | ng    | 90       |
| 56) 4-Nitrophenol             | 10.075 | 139  | 143933   | 71.589 | ng    | # 72     |
| 57) 2,4-Dinitrotoluene        | 10.157 | 165  | 147684   | 49.048 | ng    | # 93     |
| 58) Fluorene                  | 10.522 | 166  | 497479   | 48.868 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.292 | 232  | 74198    | 30.083 | ng    | # 25     |
| 60) Diethylphthalate          | 10.386 | 149  | 520822   | 45.537 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 10.510 | 204  | 221520   | 46.147 | ng    | 89       |
| 62) 4-Nitroaniline            | 10.533 | 138  | 107419   | 39.961 | ng    | # 70     |
| 63) Azobenzene                | 10.675 | 77   | 559496   | 43.932 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 10.557 | 198  | 22306    | 16.088 | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.628 | 169  | 458057   | 59.197 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 11.004 | 248  | 136579   | 51.802 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.075 | 284  | 146355   | 51.563 | ng    | 95       |
| 69) Atrazine                  | 11.157 | 200  | 148302   | 61.795 | ng    | 99       |
| 70) Pentachlorophenol         | 11.257 | 266  | 72116    | 46.544 | ng    | 96       |
| 71) Phenanthrene              | 11.486 | 178  | 669576   | 50.695 | ng    | 99       |
| 72) Anthracene                | 11.539 | 178  | 649948   | 49.430 | ng    | 99       |
| 73) Carbazole                 | 11.686 | 167  | 557158   | 46.206 | ng    | 95       |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 735645   | 47.456 | ng    | # 98     |
| 75) Fluoranthene              | 12.674 | 202  | 539980   | 43.057 | ng    | 92       |
| 77) Benzidine                 | 12.786 | 184  | 129368   | 37.086 | ng    | # 93     |
| 78) Pyrene                    | 12.904 | 202  | 533697   | 47.857 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.510 | 149  | 239539   | 45.372 | ng    | 87       |
| 81) Benzo(a)anthracene        | 14.086 | 228  | 416214   | 48.097 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 22337    | 8.190  | ng    | 100      |
| 83) Chrysene                  | 14.121 | 228  | 385207   | 47.336 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 317167   | 45.759 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 541543   | 54.264 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.121 | 276  | 586864   | 56.697 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 15.145 | 252  | 483635   | 45.616 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 15.180 | 252  | 428955   | 41.947 | ng    | # 93     |
| 90) Benzo(a)pyrene            | 15.527 | 252  | 468384   | 56.558 | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene    | 17.139 | 278  | 503598   | 58.826 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 17.592 | 276  | 491086   | 58.187 | ng    | # 84     |

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

