

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040622\  
 Data File : BF127640.D  
 Acq On : 06 Apr 2022 10:12  
 Operator : CG\JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/07/2022  
 Supervised By : Jagrut Upadhyay 04/07/2022

Quant Time: Apr 06 13:13:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 06 13:12:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 135292   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 498300   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.010 | 164  | 288528   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 536112   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.151 | 240  | 433051   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.680 | 264  | 351405   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.569  | 112  | 99657    | 11.758 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.563  | 99   | 128955   | 11.131 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.522  | 82   | 110960   | 9.519  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.792 | 330  | 34240    | 11.140 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.322  | 172  | 245865   | 12.443 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.086 | 244  | 290366   | 10.976 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.840  | 88   | 22010    | 5.912  | ng    | 91       |
| 3) Pyridine                   | 3.598  | 79   | 59525    | 5.665  | ng    | # 82     |
| 4) n-Nitrosodimethylamine     | 3.546  | 42   | 30708    | 5.323  | ng    | 88       |
| 6) Aniline                    | 6.622  | 93   | 73073    | 5.285  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.739  | 128  | 50740    | 5.858  | ng    | 95       |
| 10) Phenol                    | 6.575  | 94   | 64451    | 5.108  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.692  | 93   | 53353    | 5.779  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 6.904  | 146  | 57948    | 5.948  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.981  | 146  | 59928    | 6.116  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.133  | 146  | 55379    | 5.802  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.092  | 79   | 54878m   | 6.518  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 7.234  | 45   | 82802    | 4.984  | ng    | 98       |
| 17) 2-Methylphenol            | 7.192  | 107  | 41729    | 5.709  | ng    | 99       |
| 18) Hexachloroethane          | 7.475  | 117  | 21038    | 5.864  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.363  | 70   | 41015    | 5.906  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.345  | 107  | 56173    | 6.230  | ng    | # 54     |
| 22) Acetophenone              | 7.363  | 105  | 77343    | 6.072  | ng    | # 85     |
| 24) Nitrobenzene              | 7.539  | 77   | 55325    | 4.976  | ng    | 97       |
| 25) Isophorone                | 7.775  | 82   | 104634   | 5.636  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.857  | 139  | 15668    | 3.360  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.881  | 122  | 44374    | 6.327  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 7.986  | 93   | 68587    | 5.687  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.092  | 162  | 44532    | 5.593  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.186  | 180  | 52473    | 5.656  | ng    | 97       |
| 31) Naphthalene               | 8.269  | 128  | 150834   | 5.701  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.310  | 127  | 58901    | 5.746  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.380  | 225  | 35102    | 5.958  | ng    | 96       |
| 35) Caprolactam               | 8.639  | 113  | 12927    | 5.266  | ng    | # 71     |
| 36) 4-Chloro-3-methylphenol   | 8.775  | 107  | 45714    | 5.292  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.963  | 142  | 101236   | 5.951  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.063  | 142  | 98328    | 5.846  | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 9.122  | 216  | 54427    | 5.933  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.110  | 237  | 27673    | 13.081 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.233  | 196  | 34455    | 6.213  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 9.263  | 196  | 35569    | 6.231  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.422  | 154  | 126692   | 5.814  | ng    | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 47) 2-Chloronaphthalene       | 9.451  | 162  | 101138   | 5.894 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.539  | 65   | 23524    | 3.577 | ng    | 96       |
| 49) Acenaphthylene            | 9.869  | 152  | 154546   | 5.957 | ng    | 99       |
| 50) Dimethylphthalate         | 9.716  | 163  | 118718   | 5.914 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.780  | 165  | 19565    | 4.643 | ng    | 93       |
| 52) Acenaphthene              | 10.039 | 154  | 95992    | 6.342 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.951  | 138  | 20579    | 4.452 | ng    | # 94     |
| 55) Dibenzofuran              | 10.216 | 168  | 145364   | 5.892 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.086 | 139  | 15998    | 6.801 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.180 | 165  | 21876    | 4.034 | ng    | 93       |
| 58) Fluorene                  | 10.557 | 166  | 112322   | 5.756 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232  | 31167    | 6.175 | ng    | 98       |
| 60) Diethylphthalate          | 10.422 | 149  | 116289   | 6.343 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.551 | 204  | 59015    | 5.689 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.557 | 138  | 19194    | 4.434 | ng    | 86       |
| 63) Azobenzene                | 10.710 | 77   | 126478   | 5.847 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.663 | 169  | 94625    | 5.798 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 11.045 | 248  | 36765    | 5.874 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.104 | 284  | 39277    | 5.749 | ng    | 98       |
| 69) Atrazine                  | 11.186 | 200  | 34787    | 6.403 | ng    | 94       |
| 70) Pentachlorophenol         | 11.292 | 266  | 21024    | 9.581 | ng    | 96       |
| 71) Phenanthrene              | 11.527 | 178  | 169280   | 6.057 | ng    | 99       |
| 72) Anthracene                | 11.574 | 178  | 162950   | 5.875 | ng    | 99       |
| 73) Carbazole                 | 11.727 | 167  | 155917   | 5.878 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.063 | 149  | 178131   | 6.488 | ng    | 99       |
| 75) Fluoranthene              | 12.716 | 202  | 186871   | 6.079 | ng    | 99       |
| 77) Benzidine                 | 12.839 | 184  | 60520    | 5.861 | ng    | 99       |
| 78) Pyrene                    | 12.945 | 202  | 190449   | 5.124 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.568 | 149  | 64141    | 5.244 | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.139 | 228  | 159629   | 5.512 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.098 | 252  | 47258    | 5.552 | ng    | 99       |
| 83) Chrysene                  | 14.174 | 228  | 155516   | 5.671 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.127 | 149  | 99626    | 7.046 | ng    | 94       |
| 85) Di-n-octyl phthalate      | 14.751 | 149  | 134509   | 7.149 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.227 | 276  | 96834    | 4.072 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.215 | 252  | 121223   | 5.471 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.251 | 252  | 121196   | 5.276 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.609 | 252  | 94742    | 5.210 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.256 | 278  | 78218    | 3.984 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.703 | 276  | 81592    | 4.021 | ng    | 97       |

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

