

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032321\  
 Data File : BF123401.D  
 Acq On : 23 Mar 2021 13:22  
 Operator : JU/CG  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

mohammad  
 3/24/2021 1:32:52 PM

Quant Time: Mar 23 14:09:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 23 14:03:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 226857   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 810794   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.963  | 164  | 455542   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.451 | 188  | 804779   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.104 | 240  | 569758   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.604 | 264  | 468856   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1080335  | 67.63  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 1445372  | 69.66  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 1237723  | 89.66  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.757 | 330  | 418280   | 131.38 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 2256775  | 90.18  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.045 | 244  | 2634709  | 90.04  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.705  | 88   | 266314   | 35.85  | ng    | # 67     |
| 3) Pyridine                   | 3.469  | 79   | 691505   | 35.37  | ng    | # 57     |
| 4) n-Nitrosodimethylamine     | 3.422  | 42   | 423798   | 48.82  | ng    | # 69     |
| 6) Aniline                    | 6.581  | 93   | 899740   | 36.80  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.698  | 128  | 596875   | 34.62  | ng    | 86       |
| 9) Benzaldehyde               | 6.463  | 77   | 357114   | 33.21  | ng    | 94       |
| 10) Phenol                    | 6.551  | 94   | 740553   | 34.29  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.651  | 93   | 595911   | 36.10  | ng    | 84       |
| 12) 1,3-Dichlorobenzene       | 6.857  | 146  | 639698   | 37.39  | ng    | # 94     |
| 13) 1,4-Dichlorobenzene       | 6.934  | 146  | 643687   | 36.04  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.087  | 146  | 595991   | 34.35  | ng    | 96       |
| 15) Benzyl Alcohol            | 7.051  | 79   | 591327   | 44.49  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.192  | 45   | 1355934  | 49.76  | ng    | 85       |
| 17) 2-Methylphenol            | 7.157  | 107  | 500417   | 36.67  | ng    | 99       |
| 18) Hexachloroethane          | 7.434  | 117  | 250008   | 40.34  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.334  | 70   | 474416   | 41.65  | ng    | # 76     |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 617253   | 37.46  | ng    | # 83     |
| 22) Acetophenone              | 7.328  | 105  | 779146   | 40.19  | ng    | # 94     |
| 24) Nitrobenzene              | 7.498  | 77   | 669974   | 43.83  | ng    | 93       |
| 25) Isophorone                | 7.739  | 82   | 1281584  | 44.73  | ng    | 97       |
| 26) 2-Nitrophenol             | 7.816  | 139  | 264452   | 31.99  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.845  | 122  | 523350   | 43.77  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.945  | 93   | 694735   | 41.79  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.051  | 162  | 517825   | 44.40  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.139  | 180  | 557120   | 49.15  | ng    | 99       |
| 31) Naphthalene               | 8.222  | 128  | 1689542  | 39.79  | ng    | 99       |
| 32) Benzoic acid              | 7.957  | 122  | 326711   | 36.99  | ng    | 95       |
| 33) 4-Chloroaniline           | 8.269  | 127  | 705640   | 40.37  | ng    | # 95     |
| 34) Hexachlorobutadiene       | 8.345  | 225  | 343139   | 61.83  | ng    | 99       |
| 35) Caprolactam               | 8.639  | 113  | 161475m  | 39.99  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.739  | 107  | 549791   | 44.91  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.916  | 142  | 1157043  | 41.29  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.016  | 142  | 1089315  | 41.35  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.081  | 216  | 513636   | 47.98  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.075  | 237  | 306987   | 83.61  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.186  | 196  | 373201   | 43.59  | ng    | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.228  | 196  | 394225   | 42.58 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.381  | 154  | 1316719  | 35.45 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.404  | 162  | 1072840  | 36.42 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.498  | 65   | 377586   | 39.15 | ng #  | 75       |
| 49) Acenaphthylene            | 9.828  | 152  | 1701834  | 37.46 | ng    | 100      |
| 50) Dimethylphthalate         | 9.686  | 163  | 1257966  | 39.07 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.739  | 165  | 283720   | 37.01 | ng #  | 67       |
| 52) Acenaphthene              | 9.998  | 154  | 1063105  | 39.82 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.910  | 138  | 301377   | 31.33 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 10.010 | 184  | 105965   | 27.62 | ng #  | 75       |
| 55) Dibenzofuran              | 10.169 | 168  | 1522596  | 37.90 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.057 | 139  | 243401   | 37.95 | ng #  | 72       |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 365378   | 37.38 | ng #  | 86       |
| 58) Fluorene                  | 10.516 | 166  | 1136975  | 37.94 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.281 | 232  | 330566   | 50.55 | ng    | 93       |
| 60) Diethylphthalate          | 10.386 | 149  | 1259975  | 39.52 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204  | 564658   | 46.45 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.528 | 138  | 281709   | 29.50 | ng    | 94       |
| 63) Azobenzene                | 10.669 | 77   | 1347212  | 39.50 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 10.557 | 198  | 173693   | 30.68 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 10.622 | 169  | 1045377  | 36.32 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.998 | 248  | 379359   | 49.50 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.063 | 284  | 413906   | 52.05 | ng    | 98       |
| 69) Atrazine                  | 11.151 | 200  | 354587   | 46.19 | ng    | 96       |
| 70) Pentachlorophenol         | 11.251 | 266  | 273246   | 63.35 | ng    | 98       |
| 71) Phenanthrene              | 11.480 | 178  | 1732110  | 35.27 | ng    | 99       |
| 72) Anthracene                | 11.533 | 178  | 1748006  | 35.38 | ng    | 99       |
| 73) Carbazole                 | 11.680 | 167  | 1677765  | 33.35 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.016 | 149  | 1957438  | 34.26 | ng    | 99       |
| 75) Fluoranthene              | 12.669 | 202  | 1915791  | 42.00 | ng    | 98       |
| 77) Benzidine                 | 12.786 | 184  | 689070   | 33.29 | ng    | 99       |
| 78) Pyrene                    | 12.904 | 202  | 1930992  | 36.95 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.521 | 149  | 818776   | 33.22 | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.092 | 228  | 1483059  | 39.48 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.057 | 252  | 524373   | 40.88 | ng    | 98       |
| 83) Chrysene                  | 14.133 | 228  | 1536915  | 39.63 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.086 | 149  | 1044843  | 35.18 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.710 | 149  | 1713708  | 33.94 | ng #  | 86       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.127 | 276  | 1079305  | 34.35 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.163 | 252  | 1343672  | 39.88 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.198 | 252  | 1218283  | 40.36 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.545 | 252  | 1124457  | 37.84 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.151 | 278  | 931930   | 35.91 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.592 | 276  | 888640   | 32.21 | ng    | 99       |

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

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