

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070821\  
 Data File : BP006137.D  
 Acq On : 08 Jul 2021 13:30  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 08 14:20:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 07 16:08:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 183240   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.675 | 136  | 718031   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.516 | 164  | 407849   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 759799   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.345 | 240  | 717523   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.745 | 264  | 792326   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.452  | 112  | 884164   | 83.024 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.058  | 99   | 1168330  | 82.940 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.046  | 82   | 942901   | 82.947 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.010 | 330  | 377157   | 77.673 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.140 | 172  | 2217932  | 80.394 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.816 | 244  | 2944557  | 80.911 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.317  | 88   | 173772   | 41.587 | ng    | 90       |
| 3) Pyridine                   | 3.734  | 79   | 469188   | 44.192 | ng    | # 88     |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 178014   | 42.628 | ng    | # 89     |
| 6) Aniline                    | 7.205  | 93   | 612532   | 41.213 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.446  | 128  | 507265   | 40.670 | ng    | 98       |
| 9) Benzaldehyde               | 7.022  | 77   | 308478   | 40.125 | ng    | 94       |
| 10) Phenol                    | 7.087  | 94   | 558026   | 41.247 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.305  | 93   | 415080   | 40.603 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.764  | 146  | 531897   | 39.800 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.911  | 146  | 540146   | 39.574 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.228  | 146  | 517463   | 39.824 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.128  | 79   | 358179   | 42.059 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.411  | 45   | 499792   | 41.165 | ng    | 89       |
| 17) 2-Methylphenol            | 8.334  | 107  | 379816   | 41.269 | ng    | 95       |
| 18) Hexachloroethane          | 8.946  | 117  | 183745   | 40.438 | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.693  | 70   | 317509   | 41.345 | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.669  | 107  | 515206   | 41.436 | ng    | 94       |
| 22) Acetophenone              | 8.711  | 105  | 672508   | 41.150 | ng    | # 98     |
| 24) Nitrobenzene              | 9.087  | 77   | 480589   | 41.803 | ng    | 94       |
| 25) Isophorone                | 9.616  | 82   | 891296   | 41.303 | ng    | 97       |
| 26) 2-Nitrophenol             | 9.799  | 139  | 264132   | 41.327 | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 9.869  | 122  | 391047   | 41.449 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.093 | 93   | 496427   | 41.510 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.346 | 162  | 426014   | 41.097 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.546 | 180  | 440827   | 39.942 | ng    | 98       |
| 31) Naphthalene               | 10.728 | 128  | 1505531  | 40.221 | ng    | 100      |
| 32) Benzoic acid              | 10.063 | 122  | 264701   | 38.535 | ng    | 94       |
| 33) 4-Chloroaniline           | 10.852 | 127  | 597480   | 41.350 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.005 | 225  | 237483   | 39.080 | ng    | 98       |
| 35) Caprolactam               | 11.669 | 113  | 137661   | 42.127 | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 11.993 | 107  | 465254   | 41.563 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.340 | 142  | 1044847  | 40.231 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.557 | 142  | 984614   | 40.060 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.710 | 216  | 409122   | 40.439 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.681 | 237  | 61461    | 39.311 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.963 | 196  | 300211   | 41.016 | ng    | 95       |

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| 44) 2,4,5-Trichlorophenol     | 13.046 | 196  | 316164   | 40.261 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 13.351 | 154  | 1241169  | 40.535 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.393 | 162  | 947552   | 40.226 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.610 | 65   | 250104   | 42.728 | ng    | 90       |
| 49) Acenaphthylene            | 14.240 | 152  | 1540493  | 40.614 | ng    | 100      |
| 50) Dimethylphthalate         | 13.981 | 163  | 1174079  | 40.033 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.104 | 165  | 272469   | 41.208 | ng    | 95       |
| 52) Acenaphthene              | 14.575 | 154  | 921868   | 39.955 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.440 | 138  | 280359   | 41.851 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.663 | 184  | 115554   | 38.455 | ng    | 96       |
| 55) Dibenzofuran              | 14.916 | 168  | 1443235  | 40.182 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.781 | 139  | 180869   | 39.041 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 367517   | 41.270 | ng    | 98       |
| 58) Fluorene                  | 15.563 | 166  | 1165726  | 40.399 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.151 | 232  | 245227   | 39.909 | ng    | # 72     |
| 60) Diethylphthalate          | 15.334 | 149  | 1215039  | 40.398 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.551 | 204  | 499618   | 39.496 | ng    | # 89     |
| 62) 4-Nitroaniline            | 15.604 | 138  | 259954   | 38.603 | ng    | # 85     |
| 63) Azobenzene                | 15.851 | 77   | 1058660  | 42.162 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 191324   | 39.436 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 15.775 | 169  | 1005025  | 40.624 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.451 | 248  | 293448   | 39.178 | ng    | # 89     |
| 68) Hexachlorobenzene         | 16.569 | 284  | 344683   | 38.769 | ng    | # 93     |
| 69) Atrazine                  | 16.734 | 200  | 314829   | 40.534 | ng    | 94       |
| 70) Pentachlorophenol         | 16.928 | 266  | 169799   | 41.380 | ng    | 99       |
| 71) Phenanthrene              | 17.304 | 178  | 1732695  | 40.380 | ng    | 100      |
| 72) Anthracene                | 17.398 | 178  | 1695375  | 40.330 | ng    | 99       |
| 73) Carbazole                 | 17.675 | 167  | 1705130  | 40.934 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.216 | 149  | 2061725  | 41.118 | ng    | 99       |
| 75) Fluoranthene              | 19.275 | 202  | 1908822  | 40.588 | ng    | 96       |
| 77) Benzidine                 | 19.457 | 184  | 945508   | 44.439 | ng    | 99       |
| 78) Pyrene                    | 19.622 | 202  | 1987487  | 40.981 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.486 | 149  | 986582   | 41.012 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.328 | 228  | 1829972  | 40.324 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.263 | 252  | 537414   | 40.368 | ng    | # 97     |
| 83) Chrysene                  | 21.380 | 228  | 1792251  | 39.963 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149  | 1456918  | 41.032 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 22.157 | 149  | 2547825  | 40.741 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.268 | 276  | 2380305  | 40.748 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.010 | 252  | 2009085  | 41.802 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 23.057 | 252  | 1898435  | 40.412 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 23.639 | 252  | 1853064  | 41.086 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 26.274 | 278  | 2046756  | 40.691 | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 27.039 | 276  | 2004583  | 40.494 | ng    | # 89     |

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

