

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091621\  
 Data File : BP006990.D  
 Acq On : 16 Sep 2021 11:23  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

mohammad  
 9/17/2021 11:29:25 AM

Quant Time: Sep 16 14:59:19 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 16 14:57:18 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 365774   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.722 | 136  | 1428374  | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.545 | 164  | 898345   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 1816526  | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.374 | 240  | 1828883  | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.798 | 264  | 1862823  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 926429   | 41.359 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.081  | 99   | 1270261  | 41.547 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 1040068  | 40.896 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.034 | 330  | 428177   | 39.633 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 2655190  | 40.803 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.851 | 244  | 3968986  | 41.637 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.387  | 88   | 200529   | 20.445 | ng    | # 88     |
| 3) Pyridine                   | 3.793  | 79   | 515982   | 20.457 | ng    | # 87     |
| 4) n-Nitrosodimethylamine     | 3.705  | 42   | 189065   | 20.407 | ng    | # 86     |
| 6) Aniline                    | 7.246  | 93   | 680275   | 20.649 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.481  | 128  | 513298   | 20.445 | ng    | 96       |
| 9) Benzaldehyde               | 7.058  | 77   | 352049   | 21.015 | ng    | 94       |
| 10) Phenol                    | 7.111  | 94   | 640159   | 20.770 | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.346  | 93   | 485998   | 20.457 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.810  | 146  | 573857   | 20.400 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.958  | 146  | 586015   | 20.547 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.275  | 146  | 558268   | 20.442 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.158  | 79   | 408042   | 20.693 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.452  | 45   | 576474   | 20.757 | ng    | 88       |
| 17) 2-Methylphenol            | 8.357  | 107  | 410014   | 20.710 | ng    | 92       |
| 18) Hexachloroethane          | 9.005  | 117  | 189762   | 20.034 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.728  | 70   | 352390   | 20.994 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.687  | 107  | 558841   | 20.855 | ng    | 95       |
| 22) Acetophenone              | 8.746  | 105  | 738510   | 20.500 | ng    | 99       |
| 24) Nitrobenzene              | 9.122  | 77   | 544767   | 20.533 | ng    | 99       |
| 25) Isophorone                | 9.652  | 82   | 958274   | 20.384 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.834  | 139  | 225258   | 19.582 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.893  | 122  | 417732   | 20.637 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93   | 580503   | 20.351 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.363 | 162  | 468359   | 20.253 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.587 | 180  | 529654   | 20.142 | ng    | 99       |
| 31) Naphthalene               | 10.775 | 128  | 1613992  | 20.393 | ng    | 99       |
| 32) Benzoic acid              | 9.999  | 122  | 232756   | 19.253 | ng    | 94       |
| 33) 4-Chloroaniline           | 10.881 | 127  | 626086   | 20.374 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.063 | 225  | 311118   | 20.090 | ng    | 99       |
| 35) Caprolactam               | 11.657 | 113  | 130367   | 20.486 | ng    | # 78     |
| 36) 4-Chloro-3-methylphenol   | 11.998 | 107  | 477602   | 20.473 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.381 | 142  | 1138233  | 20.286 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.598 | 142  | 1080009  | 20.384 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.746 | 216  | 570761   | 19.965 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.728 | 237  | 278981   | 19.645 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.981 | 196  | 370486   | 20.047 | ng    | 97       |

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| 44) 2,4,5-Trichlorophenol     | 13.051 | 196  | 413234   | 20.294 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.387 | 154  | 1410637  | 20.131 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.428 | 162  | 1107685  | 20.062 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.628 | 65   | 253424   | 20.032 | ng    | 95       |
| 49) Acenaphthylene            | 14.269 | 152  | 1700484  | 20.324 | ng    | 100      |
| 50) Dimethylphthalate         | 14.004 | 163  | 1329387  | 20.275 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.122 | 165  | 289549   | 20.291 | ng    | 95       |
| 52) Acenaphthene              | 14.610 | 154  | 1065772  | 20.126 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.451 | 138  | 291121   | 20.409 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.651 | 184  | 137677   | 18.196 | ng    | 95       |
| 55) Dibenzofuran              | 14.945 | 168  | 1731350  | 20.185 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.745 | 139  | 249031   | 20.571 | ng    | # 85     |
| 57) 2,4-Dinitrotoluene        | 14.904 | 165  | 372401   | 20.390 | ng    | 99       |
| 58) Fluorene                  | 15.592 | 166  | 1359406  | 20.306 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.169 | 232  | 351934m  | 20.121 | ng    |          |
| 60) Diethylphthalate          | 15.369 | 149  | 1265658  | 20.071 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 671293   | 19.992 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.610 | 138  | 295714   | 20.623 | ng    | # 81     |
| 63) Azobenzene                | 15.881 | 77   | 1203754  | 20.613 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.669 | 198  | 204751   | 18.587 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.804 | 169  | 1169156  | 20.224 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.486 | 248  | 402846   | 20.062 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.598 | 284  | 452826   | 20.060 | ng    | 98       |
| 69) Atrazine                  | 16.757 | 200  | 360006   | 20.943 | ng    | 98       |
| 70) Pentachlorophenol         | 16.939 | 266  | 273011   | 20.139 | ng    | 99       |
| 71) Phenanthrene              | 17.339 | 178  | 2143204  | 20.338 | ng    | 99       |
| 72) Anthracene                | 17.428 | 178  | 2059854  | 20.430 | ng    | 100      |
| 73) Carbazole                 | 17.698 | 167  | 2015429  | 20.490 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.251 | 149  | 2052392  | 20.402 | ng    | 98       |
| 75) Fluoranthene              | 19.304 | 202  | 2481724  | 20.446 | ng    | 97       |
| 77) Benzidine                 | 19.480 | 184  | 1035635  | 26.542 | ng    | 99       |
| 78) Pyrene                    | 19.651 | 202  | 2587235  | 20.415 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.527 | 149  | 893911   | 20.147 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.363 | 228  | 2524215  | 20.311 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.292 | 252  | 740742   | 20.962 | ng    | 99       |
| 83) Chrysene                  | 21.416 | 228  | 2493616  | 20.448 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 1349522  | 20.692 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 22.216 | 149  | 2158473  | 20.249 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.339 | 276  | 2815475  | 19.915 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.057 | 252  | 2530167  | 19.997 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.104 | 252  | 2506278  | 20.351 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.692 | 252  | 2266451  | 19.975 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.357 | 278  | 2439033  | 19.944 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 27.115 | 276  | 2350482  | 19.922 | ng    | # 94     |

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

