

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072221\  
 Data File : BP006273.D  
 Acq On : 22 Jul 2021 10:28  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

mohammad  
 7/23/2021 11:51:37 AM

Quant Time: Jul 22 12:50:14 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 12:49:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.799  | 152  | 271945   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.587 | 136  | 1087860  | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.422 | 164  | 622988   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.175 | 188  | 1231157  | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.274 | 240  | 1207144  | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.627 | 264  | 1239393  | 20.00 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 171875   | 10.53 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.969  | 99   | 227956   | 10.21 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.952  | 82   | 191444   | 10.60 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.916 | 330  | 44789    | 6.98  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.051 | 172  | 419018   | 10.24 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.751 | 244  | 597061   | 9.89  | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 38333    | 5.62  | ng    | 92       |
| 3) Pyridine                   | 3.740  | 79   | 103218   | 5.43  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 33646    | 5.22  | ng    | # 78     |
| 6) Aniline                    | 7.134  | 93   | 125270   | 5.07  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.363  | 128  | 92466    | 5.13  | ng    | 93       |
| 9) Benzaldehyde               | 6.952  | 77   | 75808m   | 5.90  | ng    |          |
| 10) Phenol                    | 6.999  | 94   | 116210   | 5.25  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.234  | 93   | 87357    | 5.09  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.687  | 146  | 102348   | 5.18  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.834  | 146  | 103178   | 5.15  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.146  | 146  | 99238    | 5.18  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.040  | 79   | 79622    | 4.96  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.340  | 45   | 97000    | 5.61  | ng    | 97       |
| 17) 2-Methylphenol            | 8.240  | 107  | 71691    | 4.88  | ng    | 97       |
| 18) Hexachloroethane          | 8.869  | 117  | 35261    | 4.95  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.610  | 70   | 66282    | 4.85  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.563  | 107  | 94881    | 4.80  | ng    | 96       |
| 22) Acetophenone              | 8.622  | 105  | 127910   | 4.87  | ng    | # 98     |
| 24) Nitrobenzene              | 8.993  | 77   | 101079   | 5.26  | ng    | 94       |
| 25) Isophorone                | 9.522  | 82   | 167522   | 4.55  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.699  | 139  | 32505    | 4.51  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.769  | 122  | 69472    | 4.76  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.010 | 93   | 103347   | 4.97  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.234 | 162  | 67394    | 4.48  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.446 | 180  | 82310    | 4.84  | ng    | 98       |
| 31) Naphthalene               | 10.634 | 128  | 286886   | 5.02  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.746 | 127  | 108558   | 4.67  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.922 | 225  | 47350    | 4.69  | ng    | 94       |
| 35) Caprolactam               | 11.522 | 113  | 18629    | 4.11  | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 11.869 | 107  | 79836    | 4.56  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.245 | 142  | 192505   | 4.83  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.463 | 142  | 180734   | 4.79  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.610 | 216  | 82482    | 4.89  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.592 | 237  | 40548    | 4.39  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.851 | 196  | 47815    | 4.52  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 12.922 | 196  | 53257    | 4.68  | ng    | # 92     |

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|-------------------------------|--------|------|----------|------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.263 | 154  | 234960   | 5.12 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.298 | 162  | 178217   | 5.04 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.504 | 65   | 40217    | 4.84 | ng    | 89       |
| 49) Acenaphthylene            | 14.145 | 152  | 265688   | 4.72 | ng    | 99       |
| 50) Dimethylphthalate         | 13.892 | 163  | 209287   | 4.79 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.004 | 165  | 38071    | 4.44 | ng    | 90       |
| 52) Acenaphthene              | 14.487 | 154  | 172096   | 4.95 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.334 | 138  | 39866    | 4.39 | ng    | # 89     |
| 55) Dibenzofuran              | 14.822 | 168  | 276169   | 5.03 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.634 | 139  | 32815    | 4.07 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 14.787 | 165  | 47274    | 4.27 | ng    | # 79     |
| 58) Fluorene                  | 15.475 | 166  | 214015   | 4.86 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232  | 43601    | 4.43 | ng    | # 79     |
| 60) Diethylphthalate          | 15.263 | 149  | 207756   | 4.60 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.475 | 204  | 102396   | 4.92 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.486 | 138  | 40285    | 4.24 | ng    | # 84     |
| 63) Azobenzene                | 15.769 | 77   | 210032   | 4.62 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.686 | 169  | 181352   | 4.80 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.375 | 248  | 49645    | 4.00 | ng    | # 91     |
| 68) Hexachlorobenzene         | 16.475 | 284  | 66877    | 4.70 | ng    | 96       |
| 69) Atrazine                  | 16.651 | 200  | 53749    | 4.36 | ng    | 95       |
| 70) Pentachlorophenol         | 16.822 | 266  | 31960    | 4.01 | ng    | 99       |
| 71) Phenanthrene              | 17.216 | 178  | 340128   | 5.04 | ng    | 99       |
| 72) Anthracene                | 17.310 | 178  | 311411   | 4.73 | ng    | 99       |
| 73) Carbazole                 | 17.586 | 167  | 309657   | 4.70 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.157 | 149  | 315748   | 4.20 | ng    | 99       |
| 75) Fluoranthene              | 19.192 | 202  | 366161   | 4.73 | ng    | 94       |
| 77) Benzidine                 | 19.380 | 184  | 152024   | 4.33 | ng    | 97       |
| 78) Pyrene                    | 19.545 | 202  | 386533   | 4.85 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.439 | 149  | 129345   | 3.83 | ng    | 91       |
| 81) Benzo(a)anthracene        | 21.257 | 228  | 383360   | 4.95 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.198 | 252  | 88471    | 4.12 | ng    | # 95     |
| 83) Chrysene                  | 21.310 | 228  | 373900   | 4.99 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.210 | 149  | 201201   | 3.95 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.121 | 149  | 325900   | 3.82 | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.057 | 276  | 421025   | 4.80 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 22.910 | 252  | 385556   | 4.82 | ng    | # 95     |
| 89) Benzo(k)fluoranthene      | 22.957 | 252  | 364433   | 4.89 | ng    | # 95     |
| 90) Benzo(a)pyrene            | 23.521 | 252  | 335032   | 4.67 | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene    | 26.080 | 278  | 368369   | 4.85 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 26.798 | 276  | 353112   | 4.78 | ng    | # 91     |

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

