

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050721\  
 Data File : BP005454.D  
 Acq On : 07 May 2021 11:55  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

mohammad

5/10/2021 3:26:31 PM

Quant Time: May 07 12:37:43 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 07 12:37:06 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.711  | 152  | 13102    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.505 | 136  | 42302    | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.357 | 164  | 38124    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.110 | 188  | 104052   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.204 | 240  | 147909   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.521 | 264  | 165305   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.299  | 112  | 49322    | 72.24 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.899  | 99   | 63841    | 74.99 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.881  | 82   | 85338    | 79.40 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.857 | 330  | 85858    | 79.36 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.981 | 172  | 254445   | 75.29 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.681 | 244  | 702772   | 80.69 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.193  | 88   | 11154    | 42.13 | ng    | # 88     |
| 3) Pyridine                   | 3.605  | 79   | 25508    | 42.20 | ng    | # 79     |
| 4) n-Nitrosodimethylamine     | 3.517  | 42   | 20707    | 42.60 | ng    | # 3      |
| 6) Aniline                    | 7.046  | 93   | 33072    | 35.99 | ng    | # 75     |
| 8) 2-Chlorophenol             | 7.275  | 128  | 27052    | 36.89 | ng    | 88       |
| 9) Benzaldehyde               | 6.858  | 77   | 18604    | 43.12 | ng    | # 71     |
| 10) Phenol                    | 6.928  | 94   | 30473    | 35.79 | ng    | # 48     |
| 11) bis(2-Chloroethyl)ether   | 7.146  | 93   | 20398    | 34.69 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.599  | 146  | 35101    | 35.98 | ng    | # 88     |
| 13) 1,4-Dichlorobenzene       | 7.746  | 146  | 34566    | 35.55 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.058  | 146  | 34843    | 37.39 | ng    | 95       |
| 15) Benzyl Alcohol            | 7.963  | 79   | 31545    | 38.41 | ng    | # 77     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.252  | 45   | 10480    | 36.09 | ng    | # 66     |
| 17) 2-Methylphenol            | 8.169  | 107  | 21862    | 37.38 | ng    | # 82     |
| 18) Hexachloroethane          | 8.775  | 117  | 15606    | 38.75 | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.528  | 70   | 24128    | 38.70 | ng    | 90       |
| 20) 3+4-Methylphenols         | 8.505  | 107  | 29609    | 38.09 | ng    | 86       |
| 22) Acetophenone              | 8.540  | 105  | 44174    | 37.02 | ng    | # 84     |
| 24) Nitrobenzene              | 8.916  | 77   | 41795    | 38.77 | ng    | # 87     |
| 25) Isophorone                | 9.446  | 82   | 63417    | 38.10 | ng    | # 96     |
| 26) 2-Nitrophenol             | 9.628  | 139  | 17082    | 37.84 | ng    | # 77     |
| 27) 2,4-Dimethylphenol        | 9.699  | 122  | 22160    | 37.09 | ng    | # 69     |
| 28) bis(2-Chloroethoxy)met... | 9.928  | 93   | 26865    | 38.56 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.163 | 162  | 36307    | 38.69 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.369 | 180  | 48189    | 40.20 | ng    | 95       |
| 31) Naphthalene               | 10.552 | 128  | 87387    | 38.42 | ng    | 97       |
| 32) Benzoic acid              | 9.887  | 122  | 18117    | 39.25 | ng    | # 79     |
| 33) 4-Chloroaniline           | 10.681 | 127  | 34548    | 39.00 | ng    | 94       |
| 34) Hexachlorobutadiene       | 10.828 | 225  | 42492    | 42.51 | ng    | 97       |
| 35) Caprolactam               | 11.487 | 113  | 8578m    | 39.73 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.822 | 107  | 33217    | 39.71 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.169 | 142  | 73007    | 40.01 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.393 | 142  | 70094    | 40.69 | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.540 | 216  | 65636    | 37.47 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.510 | 237  | 27986    | 42.14 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.793 | 196  | 41115    | 37.57 | ng    | 95       |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.875 | 196  | 44874    | 38.00 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.193 | 154  | 109445   | 37.29 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.234 | 162  | 90703    | 37.11 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.451 | 65   | 27385    | 39.44 | ng    | 88       |
| 49) Acenaphthylene            | 14.081 | 152  | 132752   | 37.70 | ng    | 98       |
| 50) Dimethylphthalate         | 13.828 | 163  | 121867   | 37.03 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 13.951 | 165  | 26912    | 36.42 | ng    | 93       |
| 52) Acenaphthene              | 14.422 | 154  | 83390    | 38.07 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.287 | 138  | 19610    | 37.03 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.504 | 184  | 18976    | 42.57 | ng #  | 78       |
| 55) Dibenzofuran              | 14.757 | 168  | 161954   | 39.30 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.616 | 139  | 15416    | 38.57 | ng #  | 70       |
| 57) 2,4-Dinitrotoluene        | 14.745 | 165  | 41620    | 38.20 | ng    | 91       |
| 58) Fluorene                  | 15.410 | 166  | 132705   | 39.44 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.993 | 232  | 47716    | 40.41 | ng    | 97       |
| 60) Diethylphthalate          | 15.193 | 149  | 123693   | 38.80 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 86663    | 41.16 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.451 | 138  | 20907    | 41.10 | ng #  | 75       |
| 63) Azobenzene                | 15.698 | 77   | 134873   | 41.05 | ng    | 87       |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 198  | 30959    | 37.54 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.628 | 169  | 113609   | 37.41 | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.304 | 248  | 62388    | 38.41 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.416 | 284  | 78577    | 38.15 | ng    | 97       |
| 69) Atrazine                  | 16.587 | 200  | 53637    | 37.81 | ng    | 99       |
| 70) Pentachlorophenol         | 16.769 | 266  | 44337    | 40.57 | ng    | 91       |
| 71) Phenanthrene              | 17.151 | 178  | 227804   | 38.53 | ng    | 99       |
| 72) Anthracene                | 17.245 | 178  | 225509   | 38.43 | ng    | 99       |
| 73) Carbazole                 | 17.528 | 167  | 196413   | 38.01 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.081 | 149  | 221123   | 38.98 | ng #  | 95       |
| 75) Fluoranthene              | 19.128 | 202  | 315475   | 38.79 | ng    | 98       |
| 77) Benzidine                 | 19.322 | 184  | 79729    | 34.82 | ng    | 99       |
| 78) Pyrene                    | 19.481 | 202  | 327875   | 39.15 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.357 | 149  | 109165   | 40.35 | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.192 | 228  | 368725   | 38.47 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.128 | 252  | 141450   | 39.17 | ng #  | 99       |
| 83) Chrysene                  | 21.245 | 228  | 359630   | 38.71 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.116 | 149  | 168277   | 40.68 | ng #  | 99       |
| 85) Di-n-octyl phthalate      | 22.010 | 149  | 272758   | 39.25 | ng #  | 92       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.933 | 276  | 526784   | 37.88 | ng #  | 97       |
| 88) Benzo(b)fluoranthene      | 22.816 | 252  | 422938   | 38.40 | ng #  | 98       |
| 89) Benzo(k)fluoranthene      | 22.863 | 252  | 416114   | 38.63 | ng #  | 98       |
| 90) Benzo(a)pyrene            | 23.421 | 252  | 387952   | 38.42 | ng #  | 97       |
| 91) Dibenzo(a,h)anthracene    | 25.945 | 278  | 465423   | 37.93 | ng #  | 99       |
| 92) Benzo(g,h,i)perylene      | 26.668 | 276  | 431695   | 38.02 | ng #  | 94       |

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

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