

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022621\  
 Data File : BP004864.D  
 Acq On : 26 Feb 2021 15:58  
 Operator : CG/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

mohammad  
 3/1/2021 12:37:12 PM

Quant Time: Feb 26 17:04:49 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 26 15:39:10 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.746  | 152  | 39146    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.540 | 136  | 153308   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.398 | 164  | 97161    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.157 | 188  | 205578   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.245 | 240  | 208296   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.545 | 264  | 197220   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.340  | 112  | 281834   | 111.16 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.928  | 99   | 394056   | 113.02 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.910  | 82   | 376041   | 106.87 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.898 | 330  | 146461   | 113.46 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.016 | 172  | 847404   | 106.60 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.722 | 244  | 1343316  | 108.33 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.270  | 88   | 56182    | 51.78  | ng    | 97       |
| 3) Pyridine                   | 3.670  | 79   | 155277   | 56.52  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.575  | 42   | 60077    | 52.55  | ng    | # 71     |
| 6) Aniline                    | 7.081  | 93   | 217765   | 56.00  | ng    | # 89     |
| 8) 2-Chlorophenol             | 7.316  | 128  | 159518   | 60.22  | ng    | 88       |
| 9) Benzaldehyde               | 6.893  | 77   | 96975    | 66.22  | ng    | # 80     |
| 10) Phenol                    | 6.958  | 94   | 195832   | 58.03  | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 7.181  | 93   | 143458   | 55.58  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.634  | 146  | 174401   | 54.10  | ng    | # 92     |
| 13) 1,4-Dichlorobenzene       | 7.781  | 146  | 175379   | 53.56  | ng    | # 92     |
| 14) 1,2-Dichlorobenzene       | 8.099  | 146  | 171270   | 54.54  | ng    | # 94     |
| 15) Benzyl Alcohol            | 7.993  | 79   | 157232   | 60.06  | ng    | # 86     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.281  | 45   | 97098    | 46.51  | ng    | 86       |
| 17) 2-Methylphenol            | 8.199  | 107  | 134894   | 59.15  | ng    | # 87     |
| 18) Hexachloroethane          | 8.822  | 117  | 67327    | 54.87  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.557  | 70   | 126901   | 60.23  | ng    | # 94     |
| 20) 3+4-Methylphenols         | 8.528  | 107  | 182569   | 60.32  | ng    | 92       |
| 22) Acetophenone              | 8.569  | 105  | 236963   | 53.18  | ng    | # 94     |
| 24) Nitrobenzene              | 8.952  | 77   | 196069   | 56.37  | ng    | # 80     |
| 25) Isophorone                | 9.475  | 82   | 344870   | 61.33  | ng    | # 90     |
| 26) 2-Nitrophenol             | 9.657  | 139  | 90114    | 65.40  | ng    | # 70     |
| 27) 2,4-Dimethylphenol        | 9.722  | 122  | 132851   | 61.99  | ng    | 86       |
| 28) bis(2-Chloroethoxy)met... | 9.957  | 93   | 173693   | 47.94  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.193 | 162  | 151669   | 58.59  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.404 | 180  | 165801   | 51.84  | ng    | 96       |
| 31) Naphthalene               | 10.593 | 128  | 494449   | 55.26  | ng    | 99       |
| 32) Benzoic acid              | 9.893  | 122  | 108020   | 67.17  | ng    | # 76     |
| 33) 4-Chloroaniline           | 10.704 | 127  | 202367   | 55.12  | ng    | # 88     |
| 34) Hexachlorobutadiene       | 10.875 | 225  | 110676   | 51.52  | ng    | 98       |
| 35) Caprolactam               | 11.516 | 113  | 49125    | 60.05  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.846 | 107  | 178146   | 57.95  | ng    | 86       |
| 37) 2-Methylnaphthalene       | 12.210 | 142  | 360863   | 56.69  | ng    | # 96     |
| 38) 1-Methylnaphthalene       | 12.428 | 142  | 339722m  | 56.39  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.581 | 216  | 179686   | 51.47  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.557 | 237  | 112234   | 56.53  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.822 | 196  | 130167   | 59.19  | ng    | 99       |

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|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 12.898 | 196  | 139991   | 60.57 | ng    | #        | 93  |
| 46) 1,1'-Biphenyl             | 13.228 | 154  | 438237   | 53.88 | ng    |          | 99  |
| 47) 2-Chloronaphthalene       | 13.269 | 162  | 353811   | 53.07 | ng    |          | 95  |
| 48) 2-Nitroaniline            | 13.481 | 65   | 108567   | 55.17 | ng    | #        | 65  |
| 49) Acenaphthylene            | 14.122 | 152  | 557246   | 56.58 | ng    |          | 100 |
| 50) Dimethylphthalate         | 13.863 | 163  | 440133   | 51.50 | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 13.981 | 165  | 104903   | 60.91 | ng    | #        | 63  |
| 52) Acenaphthene              | 14.463 | 154  | 342178   | 54.80 | ng    |          | 97  |
| 53) 3-Nitroaniline            | 14.316 | 138  | 101349   | 56.58 | ng    | #        | 72  |
| 54) 2,4-Dinitrophenol         | 14.516 | 184  | 65859    | 66.39 | ng    | #        | 72  |
| 55) Dibenzofuran              | 14.798 | 168  | 552438   | 56.26 | ng    |          | 96  |
| 56) 4-Nitrophenol             | 14.634 | 139  | 87288    | 62.12 | ng    | #        | 51  |
| 57) 2,4-Dinitrotoluene        | 14.769 | 165  | 142538   | 60.41 | ng    | #        | 61  |
| 58) Fluorene                  | 15.451 | 166  | 453173   | 56.17 | ng    |          | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.028 | 232  | 125768   | 57.19 | ng    |          | 97  |
| 60) Diethylphthalate          | 15.234 | 149  | 453797   | 52.98 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 15.451 | 204  | 235345   | 52.54 | ng    |          | 100 |
| 62) 4-Nitroaniline            | 15.481 | 138  | 109238   | 55.84 | ng    | #        | 61  |
| 63) Azobenzene                | 15.745 | 77   | 466551   | 57.98 | ng    |          | 87  |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 95060    | 75.68 | ng    |          | 95  |
| 66) n-Nitrosodiphenylamine    | 15.669 | 169  | 393368   | 58.84 | ng    |          | 99  |
| 67) 4-Bromophenyl-phenylether | 16.345 | 248  | 135969   | 51.37 | ng    | #        | 86  |
| 68) Hexachlorobenzene         | 16.457 | 284  | 150989   | 52.36 | ng    | #        | 91  |
| 69) Atrazine                  | 16.628 | 200  | 138222   | 63.02 | ng    |          | 99  |
| 70) Pentachlorophenol         | 16.804 | 266  | 103256   | 63.98 | ng    |          | 100 |
| 71) Phenanthrene              | 17.198 | 178  | 699925   | 55.61 | ng    |          | 99  |
| 72) Anthracene                | 17.286 | 178  | 691808   | 57.16 | ng    |          | 99  |
| 73) Carbazole                 | 17.569 | 167  | 654881   | 58.97 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.122 | 149  | 781360   | 57.34 | ng    | #        | 98  |
| 75) Fluoranthene              | 19.169 | 202  | 824396   | 54.97 | ng    |          | 99  |
| 77) Benzidine                 | 19.357 | 184  | 322492   | 91.04 | ng    |          | 99  |
| 78) Pyrene                    | 19.522 | 202  | 849540   | 57.83 | ng    |          | 98  |
| 80) Butylbenzylphthalate      | 20.398 | 149  | 351524   | 60.89 | ng    | #        | 81  |
| 81) Benzo(a)anthracene        | 21.227 | 228  | 829902   | 56.18 | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.163 | 252  | 292629   | 62.50 | ng    |          | 99  |
| 83) Chrysene                  | 21.280 | 228  | 801351   | 56.01 | ng    |          | 98  |
| 84) Bis(2-ethylhexyl)phtha... | 21.157 | 149  | 516985   | 59.33 | ng    |          | 97  |
| 85) Di-n-octyl phthalate      | 22.045 | 149  | 861251   | 60.94 | ng    | #        | 95  |
| 87) Indeno(1,2,3-cd)pyrene    | 25.910 | 276  | 869420   | 55.21 | ng    |          | 98  |
| 88) Benzo(b)fluoranthene      | 22.845 | 252  | 811143   | 56.15 | ng    |          | 99  |
| 89) Benzo(k)fluoranthene      | 22.898 | 252  | 797762   | 57.53 | ng    |          | 99  |
| 90) Benzo(a)pyrene            | 23.445 | 252  | 741281   | 56.79 | ng    |          | 99  |
| 91) Dibenzo(a,h)anthracene    | 25.927 | 278  | 756552   | 57.59 | ng    |          | 98  |
| 92) Benzo(g,h,i)perylene      | 26.639 | 276  | 726572   | 57.65 | ng    |          | 97  |

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

