

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022021\  
 Data File : BP004836.D  
 Acq On : 20 Feb 2021 10:47  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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 2/22/2021 2:11:28 PM

Quant Time: Feb 22 04:29:00 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 12:04:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.758  | 152  | 48317    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.551 | 136  | 186320   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.404 | 164  | 117729   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.157 | 188  | 255502   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.245 | 240  | 259226   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 23.539 | 264  | 253141   | 20.00 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.352  | 112  | 229516   | 73.34 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 315072   | 73.21 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.916  | 82   | 300815   | 70.35 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.898 | 330  | 127988   | 81.83 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.022 | 172  | 714321   | 74.16 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.722 | 244  | 1167076  | 75.62 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.281  | 88   | 43904    | 32.78 | ng    | # 90     |
| 3) Pyridine                   | 3.681  | 79   | 122647   | 36.17 | ng    | # 93     |
| 4) n-Nitrosodimethylamine     | 3.587  | 42   | 50878    | 36.06 | ng    | # 63     |
| 6) Aniline                    | 7.087  | 93   | 176809   | 36.84 | ng    | # 88     |
| 8) 2-Chlorophenol             | 7.328  | 128  | 123287   | 37.71 | ng    | 87       |
| 9) Benzaldehyde               | 6.899  | 77   | 81832    | 45.28 | ng    | # 82     |
| 10) Phenol                    | 6.963  | 94   | 151932   | 36.47 | ng    | 75       |
| 11) bis(2-Chloroethyl)ether   | 7.187  | 93   | 115769   | 36.34 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.646  | 146  | 148352   | 37.29 | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 7.793  | 146  | 150371   | 37.20 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.105  | 146  | 143882   | 37.12 | ng    | 94       |
| 15) Benzyl Alcohol            | 8.005  | 79   | 120669   | 37.34 | ng    | # 84     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.287  | 45   | 101552   | 39.41 | ng    | 95       |
| 17) 2-Methylphenol            | 8.205  | 107  | 106683   | 37.90 | ng    | # 91     |
| 18) Hexachloroethane          | 8.828  | 117  | 56447    | 37.27 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.563  | 70   | 95386    | 36.68 | ng    | # 90     |
| 20) 3+4-Methylphenols         | 8.534  | 107  | 145659   | 38.99 | ng    | 92       |
| 22) Acetophenone              | 8.581  | 105  | 197005   | 36.38 | ng    | # 92     |
| 24) Nitrobenzene              | 8.957  | 77   | 143293   | 33.90 | ng    | # 83     |
| 25) Isophorone                | 9.481  | 82   | 247870   | 36.27 | ng    | # 92     |
| 26) 2-Nitrophenol             | 9.663  | 139  | 70887    | 42.33 | ng    | # 73     |
| 27) 2,4-Dimethylphenol        | 9.734  | 122  | 95586    | 36.70 | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 9.963  | 93   | 157037   | 35.67 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.204 | 162  | 122667   | 38.99 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.410 | 180  | 140304   | 36.10 | ng    | 97       |
| 31) Naphthalene               | 10.599 | 128  | 394860   | 36.31 | ng    | 100      |
| 32) Benzoic acid              | 9.881  | 122  | 84205    | 39.58 | ng    | # 77     |
| 33) 4-Chloroaniline           | 10.710 | 127  | 164442   | 36.85 | ng    | # 88     |
| 34) Hexachlorobutadiene       | 10.881 | 225  | 95331    | 36.52 | ng    | 96       |
| 35) Caprolactam               | 11.510 | 113  | 40938    | 41.18 | ng    | 83       |
| 36) 4-Chloro-3-methylphenol   | 11.851 | 107  | 136237   | 36.47 | ng    | 87       |
| 37) 2-Methylnaphthalene       | 12.216 | 142  | 283704   | 36.67 | ng    | # 95     |
| 38) 1-Methylnaphthalene       | 12.434 | 142  | 266844   | 36.44 | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 12.587 | 216  | 155210   | 36.69 | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.563 | 237  | 89574    | 37.23 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.834 | 196  | 105563   | 39.61 | ng    | 96       |

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| 44) 2,4,5-Trichlorophenol     | 12.904 | 196  | 107692   | 38.45 | ng    | #        | 93  |
| 46) 1,1'-Biphenyl             | 13.234 | 154  | 364217   | 36.96 | ng    |          | 99  |
| 47) 2-Chloronaphthalene       | 13.275 | 162  | 295903   | 36.63 | ng    |          | 96  |
| 48) 2-Nitroaniline            | 13.487 | 65   | 93905    | 39.38 | ng    | #        | 66  |
| 49) Acenaphthylene            | 14.128 | 152  | 448219   | 37.56 | ng    |          | 99  |
| 50) Dimethylphthalate         | 13.869 | 163  | 377604   | 36.46 | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 13.987 | 165  | 81527    | 39.07 | ng    | #        | 68  |
| 52) Acenaphthene              | 14.469 | 154  | 274762   | 36.31 | ng    |          | 99  |
| 53) 3-Nitroaniline            | 14.316 | 138  | 86024    | 39.64 | ng    | #        | 74  |
| 54) 2,4-Dinitrophenol         | 14.522 | 184  | 51472    | 42.82 | ng    | #        | 83  |
| 55) Dibenzofuran              | 14.804 | 168  | 435398   | 36.59 | ng    |          | 97  |
| 56) 4-Nitrophenol             | 14.634 | 139  | 67179    | 39.45 | ng    | #        | 55  |
| 57) 2,4-Dinitrotoluene        | 14.775 | 165  | 113714   | 39.77 | ng    | #        | 67  |
| 58) Fluorene                  | 15.457 | 166  | 359644   | 36.79 | ng    |          | 99  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.034 | 232  | 103666   | 38.91 | ng    |          | 99  |
| 60) Diethylphthalate          | 15.234 | 149  | 382255   | 36.83 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 15.451 | 204  | 195587   | 36.04 | ng    |          | 98  |
| 62) 4-Nitroaniline            | 15.487 | 138  | 94084    | 39.69 | ng    | #        | 63  |
| 63) Azobenzene                | 15.745 | 77   | 337461   | 34.61 | ng    |          | 86  |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 66048    | 42.31 | ng    |          | 86  |
| 66) n-Nitrosodiphenylamine    | 15.669 | 169  | 313990   | 37.79 | ng    |          | 99  |
| 67) 4-Bromophenyl-phenylether | 16.351 | 248  | 123885   | 37.66 | ng    |          | 95  |
| 68) Hexachlorobenzene         | 16.463 | 284  | 135713   | 37.86 | ng    |          | 94  |
| 69) Atrazine                  | 16.628 | 200  | 104525   | 38.35 | ng    |          | 98  |
| 70) Pentachlorophenol         | 16.810 | 266  | 80943    | 40.35 | ng    |          | 96  |
| 71) Phenanthrene              | 17.204 | 178  | 561348   | 35.88 | ng    |          | 99  |
| 72) Anthracene                | 17.292 | 178  | 550329   | 36.58 | ng    |          | 99  |
| 73) Carbazole                 | 17.569 | 167  | 505355   | 36.62 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.122 | 149  | 650427   | 38.41 | ng    | #        | 98  |
| 75) Fluoranthene              | 19.175 | 202  | 675947   | 36.27 | ng    |          | 99  |
| 77) Benzidine                 | 19.357 | 184  | 302666   | 59.77 | ng    |          | 99  |
| 78) Pyrene                    | 19.527 | 202  | 679660   | 37.18 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 20.398 | 149  | 294590   | 41.00 | ng    | #        | 83  |
| 81) Benzo(a)anthracene        | 21.227 | 228  | 671223   | 36.51 | ng    |          | 99  |
| 82) 3,3'-Dichlorobenzidine    | 21.163 | 252  | 239934   | 41.18 | ng    |          | 100 |
| 83) Chrysene                  | 21.280 | 228  | 650660   | 36.54 | ng    |          | 98  |
| 84) Bis(2-ethylhexyl)phtha... | 21.151 | 149  | 424934   | 39.18 | ng    |          | 100 |
| 85) Di-n-octyl phthalate      | 22.039 | 149  | 704630   | 40.06 | ng    | #        | 93  |
| 87) Indeno(1,2,3-cd)pyrene    | 25.904 | 276  | 752421   | 37.23 | ng    |          | 96  |
| 88) Benzo(b)fluoranthene      | 22.845 | 252  | 657631   | 35.47 | ng    |          | 98  |
| 89) Benzo(k)fluoranthene      | 22.892 | 252  | 666639m  | 37.46 | ng    |          |     |
| 90) Benzo(a)pyrene            | 23.439 | 252  | 623215   | 37.20 | ng    |          | 98  |
| 91) Dibenzo(a,h)anthracene    | 25.915 | 278  | 626263   | 37.14 | ng    | #        | 97  |
| 92) Benzo(g,h,i)perylene      | 26.621 | 276  | 604606   | 37.37 | ng    | #        | 96  |

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

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