

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012422\  
 Data File : BP008891.D  
 Acq On : 24 Jan 2022 17:34  
 Operator : CG/JU  
 Sample : N1214-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EO-02-012022MS

Quant Time: Jan 25 04:11:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 14 18:05:00 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/25/2022  
 Supervised By : Jagrut Upadhyay 01/25/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 339132   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.652 | 136  | 1353514  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.493 | 164  | 901172   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 1820342  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.339 | 240  | 1480177  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.763 | 264  | 1552282  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 2375828  | 108.336 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.028  | 99   | 3022912  | 113.831 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.011  | 82   | 1835572  | 76.994  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.987 | 330  | 1529982  | 116.637 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.116 | 172  | 4912373  | 71.886  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 6576767  | 74.999  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.334  | 88   | 264802   | 29.832  | ng    | # 94     |
| 3) Pyridine                   | 3.734  | 79   | 639603   | 34.404  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 346345   | 39.708  | ng    | 87       |
| 6) Aniline                    | 7.175  | 93   | 419168   | 12.646  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.416  | 128  | 1056711  | 45.243  | ng    | 99       |
| 9) Benzaldehyde               | 6.987  | 77   | 534769   | 30.129  | ng    | 99       |
| 10) Phenol                    | 7.058  | 94   | 1296355  | 47.882  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.269  | 93   | 903718   | 41.954  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.734  | 146  | 1137881  | 40.910  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.881  | 146  | 1164745  | 41.318  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.199  | 146  | 1135086  | 42.229  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.093  | 79   | 853155   | 45.793  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.381  | 45   | 1030920  | 42.796  | ng    | 99       |
| 17) 2-Methylphenol            | 8.305  | 107  | 847097   | 46.703  | ng    | 97       |
| 18) Hexachloroethane          | 8.922  | 117  | 355272   | 37.132  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.663  | 70   | 688122   | 44.328  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.634  | 107  | 1128706  | 46.877  | ng    | 98       |
| 22) Acetophenone              | 8.675  | 105  | 1494994  | 43.359  | ng    | # 97     |
| 24) Nitrobenzene              | 9.052  | 77   | 1041783  | 43.261  | ng    | 97       |
| 25) Isophorone                | 9.581  | 82   | 1879612  | 43.626  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.763  | 139  | 562913   | 44.463  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.834  | 122  | 979804   | 45.391  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.063 | 93   | 1197181  | 42.582  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.305 | 162  | 1086368  | 46.119  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.516 | 180  | 1178755  | 42.720  | ng    | 99       |
| 31) Naphthalene               | 10.699 | 128  | 3152259  | 42.880  | ng    | 99       |
| 32) Benzoic acid              | 10.034 | 122  | 729675   | 58.902  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.816 | 127  | 266806   | 8.906   | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.987 | 225  | 724416   | 42.021  | ng    | 99       |
| 35) Caprolactam               | 11.628 | 113  | 336296m  | 51.789  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.957 | 107  | 1033572  | 48.637  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.310 | 142  | 2408575  | 44.818  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.528 | 142  | 2232082  | 45.249  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.687 | 216  | 1385200  | 42.158  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.663 | 237  | 252677   | 15.029  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.928 | 196  | 921596   | 45.364  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012422\  
 Data File : BP008891.D  
 Acq On : 24 Jan 2022 17:34  
 Operator : CG/JU  
 Sample : N1214-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EO-02-012022MS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 01/25/2022  
 Supervised By : Jagrut Upadhyay 01/25/2022

Quant Time: Jan 25 04:11:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 14 18:05:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.004 | 196  | 1006904  | 46.050  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.322 | 154  | 3108616  | 42.399  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.369 | 162  | 2419254  | 42.793  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.569 | 65   | 620547   | 49.435  | ng    | 96       |
| 49) Acenaphthylene            | 14.210 | 152  | 3735315  | 43.732  | ng    | 99       |
| 50) Dimethylphthalate         | 13.951 | 163  | 2900307  | 43.334  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.069 | 165  | 647556   | 45.619  | ng    | 94       |
| 52) Acenaphthene              | 14.557 | 154  | 2249110  | 44.397  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.398 | 138  | 421035   | 30.160  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.616 | 184  | 179851   | 31.329  | ng    | 93       |
| 55) Dibenzofuran              | 14.893 | 168  | 3666951  | 44.422  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.728 | 139  | 1112247  | 110.643 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.863 | 165  | 893719   | 48.950  | ng    | 92       |
| 58) Fluorene                  | 15.540 | 166  | 2959947  | 45.398  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.122 | 232  | 865483   | 48.052  | ng    | # 88     |
| 60) Diethylphthalate          | 15.316 | 149  | 2884530  | 45.422  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 1591610  | 44.812  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.569 | 138  | 620507   | 45.895  | ng    | 90       |
| 63) Azobenzene                | 15.828 | 77   | 2463825  | 46.731  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 198  | 132981   | 14.622  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.751 | 169  | 2610612  | 44.560  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.434 | 248  | 1011963  | 44.520  | ng    | 100      |
| 68) Hexachlorobenzene         | 16.557 | 284  | 1120697  | 43.026  | ng    | 98       |
| 69) Atrazine                  | 16.716 | 200  | 947723   | 43.530  | ng    | 98       |
| 70) Pentachlorophenol         | 16.904 | 266  | 1349846  | 97.290  | ng    | 100      |
| 71) Phenanthrene              | 17.292 | 178  | 4647989  | 45.350  | ng    | 99       |
| 72) Anthracene                | 17.381 | 178  | 4672999  | 45.450  | ng    | 99       |
| 73) Carbazole                 | 17.651 | 167  | 4056781  | 45.888  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.204 | 149  | 5023933  | 47.221  | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 4976599  | 43.664  | ng    | 98       |
| 77) Benzidine                 | 19.439 | 184  | 2580738  | 49.353  | ng    | 99       |
| 78) Pyrene                    | 19.610 | 202  | 4956039  | 47.986  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.486 | 149  | 1979947  | 47.666  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.328 | 228  | 4483233  | 45.021  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.257 | 252  | 1628426  | 37.852  | ng    | 99       |
| 83) Chrysene                  | 21.380 | 228  | 4262609  | 44.158  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149  | 2833739  | 44.053  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.180 | 149  | 4658002  | 42.806  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.304 | 276  | 5397729  | 42.199  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.027 | 252  | 4688431  | 45.227  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.074 | 252  | 4315745  | 43.008  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.657 | 252  | 4446098  | 44.434  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.315 | 278  | 4555288  | 41.882  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.074 | 276  | 4432809  | 41.742  | ng    | 98       |

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

