

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110824\  
 Data File : BP022929.D  
 Acq On : 08 Nov 2024 11:16  
 Operator : RC/JU  
 Sample : P4368-08  
 Misc : LOQ-WATER-5 PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2024

Quant Time: Nov 08 11:44:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 23:36:11 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024  
 Supervised By :mohammad ahmed 11/11/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.599  | 152  | 61418    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.345 | 136  | 226829   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.222 | 164  | 188387   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.016 | 188  | 472665   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.463 | 240  | 584965   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.692 | 264  | 699078   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.234  | 112  | 362548   | 112.025 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.793  | 99   | 492805   | 109.190 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.740  | 82   | 391690   | 81.581  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.745 | 330  | 427172   | 116.984 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.828 | 172  | 1049454  | 79.598  | ng    | 0.01     |
| 79) Terphenyl-d14             | 19.763 | 244  | 2379346  | 76.388  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.181  | 88   | 6902     | 5.342   | ng    | 98       |
| 3) Pyridine                   | 3.593  | 79   | 14659    | 4.132   | ng    | # 93     |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 7805     | 4.564   | ng    | 88       |
| 6) Aniline                    | 6.946  | 93   | 21155    | 5.623   | ng    | 97       |
| 8) 2-Chlorophenol             | 7.169  | 128  | 16085    | 4.742   | ng    | 89       |
| 9) Benzaldehyde               | 6.769  | 77   | 17476    | 6.700   | ng    | 93       |
| 10) Phenol                    | 6.822  | 94   | 20618    | 4.613   | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.034  | 93   | 15329    | 4.539   | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.487  | 146  | 19498    | 4.504   | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 7.634  | 146  | 20038    | 4.533   | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 7.940  | 146  | 19999    | 4.679   | ng    | 99       |
| 15) Benzyl Alcohol            | 7.852  | 79   | 12291    | 3.595   | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.104  | 45   | 17561    | 4.793   | ng    | 97       |
| 17) 2-Methylphenol            | 8.052  | 107  | 12902    | 4.252   | ng    | 95       |
| 18) Hexachloroethane          | 8.651  | 117  | 7222     | 4.416   | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.387  | 70   | 14201    | 4.597   | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.381  | 107  | 17294    | 4.078   | ng    | 93       |
| 22) Acetophenone              | 8.410  | 105  | 28886    | 4.784   | ng    | # 96     |
| 24) Nitrobenzene              | 8.781  | 77   | 20936    | 4.293   | ng    | 97       |
| 25) Isophorone                | 9.304  | 82   | 37431    | 4.606   | ng    | 99       |
| 26) 2-Nitrophenol             | 9.487  | 139  | 8103     | 4.046   | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.557  | 122  | 12270m   | 5.365   | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 9.781  | 93   | 20775    | 4.501   | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.051 | 162  | 16026    | 4.049   | ng    | 85       |
| 30) 1,2,4-Trichlorobenzene    | 10.216 | 180  | 22003    | 4.348   | ng    | 99       |
| 31) Naphthalene               | 10.398 | 128  | 52373    | 4.608   | ng    | 97       |
| 32) Benzoic acid              | 9.675  | 122  | 9501m    | 3.460   | ng    |          |
| 33) 4-Chloroaniline           | 10.528 | 127  | 19481    | 4.816   | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.669 | 225  | 16703    | 4.500   | ng    | 97       |
| 35) Caprolactam               | 11.310 | 113  | 4993m    | 4.213   | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.669 | 107  | 18279    | 4.142   | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.010 | 142  | 38260    | 4.495   | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.234 | 142  | 35914    | 4.251   | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.387 | 216  | 28724    | 4.504   | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.351 | 237  | 2727     | 1.523   | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.645 | 196  | 16593    | 4.091   | ng    | 92       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110824\  
 Data File : BP022929.D  
 Acq On : 08 Nov 2024 11:16  
 Operator : RC/JU  
 Sample : P4368-08  
 Misc : LOQ-WATER-5 PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2024

Quant Time: Nov 08 11:44:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 23:36:11 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024  
 Supervised By :mohammad ahmed 11/11/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.740 | 196  | 18317    | 3.967 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.034 | 154  | 61012    | 4.872 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.075 | 162  | 46222    | 4.448 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.310 | 65   | 11506    | 3.800 | ng    | 97       |
| 49) Acenaphthylene            | 13.945 | 152  | 68534    | 4.722 | ng    | 99       |
| 50) Dimethylphthalate         | 13.675 | 163  | 61286    | 4.443 | ng    | # 96     |
| 51) 2,6-Dinitrotoluene        | 13.792 | 165  | 12084    | 3.853 | ng    | 94       |
| 52) Acenaphthene              | 14.292 | 154  | 39836    | 4.268 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.145 | 138  | 10369    | 4.069 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.381 | 184  | 5815     | 2.988 | ng    | 96       |
| 55) Dibenzofuran              | 14.634 | 168  | 74395    | 4.539 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.539 | 139  | 6284     | 2.998 | ng    | # 85     |
| 57) 2,4-Dinitrotoluene        | 14.628 | 165  | 16592    | 3.660 | ng    | 90       |
| 58) Fluorene                  | 15.286 | 166  | 58490    | 4.295 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.869 | 232  | 18805    | 4.223 | ng    | 99       |
| 60) Diethylphthalate          | 15.063 | 149  | 58323    | 4.252 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.286 | 204  | 35901    | 4.473 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.345 | 138  | 9938m    | 3.801 | ng    |          |
| 63) Azobenzene                | 15.586 | 77   | 50575    | 4.287 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 10073    | 3.503 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.504 | 169  | 51780    | 4.431 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.192 | 248  | 25094    | 4.426 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.316 | 284  | 31288    | 4.309 | ng    | 97       |
| 69) Atrazine                  | 16.480 | 200  | 22233    | 5.645 | ng    | 99       |
| 70) Pentachlorophenol         | 16.692 | 266  | 16060    | 3.463 | ng    | 98       |
| 71) Phenanthrene              | 17.069 | 178  | 102953   | 4.501 | ng    | 97       |
| 72) Anthracene                | 17.175 | 178  | 93086    | 4.240 | ng    | 99       |
| 73) Carbazole                 | 17.463 | 167  | 91378    | 4.358 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.027 | 149  | 94521    | 4.045 | ng    | 99       |
| 75) Fluoranthene              | 19.163 | 202  | 135278   | 4.263 | ng    | 99       |
| 77) Benzidine                 | 19.380 | 184  | 40481    | 3.502 | ng    | # 96     |
| 78) Pyrene                    | 19.545 | 202  | 140697   | 4.063 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.498 | 149  | 43335    | 3.671 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.445 | 228  | 163636   | 4.495 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.374 | 252  | 61087    | 4.146 | ng    | 98       |
| 83) Chrysene                  | 21.510 | 228  | 155766   | 4.568 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 63052    | 3.721 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.598 | 149  | 113389   | 4.005 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.356 | 276  | 222829   | 4.726 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.668 | 252  | 177653   | 4.325 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.745 | 252  | 179392   | 4.626 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.545 | 252  | 164093   | 4.669 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.415 | 278  | 181589   | 4.696 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.497 | 276  | 171318   | 4.324 | ng    | 97       |

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

