

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021822\  
 Data File : BP009211.D  
 Acq On : 18 Feb 2022 13:32  
 Operator : CG/JU  
 Sample : PB142739BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB142739BS

Quant Time: Feb 19 00:48:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 19 00:46:08 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/21/2022  
 Supervised By : Jagrut Upadhyay 02/21/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 249099   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.563 | 136  | 988127   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.410 | 164  | 639126   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.175 | 188  | 1281656  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.274 | 240  | 985920   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.668 | 264  | 824933   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.364  | 112  | 1872242  | 134.072 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.963  | 99   | 2330148  | 126.635 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.934  | 82   | 1436496  | 81.983  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.916 | 330  | 1182933  | 138.622 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.034 | 172  | 3818043  | 83.627  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.739 | 244  | 5092235  | 92.883  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.270  | 88   | 148513   | 32.293  | ng    | 100      |
| 3) Pyridine                   | 3.670  | 79   | 372601   | 27.733  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 209556   | 40.716  | ng    | # 94     |
| 6) Aniline                    | 7.099  | 93   | 936358   | 44.832  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.340  | 128  | 756099   | 47.976  | ng    | 99       |
| 9) Benzaldehyde               | 6.916  | 77   | 399420m  | 42.854  | ng    |          |
| 10) Phenol                    | 6.993  | 94   | 882243   | 47.688  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.199  | 93   | 656805   | 45.722  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.652  | 146  | 780826   | 42.840  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.799  | 146  | 805898   | 43.312  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.116  | 146  | 785761   | 43.576  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.022  | 79   | 608334   | 51.935  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.299  | 45   | 702610   | 43.395  | ng    | 98       |
| 17) 2-Methylphenol            | 8.234  | 107  | 598041   | 48.218  | ng    | 98       |
| 18) Hexachloroethane          | 8.834  | 117  | 270030   | 43.809  | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.581  | 70   | 479573   | 45.520  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.569  | 107  | 803463   | 47.334  | ng    | 98       |
| 22) Acetophenone              | 8.599  | 105  | 1011155  | 43.774  | ng    | # 96     |
| 24) Nitrobenzene              | 8.975  | 77   | 734686   | 44.355  | ng    | 97       |
| 25) Isophorone                | 9.505  | 82   | 1367860  | 46.985  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.687  | 139  | 410965   | 47.971  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.763  | 122  | 674818   | 52.680  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.981  | 93   | 869514   | 44.002  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.246 | 162  | 753899   | 47.098  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.428 | 180  | 834000   | 44.313  | ng    | 98       |
| 31) Naphthalene               | 10.610 | 128  | 2188280  | 43.420  | ng    | 100      |
| 32) Benzoic acid              | 10.004 | 122  | 422880   | 41.338  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.751 | 127  | 539855   | 26.528  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.893 | 225  | 521406   | 45.035  | ng    | 99       |
| 35) Caprolactam               | 11.569 | 113  | 208086m  | 44.334  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.893 | 107  | 699614   | 45.819  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.228 | 142  | 1598953  | 44.834  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.451 | 142  | 1499293  | 43.023  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216  | 964164   | 47.394  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.575 | 237  | 589430   | 77.736  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.857 | 196  | 627935   | 46.546  | ng    | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.951 | 196  | 671992   | 46.450 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.245 | 154  | 2109391  | 44.921 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.287 | 162  | 1656426  | 44.392 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.510 | 65   | 396077   | 45.811 | ng    | 95       |
| 49) Acenaphthylene            | 14.134 | 152  | 2622026  | 46.610 | ng    | 100      |
| 50) Dimethylphthalate         | 13.881 | 163  | 2053872  | 45.083 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.004 | 165  | 463312   | 48.762 | ng    | 96       |
| 52) Acenaphthene              | 14.475 | 154  | 1525816  | 44.578 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.345 | 138  | 304194   | 31.301 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.575 | 184  | 452023   | 72.701 | ng    | 96       |
| 55) Dibenzofuran              | 14.816 | 168  | 2486989  | 43.127 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.698 | 139  | 543049   | 68.031 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.810 | 165  | 619926   | 49.959 | ng    | # 79     |
| 58) Fluorene                  | 15.469 | 166  | 1970896  | 44.487 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 565509m  | 44.668 | ng    |          |
| 60) Diethylphthalate          | 15.245 | 149  | 1956832  | 45.426 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204  | 1068515  | 44.389 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.522 | 138  | 408988m  | 41.854 | ng    |          |
| 63) Azobenzene                | 15.757 | 77   | 1590896  | 42.684 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 198  | 325261   | 41.353 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.681 | 169  | 1743388  | 44.852 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.357 | 248  | 696798   | 46.916 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.481 | 284  | 795180   | 47.796 | ng    | 98       |
| 69) Atrazine                  | 16.645 | 200  | 650249   | 50.451 | ng    | 99       |
| 70) Pentachlorophenol         | 16.845 | 266  | 739678   | 84.438 | ng    | 100      |
| 71) Phenanthrene              | 17.216 | 178  | 3046326  | 43.897 | ng    | 98       |
| 72) Anthracene                | 17.310 | 178  | 3096340  | 45.604 | ng    | 99       |
| 73) Carbazole                 | 17.592 | 167  | 2689014  | 41.317 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.133 | 149  | 3128744  | 47.446 | ng    | 99       |
| 75) Fluoranthene              | 19.192 | 202  | 3389272  | 43.575 | ng    | 97       |
| 77) Benzidine                 | 19.380 | 184  | 1496178  | 72.624 | ng    | 99       |
| 78) Pyrene                    | 19.545 | 202  | 3409425  | 48.613 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.416 | 149  | 1183575  | 49.078 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.263 | 228  | 2887562  | 45.448 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.192 | 252  | 822803   | 37.351 | ng    | 98       |
| 83) Chrysene                  | 21.316 | 228  | 2657943  | 43.396 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.180 | 149  | 1648871  | 51.689 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.086 | 149  | 2421463  | 47.453 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.157 | 276  | 2912290  | 47.513 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.933 | 252  | 2438415  | 48.015 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.980 | 252  | 2405436  | 47.476 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.557 | 252  | 2362566  | 55.800 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 26.162 | 278  | 2500431  | 49.640 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.915 | 276  | 2489759  | 49.644 | ng    | 97       |

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

