

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071125\  
 Data File : BP025106.D  
 Acq On : 11 Jul 2025 16:24  
 Operator : CG/JU  
 Sample : Q2126-01  
 Misc : LOD-MDL-SOIL-8 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 18 07:07:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.437  | 152  | 361448   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.184 | 136  | 1522499  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.078 | 164  | 1034826  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 16.895 | 188  | 2111775  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.336 | 240  | 2292304  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.471 | 264  | 2419377  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.096  | 112  | 2903464  | 142.330 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.625  | 99   | 3743209  | 140.611 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.566  | 82   | 2400624  | 104.863 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.613 | 330  | 2011760  | 164.564 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.690 | 172  | 6627756  | 99.220  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.671 | 244  | 11287676 | 108.223 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.119  | 88   | 71377    | 8.998   | ng    | 99       |
| 3) Pyridine                   | 3.490  | 79   | 187508   | 8.634   | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.408  | 42   | 77043    | 8.379   | ng    | # 92     |
| 6) Aniline                    | 6.778  | 93   | 301294   | 12.113  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.013  | 128  | 211627   | 9.272   | ng    | 99       |
| 9) Benzaldehyde               | 6.596  | 77   | 171091   | 12.306  | ng    | 98       |
| 10) Phenol                    | 6.655  | 94   | 242659   | 8.971   | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.878  | 93   | 184869   | 8.881   | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.331  | 146  | 240307   | 9.407   | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.472  | 146  | 243904   | 9.431   | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.778  | 146  | 236488   | 9.506   | ng    | 99       |
| 15) Benzyl Alcohol            | 7.666  | 79   | 164314   | 9.248   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.960  | 45   | 247846   | 9.156   | ng    | 98       |
| 17) 2-Methylphenol            | 7.872  | 107  | 162134   | 9.305   | ng    | 99       |
| 18) Hexachloroethane          | 8.496  | 117  | 80869    | 9.598   | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.231  | 70   | 147040   | 9.314   | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.190  | 107  | 220406   | 9.031   | ng    | 99       |
| 22) Acetophenone              | 8.237  | 105  | 322225   | 8.949   | ng    | 99       |
| 24) Nitrobenzene              | 8.607  | 77   | 221125   | 9.483   | ng    | 97       |
| 25) Isophorone                | 9.131  | 82   | 411421   | 9.617   | ng    | 99       |
| 26) 2-Nitrophenol             | 9.307  | 139  | 91812    | 10.857  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.378  | 122  | 199291   | 12.488  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.619  | 93   | 263050   | 9.055   | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 9.837  | 162  | 190819   | 8.623   | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.048 | 180  | 221977   | 9.058   | ng    | 98       |
| 31) Naphthalene               | 10.231 | 128  | 684771   | 8.735   | ng    | 99       |
| 32) Benzoic acid              | 9.443  | 122  | 93979    | 11.336  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.337 | 127  | 289860   | 9.907   | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.537 | 225  | 131704   | 9.365   | ng    | 97       |
| 35) Caprolactam               | 11.078 | 113  | 62877    | 8.306   | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.466 | 107  | 198919   | 8.602   | ng    | 99       |
| 37) 2-Methylnaphthalene       | 11.854 | 142  | 434503   | 7.855   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.078 | 142  | 468897   | 8.692   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.231 | 216  | 255195   | 8.581   | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.219 | 237  | 115759   | 14.901  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.478 | 196  | 160575   | 8.917   | ng    | 97       |

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 Misc : LOD-MDL-SOIL-8 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 18 07:07:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.542 | 196  | 176935   | 8.669  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 12.889 | 154  | 661308   | 8.783  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 12.925 | 162  | 498212   | 8.804  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.137 | 65   | 110741   | 10.293 | ng    | 95       |
| 49) Acenaphthylene            | 13.795 | 152  | 800251   | 9.239  | ng    | 99       |
| 50) Dimethylphthalate         | 13.548 | 163  | 643398   | 8.882  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.642 | 165  | 123323   | 8.729  | ng    | 97       |
| 52) Acenaphthene              | 14.142 | 154  | 479907   | 8.597  | ng    | 99       |
| 53) 3-Nitroaniline            | 13.972 | 138  | 137212   | 9.063  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.189 | 184  | 44059    | 11.337 | ng    | 99       |
| 55) Dibenzofuran              | 14.484 | 168  | 800132   | 8.685  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.295 | 139  | 111724   | 7.996  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.448 | 165  | 160139   | 9.936  | ng    | 100      |
| 58) Fluorene                  | 15.154 | 166  | 634471   | 8.904  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.713 | 232  | 160436   | 8.681  | ng    | 98       |
| 60) Diethylphthalate          | 14.954 | 149  | 644501   | 8.858  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.166 | 204  | 316170   | 8.965  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.160 | 138  | 142069   | 8.949  | ng    | 99       |
| 63) Azobenzene                | 15.460 | 77   | 525797   | 8.116  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.236 | 198  | 65779    | 11.628 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.378 | 169  | 544497   | 9.009  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.078 | 248  | 199104   | 9.208  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.183 | 284  | 244943   | 9.268  | ng    | 97       |
| 69) Atrazine                  | 16.378 | 200  | 193005   | 10.898 | ng    | 98       |
| 70) Pentachlorophenol         | 16.542 | 266  | 141833   | 7.946  | ng    | 98       |
| 71) Phenanthrene              | 16.942 | 178  | 1029648  | 9.125  | ng    | 99       |
| 72) Anthracene                | 17.042 | 178  | 1018107  | 9.405  | ng    | 99       |
| 73) Carbazole                 | 17.319 | 167  | 950613   | 8.981  | ng    | 100      |
| 74) Di-n-butylphthalate       | 17.954 | 149  | 1061150  | 9.003  | ng    | 99       |
| 75) Fluoranthene              | 19.042 | 202  | 1168689  | 8.860  | ng    | 99       |
| 77) Benzidine                 | 19.254 | 184  | 534140   | 13.193 | ng    | 99       |
| 78) Pyrene                    | 19.424 | 202  | 1237373  | 8.715  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.424 | 149  | 448564   | 11.253 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.318 | 228  | 1268521  | 9.131  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.254 | 252  | 408582   | 9.770  | ng    | 99       |
| 83) Chrysene                  | 21.383 | 228  | 1205926  | 9.021  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.318 | 149  | 692326   | 9.291  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.536 | 149  | 1062604  | 12.888 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.989 | 276  | 1397062m | 9.064  | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.471 | 252  | 1191967  | 8.464  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.554 | 252  | 1211039  | 8.643  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.318 | 252  | 1119226  | 9.338  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.077 | 278  | 1150979  | 9.034  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.071 | 276  | 1136378  | 8.634  | ng    | 99       |

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

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