

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051425\  
 Data File : BP024630.D  
 Acq On : 14 May 2025 17:56  
 Operator : RC/JU  
 Sample : Q1872-11DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HW0425-PT-BNA-SOILD

Quant Time: May 14 18:17:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.663  | 152  | 126505   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.428 | 136  | 541006   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.287 | 164  | 352192   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.086 | 188  | 725477   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.521 | 240  | 821394   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.815 | 264  | 960938   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.287  | 112  | 111558   | 15.083 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.852  | 99   | 146537   | 15.523 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.805  | 82   | 101308   | 9.462  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.810 | 330  | 103081   | 17.265 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.898 | 172  | 289050   | 10.752 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 539049   | 11.253 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 8) 2-Chlorophenol             | 7.240  | 128  | 96299    | 11.469 | ng    | 99       |
| 10) Phenol                    | 6.881  | 94   | 104379   | 10.713 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.699  | 146  | 245114   | 25.228 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.010  | 146  | 116971   | 12.355 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.175  | 45   | 107528   | 11.215 | ng    | 98       |
| 18) Hexachloroethane          | 8.728  | 117  | 77858    | 20.912 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.457  | 70   | 103952   | 15.920 | ng    | 99       |
| 24) Nitrobenzene              | 8.852  | 77   | 292484   | 31.040 | ng    | 98       |
| 25) Isophorone                | 9.369  | 82   | 310519   | 16.719 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.557  | 139  | 51616    | 11.179 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.846  | 93   | 271860   | 24.500 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.763 | 225  | 148968   | 25.868 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.710 | 196  | 137853   | 20.810 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.157 | 162  | 258365   | 13.017 | ng    | 99       |
| 49) Acenaphthylene            | 14.004 | 152  | 130705   | 3.935  | ng    | 98       |
| 50) Dimethylphthalate         | 13.745 | 163  | 422091   | 15.724 | ng    | 100      |
| 52) Acenaphthene              | 14.357 | 154  | 180889   | 9.473  | ng    | 100      |
| 55) Dibenzofuran              | 14.698 | 168  | 496959   | 16.317 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.551 | 139  | 116135   | 26.181 | ng    | 99       |
| 58) Fluorene                  | 15.357 | 166  | 673553   | 27.121 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.934 | 232  | 133248   | 19.480 | ng    | 100      |
| 60) Diethylphthalate          | 15.134 | 149  | 778731   | 28.702 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248  | 134193   | 15.698 | ng    | 100      |
| 70) Pentachlorophenol         | 16.739 | 266  | 107862   | 17.689 | ng    | 98       |
| 72) Anthracene                | 17.228 | 178  | 243973   | 6.013  | ng    | 99       |
| 73) Carbazole                 | 17.510 | 167  | 829082   | 22.575 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.092 | 149  | 1236759  | 26.184 | ng    | 99       |
| 75) Fluoranthene              | 19.222 | 202  | 1290609  | 27.376 | ng    | 100      |
| 83) Chrysene                  | 21.574 | 228  | 550263   | 11.255 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.445 | 149  | 1009672  | 31.383 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.521 | 276  | 895304   | 12.762 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.774 | 252  | 501604   | 9.120  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.662 | 252  | 289709   | 5.484  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.598 | 278  | 388749   | 6.811  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.674 | 276  | 465874   | 8.208  | ng    | 98       |
| -----                         |        |      |          |        |       |          |

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

