

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062623\  
 Data File : BP015734.D  
 Acq On : 27 Jun 2023 03:28  
 Operator : MA/JU  
 Sample : PB153446BS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS446

Quant Time: Jun 27 04:17:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 27 00:56:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.063  | 152  | 116558   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.887 | 136  | 428223   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.710 | 164  | 248509   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.475 | 188  | 545522   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.563 | 240  | 551717   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.110 | 264  | 685552   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 18563    | 5.730  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.828  | 84   | 229588   | 28.113 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.228  | 99   | 284670   | 28.544 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.387  | 67   | 183140   | 29.682 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.593  | 132  | 235953   | 31.342 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.787  | 113  | 225193   | 28.583 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.246  | 128  | 110803   | 33.857 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.969  | 143  | 122671   | 32.116 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.522 | 165  | 214284   | 31.482 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.040 | 131  | 274188   | 31.359 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.116 | 166  | 627737   | 32.681 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.404 | 160  | 709686   | 32.868 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.945 | 143  | 93915    | 37.051 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.704 | 176  | 515239   | 32.578 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 200  | 108735   | 32.411 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.575 | 188  | 824929   | 33.105 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.798 | 212  | 1036673  | 28.776 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.945 | 264  | 1182549  | 34.195 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.423  | 88   | 39462    | 11.319 | ng/uL  | 99       |
| 5) Pyridine                   | 3.852  | 79   | 229967   | 26.918 | ng/u1  | 94       |
| 6) Benzaldehyde               | 7.199  | 77   | 179233   | 44.452 | ng/u1  | 99       |
| 8) Phenol                     | 7.258  | 94   | 288315   | 27.859 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.481  | 93   | 231164   | 28.074 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.622  | 128  | 231467   | 28.941 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.516  | 108  | 213055   | 27.267 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.599  | 45   | 312848   | 27.818 | ng/u1  | 99       |
| 16) Acetophenone              | 8.905  | 105  | 342887   | 26.476 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.881  | 70   | 182935   | 25.433 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.858  | 108  | 226289   | 26.954 | ng/u1  | 96       |
| 19) Hexachloroethane          | 9.146  | 117  | 110490   | 29.911 | ng/u1  | 99       |
| 22) Nitrobenzene              | 9.287  | 77   | 281435   | 30.623 | ng/u1  | 98       |
| 23) Isophorone                | 9.810  | 82   | 499668   | 28.411 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 10.005 | 139  | 121976   | 30.090 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 10.063 | 107  | 240809   | 27.023 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.293 | 93   | 288829   | 29.092 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.546 | 162  | 205470   | 30.364 | ng/u1  | 99       |
| 30) Naphthalene               | 10.940 | 128  | 697185   | 29.949 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 11.063 | 127  | 240291   | 26.452 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.210 | 225  | 156607   | 30.646 | ng/u1  | 98       |
| 34) Caprolactam               | 11.857 | 113  | 63236    | 30.550 | ng/u1  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.193 | 107  | 227929   | 28.776 | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.546 | 142  | 446741   | 29.152 | ng/u1  | 96       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.763 | 142  | 452736   | 28.960 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.910 | 216  | 254134   | 31.033 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.875 | 237  | 59760    | 24.393 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.157 | 196  | 157524   | 30.437 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.240 | 196  | 170087   | 30.984 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.546 | 154  | 592299   | 30.091 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.593 | 162  | 473286   | 30.522 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.810 | 65   | 156067   | 31.987 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.163 | 163  | 597145   | 30.040 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.304 | 165  | 126016   | 31.252 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.434 | 152  | 721712   | 30.335 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.640 | 138  | 119306   | 37.731 | ng/ul  | 87       |
| 52) Acenaphthene              | 14.775 | 153  | 502745   | 30.473 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.869 | 184  | 62101    | 29.029 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.963 | 109  | 87727    | 33.398 | ng/ul  | 94       |
| 56) Dibenzofuran              | 15.110 | 168  | 696099   | 30.394 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 15.104 | 165  | 183902   | 33.468 | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.345 | 232  | 147250   | 31.229 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.522 | 149  | 614929   | 30.569 | ng/ul  | 98       |
| 61) Fluorene                  | 15.763 | 166  | 570637   | 30.718 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.745 | 204  | 286562   | 30.147 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.810 | 138  | 115179   | 53.221 | ng/ul  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.869 | 198  | 101635   | 29.942 | ng/ul# | 98       |
| 67) N-Nitrosodiphenylamine    | 15.969 | 169  | 486109   | 29.766 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.651 | 248  | 182416   | 29.283 | ng/ul  | 92       |
| 69) Hexachlorobenzene         | 16.775 | 284  | 220868   | 30.048 | ng/ul  | 99       |
| 70) Atrazine                  | 16.922 | 200  | 142266   | 22.758 | ng/ul  | 100      |
| 71) Pentachlorophenol         | 17.128 | 266  | 110173   | 31.230 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.516 | 178  | 929835   | 31.375 | ng/ul  | 99       |
| 74) Anthracene                | 17.610 | 178  | 924829   | 31.057 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.516 | 216  | 250831   | 28.257 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 15.034 | 250  | 252568   | 28.192 | ng/uL  | 99       |
| 77) Carbazole                 | 17.886 | 167  | 846198   | 33.714 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.404 | 149  | 1101583  | 33.106 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.475 | 202  | 1166885  | 26.062 | ng/ul  | 100      |
| 82) Pyrene                    | 19.828 | 202  | 1215939  | 26.623 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.675 | 149  | 550902   | 29.566 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.474 | 252  | 437596   | 35.086 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.545 | 228  | 1224276  | 31.545 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.433 | 149  | 796697   | 31.112 | ng/ul  | 99       |
| 87) Chrysene                  | 21.604 | 228  | 1173398  | 31.867 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.398 | 149  | 1428118  | 28.505 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.327 | 252  | 1354547  | 30.750 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.374 | 252  | 1311908  | 29.477 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.998 | 252  | 1197328  | 31.107 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.815 | 276  | 1656988  | 31.712 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.827 | 278  | 1377174  | 32.088 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.651 | 276  | 1358452  | 31.602 | ng/ul  | 99       |

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

