

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071822\  
 Data File : BP011010.D  
 Acq On : 19 Jul 2022 01:02  
 Operator : CG/JU  
 Sample : N3710-09MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0B06MSD

Quant Time: Jul 19 01:49:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071422.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 14 15:34:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.681  | 152  | 382093   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.475 | 136  | 1449731  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.340 | 164  | 761882   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.110 | 188  | 1482576  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.228 | 240  | 1440662  | 20.000 | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 23.580 | 264  | 1590026  | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 44633    | 4.211  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84   | 423598   | 15.463 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.858  | 99   | 265708   | 8.472  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.022  | 67   | 716749   | 35.538 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.211  | 132  | 721056   | 28.451 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.399  | 113  | 478386   | 19.052 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.840  | 128  | 426006   | 40.323 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.563  | 143  | 400087   | 38.271 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.099 | 165  | 688666   | 36.022 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.622 | 131  | 803110   | 25.481 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.763 | 166  | 2431774  | 46.700 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.034 | 160  | 2751823  | 44.790 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.563 | 143  | 112884   | 10.711 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.340 | 176  | 1988013  | 44.915 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.469 | 200  | 342235   | 46.650 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.210 | 188  | 3114669  | 49.417 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.463 | 212  | 3613505  | 47.757 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.433 | 264  | 3877757  | 50.778 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.217  | 88   | 94343    | 8.484  | ng/uL# | 88       |
| 5) Pyridine                   | 3.611  | 79   | 457025   | 16.188 | ng/ul# | 77       |
| 6) Benzaldehyde               | 6.828  | 77   | 764319   | 50.169 | ng/ul  | 99       |
| 8) Phenol                     | 6.887  | 94   | 297335   | 8.918  | ng/ul# | 85       |
| 10) Bis(2-Chloroethyl)ether   | 7.117  | 93   | 930546   | 35.169 | ng/ul  | 90       |
| 12) 2-Chlorophenol            | 7.246  | 128  | 738754   | 28.200 | ng/ul  | 93       |
| 13) 2-Methylphenol            | 8.128  | 108  | 543575   | 22.047 | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.222  | 45   | 1280850  | 35.393 | ng/ul# | 97       |
| 16) Acetophenone              | 8.511  | 105  | 1335415  | 35.133 | ng/ul# | 88       |
| 17) N-Nitroso-di-n-propyla... | 8.499  | 70   | 662001   | 34.710 | ng/ul  | 92       |
| 18) 4-Methylphenol            | 8.464  | 108  | 509896   | 19.370 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.752  | 117  | 331419   | 31.968 | ng/ul# | 81       |
| 22) Nitrobenzene              | 8.887  | 77   | 999671   | 40.236 | ng/ul# | 90       |
| 23) Isophorone                | 9.416  | 82   | 1848819  | 39.760 | ng/ul# | 97       |
| 25) 2-Nitrophenol             | 9.593  | 139  | 432721   | 36.876 | ng/ul# | 83       |
| 26) 2,4-Dimethylphenol        | 9.663  | 107  | 826186   | 33.294 | ng/ul  | 95       |
| 27) Bis(2-Chloroethoxy)met... | 9.899  | 93   | 1159644  | 37.684 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.122 | 162  | 689199   | 34.829 | ng/ul  | 98       |
| 30) Naphthalene               | 10.522 | 128  | 2717691  | 36.787 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.646 | 127  | 1022307  | 32.792 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.805 | 225  | 391118   | 33.955 | ng/ul  | 96       |
| 34) Caprolactam               | 11.458 | 113  | 52162    | 7.522  | ng/ul  | 97       |
| 35) 4-Chloro-3-methylphenol   | 11.775 | 107  | 784338   | 35.073 | ng/ul  | 95       |
| 36) 2-Methylnaphthalene       | 12.146 | 142  | 1763203  | 36.815 | ng/ul  | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.369 | 142  | 1758032  | 36.621 | ng/ul# | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.516 | 216  | 793696   | 39.498 | ng/ul# | 98       |
| 40) Hexachlorocyclopentadiene | 12.493 | 237  | 394290   | 31.681 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.763 | 196  | 559013   | 42.244 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.834 | 196  | 617406   | 43.656 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.169 | 154  | 2289234  | 40.270 | ng/ul# | 97       |
| 44) 2-Chloronaphthalene       | 13.210 | 162  | 1751114  | 41.011 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.422 | 65   | 620876   | 49.908 | ng/ul# | 85       |
| 47) Dimethylphthalate         | 13.810 | 163  | 2431041  | 46.268 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 13.928 | 165  | 490167   | 51.528 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.063 | 152  | 2861365  | 41.506 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.257 | 138  | 534329   | 46.753 | ng/ul  | 91       |
| 52) Acenaphthene              | 14.404 | 153  | 1973813  | 43.219 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.463 | 184  | 225983   | 40.606 | ng/ul# | 84       |
| 55) 4-Nitrophenol             | 14.575 | 109  | 89966    | 11.150 | ng/ul# | 74       |
| 56) Dibenzofuran              | 14.746 | 168  | 2692559  | 42.727 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 709502   | 52.289 | ng/ul  | 86       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 520678   | 47.013 | ng/ul  | 90       |
| 59) Diethylphthalate          | 15.187 | 149  | 2592049  | 48.037 | ng/ul  | 98       |
| 61) Fluorene                  | 15.398 | 166  | 2263573  | 44.758 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.398 | 204  | 1014367  | 43.568 | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.428 | 138  | 585940   | 55.785 | ng/ul# | 80       |
| 66) 4,6-Dinitro-2-methylph... | 15.481 | 198  | 343977   | 45.704 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.616 | 169  | 1997988  | 47.177 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.298 | 248  | 651216   | 48.702 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.404 | 284  | 726150   | 46.791 | ng/ul  | 94       |
| 70) Atrazine                  | 16.593 | 200  | 697768   | 47.628 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.757 | 266  | 435396   | 45.555 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.151 | 178  | 3723606  | 48.208 | ng/ul  | 99       |
| 74) Anthracene                | 17.245 | 178  | 3719593  | 48.411 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.128 | 216  | 836777   | 39.426 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.657 | 250  | 811624   | 43.624 | ng/uL  | 99       |
| 77) Carbazole                 | 17.522 | 167  | 3626095  | 50.424 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.092 | 149  | 4703609  | 52.326 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.134 | 202  | 4320094  | 48.818 | ng/ul# | 85       |
| 82) Pyrene                    | 19.492 | 202  | 4426892  | 48.486 | ng/ul# | 83       |
| 83) Butylbenzylphthalate      | 20.386 | 149  | 2304133  | 56.570 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.157 | 252  | 378882   | 14.853 | ng/ul# | 97       |
| 85) Benzo(a)anthracene        | 21.216 | 228  | 4392955  | 50.069 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.157 | 149  | 3411288  | 56.132 | ng/ul# | 96       |
| 87) Chrysene                  | 21.269 | 228  | 4163185  | 48.325 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.069 | 149  | 5895193  | 55.283 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.869 | 252  | 4889256  | 49.800 | ng/ul# | 95       |
| 91) Benzo(k)fluoranthene      | 22.916 | 252  | 4562682  | 49.477 | ng/ul# | 94       |
| 93) Benzo(a)pyrene            | 23.480 | 252  | 4222394  | 44.783 | ng/ul# | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.021 | 276  | 5788577  | 52.829 | ng/ul# | 88       |
| 95) Dibenzo(a,h)anthracene    | 26.045 | 278  | 4805642  | 50.685 | ng/ul# | 90       |
| 96) Benzo(g,h,i)perylene      | 26.774 | 276  | 4775419  | 51.171 | ng/ul# | 87       |

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

