

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092521\  
 Data File : BM032166.D  
 Acq On : 25 Sep 2021 23:01  
 Operator : CG/JU  
 Sample : PB139361BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS361

Quant Time: Sep 26 01:28:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM092421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 25 01:15:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.666  | 152  | 441652   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.460 | 136  | 1790485  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.313 | 164  | 1027684  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.036 | 188  | 1837118  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.200 | 240  | 1435772  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.365 | 264  | 1357563  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 2.990  | 96   | 67790    | 6.481  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.413  | 84   | 900738   | 30.334 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.848  | 99   | 1137640  | 32.451 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.989  | 67   | 670971   | 31.830 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.207  | 132  | 903893   | 33.210 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.395  | 113  | 887399   | 32.372 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.819  | 128  | 409692   | 38.310 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.548  | 143  | 437121   | 38.656 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.089 | 165  | 885617   | 34.260 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.589 | 131  | 1129949  | 32.341 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.713 | 166  | 2279597  | 34.141 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.001 | 160  | 2926334  | 34.495 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.513 | 143  | 382037   | 35.172 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.301 | 176  | 1929230  | 33.861 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.412 | 200  | 309924   | 35.697 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.136 | 188  | 2700617  | 35.231 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.418 | 212  | 2749645  | 36.399 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.230 | 264  | 2280088  | 35.788 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.025  | 88   | 140822   | 12.254 | ng/uL  | 96       |
| 5) Pyridine                   | 3.437  | 79   | 929211   | 31.561 | ng/u1  | 95       |
| 6) Benzaldehyde               | 6.789  | 77   | 674997   | 34.175 | ng/u1  | 96       |
| 8) Phenol                     | 6.878  | 94   | 1224265  | 34.447 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.084  | 93   | 971956   | 34.324 | ng/u1  | 97       |
| 12) 2-Chlorophenol            | 7.237  | 128  | 992615   | 34.963 | ng/u1  | 96       |
| 13) 2-Methylphenol            | 8.125  | 108  | 921806   | 34.270 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.201  | 45   | 1243350  | 31.903 | ng/u1  | 97       |
| 16) Acetophenone              | 8.483  | 105  | 1417637  | 34.120 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.478  | 70   | 695447   | 32.817 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.454  | 108  | 987859   | 34.942 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.760  | 117  | 397844   | 34.142 | ng/u1  | 95       |
| 22) Nitrobenzene              | 8.866  | 77   | 1022716  | 37.078 | ng/u1  | 98       |
| 23) Isophorone                | 9.383  | 82   | 1884760  | 32.825 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.578  | 139  | 522497   | 40.446 | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.648  | 107  | 1027280  | 33.391 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.866  | 93   | 1275469  | 34.749 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.119 | 162  | 917427   | 36.076 | ng/u1  | 99       |
| 30) Naphthalene               | 10.513 | 128  | 3033665  | 34.517 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.613 | 127  | 1190485  | 33.401 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.819 | 225  | 591941   | 33.859 | ng/u1  | 100      |
| 34) Caprolactam               | 11.354 | 113  | 248730   | 32.066 | ng/u1  | 91       |
| 35) 4-Chloro-3-methylphenol   | 11.754 | 107  | 940848   | 34.350 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.124 | 142  | 2125551  | 36.027 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.348 | 142  | 2021865  | 33.668 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.507 | 216  | 1072656  | 36.566 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.501 | 237  | 512340   | 32.590 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.742 | 196  | 692337   | 37.732 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.819 | 196  | 740512   | 38.017 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.142 | 154  | 2617846  | 35.968 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.183 | 162  | 1998111  | 36.389 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.383 | 65   | 504602   | 40.656 | ng/ul | 92       |
| 47) Dimethylphthalate         | 13.765 | 163  | 2359930  | 35.427 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.877 | 165  | 449743   | 40.661 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.030 | 152  | 2944718  | 33.050 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.207 | 138  | 455121   | 37.623 | ng/ul | 96       |
| 52) Acenaphthene              | 14.377 | 153  | 2093022  | 36.111 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.407 | 184  | 214714   | 35.510 | ng/ul | 92       |
| 55) 4-Nitrophenol             | 14.530 | 109  | 323184   | 36.478 | ng/ul | 93       |
| 56) Dibenzofuran              | 14.713 | 168  | 2912223  | 35.007 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.665 | 165  | 616943   | 39.986 | ng/ul | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.942 | 232  | 589073   | 37.071 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.130 | 149  | 2276939  | 34.967 | ng/ul | 99       |
| 61) Fluorene                  | 15.354 | 166  | 2219549  | 34.386 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.348 | 204  | 1124397  | 34.450 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.365 | 138  | 406717   | 38.358 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.430 | 198  | 330016   | 38.507 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.560 | 169  | 1959362  | 38.267 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.236 | 248  | 672280   | 38.324 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.371 | 284  | 765790   | 35.909 | ng/ul | 99       |
| 70) Atrazine                  | 16.501 | 200  | 645115   | 35.642 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.701 | 266  | 445108   | 36.336 | ng/ul | 98       |
| 72) Phenanthrene              | 17.077 | 178  | 3363212  | 36.670 | ng/ul | 100      |
| 74) Anthracene                | 17.171 | 178  | 3367416  | 36.632 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.113 | 216  | 1104079  | 38.988 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.642 | 250  | 982427   | 35.827 | ng/uL | 99       |
| 77) Carbazole                 | 17.436 | 167  | 2957809  | 38.040 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 17.995 | 149  | 3425390  | 38.344 | ng/ul | 100      |
| 80) Fluoranthene              | 19.089 | 202  | 3521750  | 37.567 | ng/ul | 99       |
| 82) Pyrene                    | 19.447 | 202  | 3561849  | 37.051 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.336 | 149  | 1244555  | 45.022 | ng/ul | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.118 | 252  | 958446   | 40.251 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.183 | 228  | 3057175  | 37.792 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.106 | 149  | 1766062  | 43.155 | ng/ul | 98       |
| 87) Chrysene                  | 21.236 | 228  | 3007331  | 36.894 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 21.953 | 149  | 2948004  | 42.737 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.724 | 252  | 3043872  | 37.965 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 22.765 | 252  | 2979063  | 39.206 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.277 | 252  | 2717006  | 35.888 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.524 | 276  | 3294248  | 42.692 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 25.524 | 278  | 2772180  | 43.318 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.182 | 276  | 2841203  | 41.542 | ng/ul | 100      |

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

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