

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072524\  
 Data File : BP021140.D  
 Acq On : 25 Jul 2024 09:31  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020705

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024  
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 22:45:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 25 00:15:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 211433   | 20.000 | ng/u1  | -0.02    |
| 20) Naphthalene-d8            | 10.399 | 136  | 827407   | 20.000 | ng/u1  | -0.03    |
| 38) Acenaphthene-d10          | 14.281 | 164  | 508748   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.110 | 188  | 1009543  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.557 | 240  | 736296   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.868 | 264  | 927483   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.170  | 96   | 35510    | 7.643  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.581  | 84   | 246910   | 18.356 | ng/u1  | -0.02    |
| 7) Phenol-d5                  | 6.834  | 99   | 311154   | 18.051 | ng/u1  | -0.04    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.975  | 67   | 187958   | 17.993 | ng/u1  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.169  | 132  | 263474   | 18.552 | ng/u1  | -0.04    |
| 15) 4-Methylphenol-d8         | 8.352  | 113  | 249082   | 17.398 | ng/u1  | -0.03    |
| 21) Nitrobenzene-d5           | 8.781  | 128  | 125830   | 19.580 | ng/u1  | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.499  | 143  | 142713   | 19.402 | ng/u1  | -0.02    |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 252320   | 18.971 | ng/u1  | -0.03    |
| 31) 4-Chloroaniline-d4        | 10.552 | 131  | 326850   | 18.550 | ng/u1  | -0.02    |
| 46) Dimethylphthalate-d6      | 13.687 | 166  | 693493   | 18.752 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 13.975 | 160  | 801549   | 19.302 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.575 | 143  | 122190m  | 23.221 | ng/u1  | -0.02    |
| 60) Fluorene-d10              | 15.298 | 176  | 572004   | 18.853 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 104331   | 17.080 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.210 | 188  | 854546   | 19.058 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 908767   | 19.964 | ng/u1  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 24.645 | 264  | 846482   | 18.505 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.199  | 88   | 39574    | 7.744  | ng/uL  | 97       |
| 5) Pyridine                   | 3.599  | 79   | 262264   | 18.903 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.793  | 77   | 191994   | 22.093 | ng/u1  | 99       |
| 8) Phenol                     | 6.864  | 94   | 314467   | 18.029 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.064  | 93   | 263508   | 18.287 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.205  | 128  | 264805   | 18.603 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.093  | 108  | 244537   | 18.128 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.152  | 45   | 369185   | 17.734 | ng/u1  | 97       |
| 16) Acetophenone              | 8.452  | 105  | 391648   | 17.725 | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.428  | 70   | 194386   | 16.790 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.416  | 108  | 254188   | 17.589 | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.675  | 117  | 115279   | 18.022 | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.828  | 77   | 296346   | 19.250 | ng/u1  | 100      |
| 23) Isophorone                | 9.346  | 82   | 537044   | 17.548 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.534  | 139  | 147872   | 19.276 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 9.605  | 107  | 283740   | 18.757 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.810  | 93   | 335574   | 18.039 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.075 | 162  | 246548   | 18.809 | ng/u1  | 99       |
| 30) Naphthalene               | 10.446 | 128  | 822625   | 18.901 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.581 | 127  | 309702   | 18.407 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.716 | 225  | 187312   | 19.058 | ng/u1  | 99       |
| 34) Caprolactam               | 11.387 | 113  | 71343    | 17.668 | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 11.734 | 107  | 255096   | 17.904 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.069 | 142  | 550581   | 18.429 | ng/u1  | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072524\  
 Data File : BP021140.D  
 Acq On : 25 Jul 2024 09:31  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020705

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024  
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 22:45:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 25 00:15:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.293 | 142  | 560822   | 18.252 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.440 | 216  | 326403   | 19.756 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.399 | 237  | 212567   | 24.594 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.699 | 196  | 197854   | 18.952 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.810 | 196  | 207344   | 18.771 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.093 | 154  | 707911   | 19.040 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.146 | 162  | 572582   | 19.291 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.375 | 65   | 155032   | 18.888 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 13.740 | 163  | 706883   | 18.837 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.881 | 165  | 141513   | 18.862 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.004 | 152  | 887595   | 18.878 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.228 | 138  | 133249   | 20.410 | ng/ul  | 94       |
| 52) Acenaphthene              | 14.351 | 153  | 603641   | 19.343 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.469 | 184  | 94856m   | 24.075 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.593 | 109  | 81324    | 19.000 | ng/ul  | 90       |
| 56) Dibenzofuran              | 14.693 | 168  | 813357   | 19.033 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.693 | 165  | 202056   | 19.619 | ng/ul# | 79       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.945 | 232  | 164849   | 17.428 | ng/ul  | 93       |
| 59) Diethylphthalate          | 15.128 | 149  | 681027   | 18.159 | ng/ul  | 100      |
| 61) Fluorene                  | 15.357 | 166  | 660949   | 18.953 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.345 | 204  | 348862   | 18.436 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.422 | 138  | 117520   | 21.737 | ng/ul  | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.487 | 198  | 111629   | 17.233 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.581 | 169  | 549074   | 18.677 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.269 | 248  | 215901   | 18.246 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.387 | 284  | 255743   | 18.849 | ng/ul  | 98       |
| 70) Atrazine                  | 16.569 | 200  | 205019   | 19.135 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.769 | 266  | 127924   | 17.360 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.151 | 178  | 991647   | 18.935 | ng/ul  | 100      |
| 74) Anthracene                | 17.245 | 178  | 1009023  | 18.899 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.063 | 216  | 315582   | 19.531 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.604 | 250  | 309933   | 19.303 | ng/uL  | 99       |
| 77) Carbazole                 | 17.539 | 167  | 861286   | 19.734 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.116 | 149  | 1084244  | 18.006 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.251 | 202  | 1107092  | 20.139 | ng/ul  | 100      |
| 82) Pyrene                    | 19.628 | 202  | 1097984  | 19.628 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.575 | 149  | 426154   | 18.284 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.463 | 252  | 300891   | 17.884 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.539 | 228  | 968232   | 18.772 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.451 | 149  | 584419   | 17.424 | ng/ul  | 100      |
| 87) Chrysene                  | 21.604 | 228  | 892223   | 18.616 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.716 | 149  | 891585   | 14.552 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.827 | 252  | 981265   | 17.434 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.892 | 252  | 973144   | 17.325 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.716 | 252  | 967368   | 18.188 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.651 | 276  | 1418485  | 20.697 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 28.727 | 278  | 1173189  | 20.671 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 29.839 | 276  | 1193560m | 21.383 | ng/ul  |          |

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

