

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082823\  
 Data File : BP016811.D  
 Acq On : 29 Aug 2023 02:04  
 Operator : MA/JU  
 Sample : PB155072BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS072

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023  
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:16:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 29 01:12:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.028  | 152  | 454957   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.857 | 136  | 1994917  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.680 | 164  | 1236870  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.451 | 188  | 2689019  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.551 | 240  | 2102381  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.115 | 264  | 1826443  | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 85960    | 7.809  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.816  | 84   | 1058261  | 31.459 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.175  | 99   | 1378196  | 34.067 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.369  | 67   | 811720   | 31.482 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.551  | 132  | 1020309  | 33.544 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.740  | 113  | 1068869  | 32.366 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.228  | 128  | 517837   | 34.331 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.945  | 143  | 566651   | 35.640 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.469 | 165  | 1052324  | 35.503 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.016 | 131  | 1323898  | 29.125 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.098 | 166  | 3023067  | 32.410 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.380 | 160  | 3572166  | 33.877 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.892 | 143  | 580131   | 30.091 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.680 | 176  | 2632201  | 33.510 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 200  | 493644   | 30.826 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.551 | 188  | 4037430  | 33.873 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.786 | 212  | 4504967  | 39.015 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.945 | 264  | 3160549  | 34.546 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 148427   | 12.382 | ng/uL  | 96       |
| 5) Pyridine                   | 3.840  | 79   | 1045946  | 30.185 | ng/u1  | 97       |
| 6) Benzaldehyde               | 7.187  | 77   | 777644   | 35.150 | ng/u1  | 98       |
| 8) Phenol                     | 7.204  | 94   | 1438106  | 33.967 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.463  | 93   | 1120475  | 32.787 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.581  | 128  | 1076760  | 34.633 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.469  | 108  | 1072493  | 33.770 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.563  | 45   | 1547833m | 31.049 | ng/u1  |          |
| 16) Acetophenone              | 8.881  | 105  | 1712832  | 33.448 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.857  | 70   | 904022   | 33.499 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.804  | 108  | 1169819  | 33.826 | ng/u1  | 100      |
| 19) Hexachloroethane          | 9.098  | 117  | 425319   | 32.878 | ng/u1  | 99       |
| 22) Nitrobenzene              | 9.275  | 77   | 1323788  | 34.210 | ng/u1  | 98       |
| 23) Isophorone                | 9.787  | 82   | 2529241  | 33.653 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.975  | 139  | 630024   | 35.837 | ng/u1  | 99       |
| 26) 2,4-Dimethylphenol        | 10.010 | 107  | 1157347  | 32.754 | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.275 | 93   | 1544487  | 33.310 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.498 | 162  | 1067146  | 35.842 | ng/u1  | 99       |
| 30) Naphthalene               | 10.910 | 128  | 3507026  | 33.937 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 11.045 | 127  | 1348606  | 30.190 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.139 | 225  | 618019   | 33.697 | ng/u1  | 99       |
| 34) Caprolactam               | 11.875 | 113  | 374510m  | 34.108 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.139 | 107  | 1168011  | 34.983 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.510 | 142  | 2415607  | 33.865 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.733 | 142  | 2329988  | 32.393 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.863 | 216  | 1199606  | 34.029 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.810 | 237  | 633950   | 24.454 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.110 | 196  | 861852   | 36.610 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.181 | 196  | 937976   | 36.821 | ng/ul | 97       |
| 43) 1,1'-Biphenyl             | 13.516 | 154  | 3238095  | 35.211 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.563 | 162  | 2544830  | 35.054 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.798 | 65   | 788135   | 35.798 | ng/ul | 94       |
| 47) Dimethylphthalate         | 14.145 | 163  | 3212372  | 34.005 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.286 | 165  | 675047   | 36.468 | ng/ul | 97       |
| 50) Acenaphthylene            | 14.416 | 152  | 4002301  | 33.162 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.628 | 138  | 680532   | 35.306 | ng/ul | 95       |
| 52) Acenaphthene              | 14.751 | 153  | 2731564  | 34.211 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.822 | 184  | 342025   | 25.428 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.910 | 109  | 452404   | 31.071 | ng/ul | 97       |
| 56) Dibenzofuran              | 15.086 | 168  | 3778254  | 34.487 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 15.069 | 165  | 971899   | 35.671 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.298 | 232  | 773744   | 35.678 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.498 | 149  | 3220642  | 33.559 | ng/ul | 99       |
| 61) Fluorene                  | 15.739 | 166  | 3126520  | 34.119 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.727 | 204  | 1543570  | 34.308 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.798 | 138  | 661877   | 36.087 | ng/ul | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.822 | 198  | 524855   | 30.400 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.951 | 169  | 2637879  | 35.468 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.627 | 248  | 916271   | 35.541 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.710 | 284  | 1001925  | 34.710 | ng/ul | 98       |
| 70) Atrazine                  | 16.904 | 200  | 924898   | 32.986 | ng/ul | 99       |
| 71) Pentachlorophenol         | 17.074 | 266  | 626741   | 29.249 | ng/ul | 100      |
| 72) Phenanthrene              | 17.498 | 178  | 4932347  | 34.842 | ng/ul | 100      |
| 74) Anthracene                | 17.586 | 178  | 4925734  | 34.412 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.469 | 216  | 121461   | 3.373  | ng/ul | 99       |
| 76) Pentachlorobenzene        | 14.975 | 250  | 1207822  | 37.537 | ng/ul | 99       |
| 77) Carbazole                 | 17.869 | 167  | 4529676  | 35.137 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.380 | 149  | 5636774  | 35.047 | ng/ul | 99       |
| 80) Fluoranthene              | 19.457 | 202  | 5655674  | 40.775 | ng/ul | 99       |
| 82) Pyrene                    | 19.815 | 202  | 5751005  | 40.139 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.668 | 149  | 2545081  | 41.189 | ng/ul | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.468 | 252  | 1555359  | 34.612 | ng/ul | 98       |
| 85) Benzo(a)anthracene        | 21.533 | 228  | 5054094  | 34.901 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.404 | 149  | 3657014  | 40.533 | ng/ul | 100      |
| 87) Chrysene                  | 21.586 | 228  | 4654090  | 35.381 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.386 | 149  | 5813369  | 42.266 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.315 | 252  | 4188012  | 35.908 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.368 | 252  | 4201831  | 36.428 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.003 | 252  | 3616795  | 34.284 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.850 | 276  | 4213040  | 39.082 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.874 | 278  | 3489435  | 38.972 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 27.703 | 276  | 3371439  | 41.252 | ng/ul | 98       |

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

