

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041122\  
 Data File : BP009757.D  
 Acq On : 11 Apr 2022 18:12  
 Operator : CG/JU  
 Sample : PB144004BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS004

Quant Time: Apr 12 01:52:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 07 19:16:52 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022  
 Supervised By :Yogesh Patel 04/13/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 90905    | 20.000 | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.781 | 136  | 428408   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.604 | 164  | 311206   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.351 | 188  | 706301   | 20.000 | ng/u1  | #-0.01   |
| 79) Chrysene-d12              | 21.433 | 240  | 790944   | 20.000 | ng/u1  | #-0.01   |
| 88) Perylene-d12              | 23.904 | 264  | 844738   | 20.000 | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 12458m   | 6.116  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.805  | 84   | 167463   | 29.819 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.122  | 99   | 248998   | 31.199 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.293  | 67   | 155651   | 32.760 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.499  | 132  | 192896   | 32.042 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.675  | 113  | 216079   | 32.433 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.128  | 128  | 101956   | 33.002 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.857  | 143  | 111920   | 33.044 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.393 | 165  | 217825   | 30.733 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.910 | 131  | 274359   | 27.178 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.010 | 166  | 765718   | 31.323 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 14.292 | 160  | 855295   | 29.532 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.781 | 143  | 149962m  | 33.826 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.598 | 176  | 651120   | 31.662 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 200  | 137934   | 32.966 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.451 | 188  | 1061064  | 31.377 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.680 | 212  | 1327842  | 30.739 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.745 | 264  | 1418249  | 32.240 | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 23165    | 11.156 | ng/uL# | 7        |
| 5) Pyridine                   | 3.822  | 79   | 173366   | 29.587 | ng/u1# | 41       |
| 6) Benzaldehyde               | 7.099  | 77   | 167348   | 34.191 | ng/u1  | 94       |
| 8) Phenol                     | 7.152  | 94   | 257122   | 32.186 | ng/u1# | 88       |
| 10) Bis(2-Chloroethyl)ether   | 7.387  | 93   | 193822   | 31.147 | ng/u1# | 75       |
| 12) 2-Chlorophenol            | 7.534  | 128  | 192694   | 31.749 | ng/u1  | 93       |
| 13) 2-Methylphenol            | 8.410  | 108  | 197996   | 31.784 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.505  | 45   | 293213   | 31.877 | ng/u1# | 84       |
| 16) Acetophenone              | 8.793  | 105  | 330949   | 31.528 | ng/u1# | 81       |
| 17) N-Nitroso-di-n-propyla... | 8.781  | 70   | 177525   | 32.621 | ng/u1# | 72       |
| 18) 4-Methylphenol            | 8.734  | 108  | 217744   | 32.278 | ng/u1  | 89       |
| 19) Hexachloroethane          | 9.063  | 117  | 80483    | 31.408 | ng/u1  | 84       |
| 22) Nitrobenzene              | 9.169  | 77   | 258263   | 32.569 | ng/u1# | 85       |
| 23) Isophorone                | 9.704  | 82   | 502109   | 30.728 | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.887  | 139  | 117338   | 32.482 | ng/u1# | 87       |
| 26) 2,4-Dimethylphenol        | 9.946  | 107  | 261085   | 30.455 | ng/u1# | 81       |
| 27) Bis(2-Chloroethoxy)met... | 10.187 | 93   | 289141   | 30.139 | ng/u1# | 98       |
| 29) 2,4-Dichlorophenol        | 10.422 | 162  | 216194   | 31.464 | ng/u1# | 84       |
| 30) Naphthalene               | 10.828 | 128  | 667307   | 30.287 | ng/u1  | 96       |
| 32) 4-Chloroaniline           | 10.934 | 127  | 267769   | 26.805 | ng/u1  | 95       |
| 33) Hexachlorobutadiene       | 11.128 | 225  | 148359   | 29.979 | ng/u1  | 94       |
| 34) Caprolactam               | 11.698 | 113  | 82219m   | 36.182 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.051 | 107  | 268385   | 32.235 | ng/u1# | 70       |
| 36) 2-Methylnaphthalene       | 12.434 | 142  | 489753   | 30.426 | ng/u1  | 90       |

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 Sample : PB144004BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS004

Manual Integrations  
 APPROVED

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 07 19:16:52 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.651 | 142  | 498284   | 30.658 | ng/ul# | 94       |
| 39) 1,2,4,5-Tetrachloroben... | 12.804 | 216  | 292411   | 30.711 | ng/ul# | 95       |
| 40) Hexachlorocyclopentadiene | 12.793 | 237  | 175429   | 26.551 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 13.034 | 196  | 196186   | 32.265 | ng/ul# | 85       |
| 42) 2,4,5-Trichlorophenol     | 13.104 | 196  | 217397   | 33.084 | ng/ul# | 88       |
| 43) 1,1'-Biphenyl             | 13.440 | 154  | 694046   | 30.565 | ng/ul  | 92       |
| 44) 2-Chloronaphthalene       | 13.481 | 162  | 531995   | 30.480 | ng/ul  | 94       |
| 45) 2-Nitroaniline            | 13.675 | 65   | 188780   | 36.906 | ng/ul# | 80       |
| 47) Dimethylphthalate         | 14.057 | 163  | 739495   | 31.430 | ng/ul# | 93       |
| 48) 2,6-Dinitrotoluene        | 14.169 | 165  | 153677   | 35.510 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.322 | 152  | 888222   | 31.077 | ng/ul  | 97       |
| 51) 3-Nitroaniline            | 14.492 | 138  | 148714   | 33.054 | ng/ul# | 85       |
| 52) Acenaphthene              | 14.669 | 153  | 575800   | 30.770 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.698 | 184  | 87527    | 33.459 | ng/ul# | 82       |
| 55) 4-Nitrophenol             | 14.798 | 109  | 139425   | 34.164 | ng/ul# | 57       |
| 56) Dibenzofuran              | 14.998 | 168  | 858590   | 31.175 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.957 | 165  | 230783   | 36.316 | ng/ul# | 86       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.222 | 232  | 194815   | 32.516 | ng/ul# | 86       |
| 59) Diethylphthalate          | 15.422 | 149  | 776544   | 31.891 | ng/ul# | 92       |
| 61) Fluorene                  | 15.651 | 166  | 711302   | 31.355 | ng/ul  | 90       |
| 62) 4-Chlorophenyl-phenyle... | 15.645 | 204  | 376312   | 31.198 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.657 | 138  | 174690m  | 38.765 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.722 | 198  | 131671   | 31.659 | ng/ul# | 89       |
| 67) N-Nitrosodiphenylamine    | 15.857 | 169  | 628597   | 31.090 | ng/ul  | 94       |
| 68) 4-Bromophenyl-phenylether | 16.539 | 248  | 234912   | 30.726 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.663 | 284  | 275006   | 31.282 | ng/ul# | 92       |
| 70) Atrazine                  | 16.810 | 200  | 261190   | 31.297 | ng/ul  | 92       |
| 71) Pentachlorophenol         | 16.998 | 266  | 183630   | 30.859 | ng/ul# | 82       |
| 72) Phenanthrene              | 17.398 | 178  | 1202006  | 31.883 | ng/ul  | 99       |
| 74) Anthracene                | 17.486 | 178  | 1207757  | 31.597 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.404 | 216  | 310742   | 30.430 | ng/uL# | 85       |
| 76) Pentachlorobenzene        | 14.922 | 250  | 301527   | 30.294 | ng/uL  | 90       |
| 77) Carbazole                 | 17.751 | 167  | 1113473  | 32.234 | ng/ul# | 95       |
| 78) Di-n-butylphthalate       | 18.310 | 149  | 1376081  | 32.396 | ng/ul# | 92       |
| 80) Fluoranthene              | 19.357 | 202  | 1529792  | 30.767 | ng/ul# | 94       |
| 82) Pyrene                    | 19.710 | 202  | 1563141  | 31.007 | ng/ul# | 92       |
| 83) Butylbenzylphthalate      | 20.580 | 149  | 656366   | 31.738 | ng/ul# | 82       |
| 84) 3,3'-Dichlorobenzidine    | 21.345 | 252  | 537520   | 31.891 | ng/ul# | 97       |
| 85) Benzo(a)anthracene        | 21.416 | 228  | 1624805  | 32.404 | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 980849   | 31.531 | ng/ul# | 81       |
| 87) Chrysene                  | 21.474 | 228  | 1580980  | 32.680 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.298 | 149  | 1709026  | 28.876 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.151 | 252  | 1723244  | 30.704 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.204 | 252  | 1647901  | 32.177 | ng/ul# | 97       |
| 93) Benzo(a)pyrene            | 23.798 | 252  | 1683201  | 32.354 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.504 | 276  | 1944913  | 35.751 | ng/ul# | 94       |
| 95) Dibenzo(a,h)anthracene    | 26.521 | 278  | 1680949  | 35.634 | ng/ul# | 96       |
| 96) Benzo(g,h,i)perylene      | 27.286 | 276  | 1624929  | 36.225 | ng/ul# | 92       |

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

