

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090921\  
 Data File : BP006946.D  
 Acq On : 10 Sep 2021 18:02  
 Operator : CG/JU  
 Sample : PB138976BS  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS976

Manual Integrations  
 APPROVED

mohammad  
 9/13/2021 10:22:06 AM

Quant Time: Sep 10 23:35:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP090821.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Sep 09 11:07:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.934  | 152  | 307104   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.740 | 136  | 1274453  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.557 | 164  | 801607   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.310 | 188  | 1637230  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.392 | 240  | 1622976  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.821 | 264  | 1586314  | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.370  | 96   | 50606    | 6.558  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.781  | 84   | 673109   | 33.471 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.093  | 99   | 818564   | 36.265 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.263  | 67   | 469559   | 36.222 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.463  | 132  | 653918   | 35.887 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.640  | 113  | 640586   | 36.140 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.093  | 128  | 300595   | 38.940 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.816  | 143  | 302080   | 39.748 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.352 | 165  | 642750   | 35.867 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.869 | 131  | 812913   | 32.803 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.969 | 166  | 1805877  | 34.783 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.251 | 160  | 2287128  | 34.783 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.745 | 143  | 335935   | 37.245 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.551 | 176  | 1581697  | 34.519 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.669 | 200  | 263764   | 36.418 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.410 | 188  | 2421811  | 35.730 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.639 | 212  | 2775979  | 36.522 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.663 | 264  | 2635647  | 34.440 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.399  | 88   | 108067   | 12.584 | ng/uL  | 90       |
| 5) Pyridine                   | 3.805  | 79   | 688825   | 34.146 | ng/ul  | 89       |
| 6) Benzaldehyde               | 7.075  | 77   | 527641m  | 36.685 | ng/ul  |          |
| 8) Phenol                     | 7.122  | 94   | 877715   | 37.618 | ng/ul  | 90       |
| 10) Bis(2-Chloroethyl)ether   | 7.358  | 93   | 672679   | 36.011 | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.499  | 128  | 690307   | 36.926 | ng/ul  | 94       |
| 13) 2-Methylphenol            | 8.375  | 108  | 651406   | 36.763 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.469  | 45   | 815923   | 37.816 | ng/ul  | 97       |
| 16) Acetophenone              | 8.758  | 105  | 1005676  | 36.997 | ng/ul  | 91       |
| 17) N-Nitroso-di-n-propyla... | 8.746  | 70   | 478196   | 37.757 | ng/ul# | 97       |
| 18) 4-Methylphenol            | 8.705  | 108  | 704227   | 37.057 | ng/ul  | 100      |
| 19) Hexachloroethane          | 9.016  | 117  | 270910   | 35.587 | ng/ul  | 85       |
| 22) Nitrobenzene              | 9.134  | 77   | 721460   | 38.622 | ng/ul# | 89       |
| 23) Isophorone                | 9.663  | 82   | 1331837  | 35.898 | ng/ul  | 96       |
| 25) 2-Nitrophenol             | 9.846  | 139  | 349207   | 41.110 | ng/ul  | 87       |
| 26) 2,4-Dimethylphenol        | 9.905  | 107  | 730710   | 35.506 | ng/ul  | 92       |
| 27) Bis(2-Chloroethoxy)met... | 10.146 | 93   | 878073   | 35.754 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 646410   | 36.423 | ng/ul  | 94       |
| 30) Naphthalene               | 10.787 | 128  | 2129088  | 34.440 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.893 | 127  | 826752   | 32.755 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.075 | 225  | 398273   | 32.531 | ng/ul  | 96       |
| 34) Caprolactam               | 11.663 | 113  | 197106m  | 37.261 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.010 | 107  | 664337   | 36.907 | ng/ul  | 90       |
| 36) 2-Methylnaphthalene       | 12.393 | 142  | 1511298  | 36.463 | ng/ul  | 97       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.610 | 142  | 1442170  | 34.109 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.757 | 216  | 787382   | 34.303 | ng/ul# | 93       |
| 40) Hexachlorocyclopentadiene | 12.740 | 237  | 417455   | 28.179 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.993 | 196  | 498150   | 37.495 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.063 | 196  | 549903   | 37.129 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.398 | 154  | 1925878  | 34.506 | ng/ul# | 97       |
| 44) 2-Chloronaphthalene       | 13.440 | 162  | 1475339  | 34.285 | ng/ul  | 92       |
| 45) 2-Nitroaniline            | 13.640 | 65   | 374934   | 42.869 | ng/ul# | 78       |
| 47) Dimethylphthalate         | 14.016 | 163  | 1828604  | 34.922 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.134 | 165  | 351157   | 40.156 | ng/ul# | 78       |
| 50) Acenaphthylene            | 14.281 | 152  | 2216881  | 32.493 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.463 | 138  | 369089   | 36.819 | ng/ul  | 80       |
| 52) Acenaphthene              | 14.622 | 153  | 1584207  | 35.067 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.663 | 184  | 155357   | 31.624 | ng/ul# | 76       |
| 55) 4-Nitrophenol             | 14.763 | 109  | 251168   | 37.884 | ng/ul# | 83       |
| 56) Dibenzofuran              | 14.957 | 168  | 2238294  | 34.334 | ng/ul  | 87       |
| 57) 2,4-Dinitrotoluene        | 14.916 | 165  | 515852   | 41.278 | ng/ul# | 79       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.181 | 232  | 436424   | 36.570 | ng/ul# | 78       |
| 59) Diethylphthalate          | 15.381 | 149  | 1806733  | 35.438 | ng/ul  | 95       |
| 61) Fluorene                  | 15.610 | 166  | 1825795  | 35.139 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.604 | 204  | 909426   | 34.333 | ng/ul# | 80       |
| 63) 4-Nitroaniline            | 15.622 | 138  | 409837   | 40.950 | ng/ul  | 85       |
| 66) 4,6-Dinitro-2-methylph... | 15.681 | 198  | 278942   | 37.827 | ng/ul# | 75       |
| 67) N-Nitrosodiphenylamine    | 15.816 | 169  | 1567382  | 36.349 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.498 | 248  | 540866   | 34.943 | ng/ul# | 83       |
| 69) Hexachlorobenzene         | 16.610 | 284  | 613514   | 34.182 | ng/ul# | 88       |
| 70) Atrazine                  | 16.769 | 200  | 551906   | 33.798 | ng/ul  | 94       |
| 71) Pentachlorophenol         | 16.957 | 266  | 332690   | 32.361 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.351 | 178  | 2894867  | 35.494 | ng/ul  | 99       |
| 74) Anthracene                | 17.439 | 178  | 2922601  | 36.052 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.363 | 216  | 805508   | 35.103 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.881 | 250  | 731217   | 32.919 | ng/ul  | 100      |
| 77) Carbazole                 | 17.710 | 167  | 2645239  | 36.715 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.263 | 149  | 2982530  | 36.525 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.316 | 202  | 3392924  | 35.891 | ng/ul# | 93       |
| 82) Pyrene                    | 19.669 | 202  | 3517323  | 36.274 | ng/ul# | 92       |
| 83) Butylbenzylphthalate      | 20.539 | 149  | 1285025  | 38.059 | ng/ul# | 88       |
| 84) 3,3'-Dichlorobenzidine    | 21.304 | 252  | 1090598  | 32.384 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.375 | 228  | 3341061  | 35.357 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 1955581  | 38.851 | ng/ul# | 94       |
| 87) Chrysene                  | 21.427 | 228  | 3274122  | 35.014 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.233 | 149  | 3311378  | 40.390 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.080 | 252  | 3474619  | 37.434 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.127 | 252  | 3306379  | 38.055 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.716 | 252  | 3073158  | 34.411 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.374 | 276  | 3834042  | 37.008 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.392 | 278  | 3242830  | 36.178 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.157 | 276  | 3171667  | 35.696 | ng/ul  | 95       |

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

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