

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101421\  
 Data File : BP007410.D  
 Acq On : 14 Oct 2021 10:48  
 Operator : CG/JU  
 Sample : SST02024  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST020624

Quant Time: Oct 14 11:25:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP101421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 14 11:25:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 211958   | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.775 | 136  | 853401   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.604 | 164  | 541157   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 1129444  | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.445 | 240  | 1105295  | 20.00 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.898 | 264  | 1159105  | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 42915    | 8.06  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.799  | 84   | 309575   | 22.30 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.117  | 99   | 353001   | 22.66 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.293  | 67   | 213962   | 23.91 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.493  | 132  | 280716   | 22.32 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.669  | 113  | 274754   | 22.46 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.122  | 128  | 118464   | 22.92 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.852  | 143  | 108125   | 21.25 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.387 | 165  | 273409   | 22.78 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.899 | 131  | 378930   | 22.83 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.016 | 166  | 821657   | 23.44 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.293 | 160  | 1031675  | 23.24 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.781 | 143  | 124919   | 20.52 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.598 | 176  | 685416   | 22.16 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 200  | 84299    | 16.87 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.457 | 188  | 1060358  | 22.68 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.686 | 212  | 1219598  | 23.56 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.739 | 264  | 1268176  | 22.68 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.423  | 88   | 48039    | 8.11  | ng/uL  | 100      |
| 5) Pyridine                   | 3.817  | 79   | 311835   | 22.40 | ng/ul  | 100      |
| 6) Benzaldehyde               | 7.093  | 77   | 238237   | 24.00 | ng/ul  | 100      |
| 8) Phenol                     | 7.146  | 94   | 366134   | 22.74 | ng/ul  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.387  | 93   | 298632   | 23.16 | ng/ul  | 100      |
| 12) 2-Chlorophenol            | 7.528  | 128  | 286960   | 22.24 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.405  | 108  | 277068   | 22.66 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.505  | 45   | 381195   | 25.60 | ng/ul  | 100      |
| 16) Acetophenone              | 8.787  | 105  | 442216   | 23.57 | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.775  | 70   | 225560   | 25.80 | ng/ul  | 100      |
| 18) 4-Methylphenol            | 8.728  | 108  | 298854   | 22.78 | ng/ul  | 100      |
| 19) Hexachloroethane          | 9.058  | 117  | 120402   | 22.92 | ng/ul  | 100      |
| 22) Nitrobenzene              | 9.163  | 77   | 310689   | 24.84 | ng/ul  | 100      |
| 23) Isophorone                | 9.693  | 82   | 648929   | 26.12 | ng/ul  | 100      |
| 25) 2-Nitrophenol             | 9.881  | 139  | 132460   | 23.29 | ng/ul  | 100      |
| 26) 2,4-Dimethylphenol        | 9.940  | 107  | 333098   | 24.17 | ng/ul  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.181 | 93   | 397407   | 24.17 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.416 | 162  | 271361   | 22.83 | ng/ul  | 100      |
| 30) Naphthalene               | 10.822 | 128  | 907568   | 21.92 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.928 | 127  | 383687   | 22.70 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.128 | 225  | 183250   | 22.35 | ng/ul  | 100      |
| 34) Caprolactam               | 11.675 | 113  | 64802    | 18.29 | ng/ul  | 100      |
| 35) 4-Chloro-3-methylphenol   | 12.046 | 107  | 293872   | 24.38 | ng/ul  | 100      |
| 36) 2-Methylnaphthalene       | 12.434 | 142  | 624382   | 22.50 | ng/ul  | 100      |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.652 | 142  | 634286   | 22.40 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.799 | 216  | 341072   | 22.01 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.793 | 237  | 209733   | 20.97 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.034 | 196  | 202235   | 22.55 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.104 | 196  | 212540   | 21.26 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.440 | 154  | 838921   | 22.26 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.481 | 162  | 640606   | 22.05 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.669 | 65   | 151409   | 25.64 | ng/ul | 100      |
| 47) Dimethylphthalate         | 14.063 | 163  | 820696   | 23.22 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.169 | 165  | 137466   | 23.29 | ng/ul | 100      |
| 50) Acenaphthylene            | 14.322 | 152  | 1044625  | 22.68 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.493 | 138  | 150500   | 22.24 | ng/ul | 100      |
| 52) Acenaphthene              | 14.669 | 153  | 667346   | 21.88 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.698 | 184  | 47606    | 14.35 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.793 | 109  | 113581   | 25.38 | ng/ul | 100      |
| 56) Dibenzofuran              | 15.004 | 168  | 974014   | 22.13 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.957 | 165  | 192685   | 22.84 | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.228 | 232  | 175477   | 21.78 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.428 | 149  | 807584   | 23.46 | ng/ul | 100      |
| 61) Fluorene                  | 15.651 | 166  | 747130   | 21.30 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.651 | 204  | 376427   | 21.05 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.657 | 138  | 145500   | 21.53 | ng/ul | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.722 | 198  | 91756    | 18.04 | ng/ul | 100      |
| 67) N-Nitrosodiphenylamine    | 15.863 | 169  | 677139   | 22.76 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.545 | 248  | 219068   | 20.52 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.663 | 284  | 268692   | 21.70 | ng/ul | 100      |
| 70) Atrazine                  | 16.816 | 200  | 259589   | 23.04 | ng/ul | 100      |
| 71) Pentachlorophenol         | 17.004 | 266  | 138205   | 19.49 | ng/ul | 100      |
| 72) Phenanthrene              | 17.398 | 178  | 1242929  | 22.09 | ng/ul | 100      |
| 74) Anthracene                | 17.492 | 178  | 1250556  | 22.36 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.404 | 216  | 360812   | 22.79 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.922 | 250  | 336775   | 21.98 | ng/uL | 100      |
| 77) Carbazole                 | 17.751 | 167  | 1152818  | 23.19 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.322 | 149  | 1372576  | 24.37 | ng/ul | 100      |
| 80) Fluoranthene              | 19.363 | 202  | 1511349  | 23.47 | ng/ul | 100      |
| 82) Pyrene                    | 19.716 | 202  | 1518753  | 23.00 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.598 | 149  | 567530   | 24.68 | ng/ul | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.351 | 252  | 489122   | 21.33 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.428 | 228  | 1488881  | 23.14 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.369 | 149  | 879192   | 25.65 | ng/ul | 100      |
| 87) Chrysene                  | 21.480 | 228  | 1447224  | 22.73 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.316 | 149  | 1465379  | 24.46 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.151 | 252  | 1550210  | 22.86 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.198 | 252  | 1430549  | 22.53 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.792 | 252  | 1491133  | 22.85 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.474 | 276  | 1703007  | 22.50 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 26.492 | 278  | 1457644  | 22.26 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 27.257 | 276  | 1461476  | 22.51 | ng/ul | 100      |

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

