

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072421\  
 Data File : BP006316.D  
 Acq On : 24 Jul 2021 21:20  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020656

Manual Integrations  
 APPROVED

mohammad  
 7/26/2021 1:29:56 PM

Quant Time: Jul 26 01:11:42 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 24 04:29:12 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 278190   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.575 | 136  | 1188866  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.416 | 164  | 678682   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 1304689  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.263 | 240  | 1237073  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.610 | 264  | 1229970  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.305  | 96   | 60511    | 8.119  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.711  | 84   | 439610   | 19.870 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 502271   | 19.224 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 321560   | 19.780 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.322  | 132  | 395100   | 20.355 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.499  | 113  | 393959   | 19.174 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.946  | 128  | 183600   | 20.740 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.663  | 143  | 175813   | 20.800 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.193 | 165  | 340372   | 20.550 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.716 | 131  | 530839   | 19.467 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.839 | 166  | 985242   | 20.397 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 1236732  | 20.840 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.616 | 143  | 186602   | 19.456 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.410 | 176  | 828055   | 20.392 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.528 | 200  | 134316   | 18.467 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.269 | 188  | 1220028  | 20.715 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.504 | 212  | 1301486  | 20.454 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.457 | 264  | 1285438  | 20.566 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.340  | 88   | 65716    | 8.352  | ng/uL  | 99       |
| 5) Pyridine                   | 3.728  | 79   | 459573   | 19.918 | ng/ul  | 98       |
| 6) Benzaldehyde               | 6.940  | 77   | 339288   | 23.801 | ng/ul  | 98       |
| 8) Phenol                     | 6.987  | 94   | 519733   | 19.461 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.228  | 93   | 409949   | 19.515 | ng/ul  | 100      |
| 12) 2-Chlorophenol            | 7.357  | 128  | 397874   | 20.218 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.234  | 108  | 372749   | 19.126 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 465511   | 19.835 | ng/ul  | 99       |
| 16) Acetophenone              | 8.610  | 105  | 609773   | 19.299 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.604  | 70   | 324521   | 19.633 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 8.563  | 108  | 407855   | 19.489 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.863  | 117  | 163559   | 20.318 | ng/ul  | 99       |
| 22) Nitrobenzene              | 8.987  | 77   | 477942   | 20.809 | ng/ul  | 97       |
| 23) Isophorone                | 9.516  | 82   | 844321   | 20.564 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.693  | 139  | 195362   | 20.960 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 9.757  | 107  | 454525   | 20.562 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.998  | 93   | 534362   | 20.266 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.222 | 162  | 334057   | 20.557 | ng/ul  | 99       |
| 30) Naphthalene               | 10.628 | 128  | 1244311  | 20.173 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.740 | 127  | 527405   | 19.634 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.910 | 225  | 196842   | 19.856 | ng/ul  | 97       |
| 34) Caprolactam               | 11.516 | 113  | 109340m  | 19.486 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.863 | 107  | 399821   | 20.610 | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.234 | 142  | 851338   | 20.143 | ng/ul  | 98       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.457 | 142  | 848841   | 19.953 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.604 | 216  | 367351   | 20.085 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.587 | 237  | 222943   | 18.738 | ng/ul | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.845 | 196  | 236091   | 20.832 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.910 | 196  | 257727   | 20.784 | ng/ul | 97       |
| 43) 1,1'-Biphenyl             | 13.251 | 154  | 1038080  | 20.404 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.287 | 162  | 789508   | 20.554 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.498 | 65   | 241836   | 21.313 | ng/ul | 98       |
| 47) Dimethylphthalate         | 13.887 | 163  | 970302   | 20.465 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 13.998 | 165  | 181443   | 20.933 | ng/ul | 96       |
| 50) Acenaphthylene            | 14.139 | 152  | 1196644  | 20.706 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.322 | 138  | 212084   | 20.882 | ng/ul | 97       |
| 52) Acenaphthene              | 14.481 | 153  | 867358   | 20.456 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.528 | 184  | 90779    | 17.658 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.628 | 109  | 157246   | 20.270 | ng/ul | 95       |
| 56) Dibenzofuran              | 14.816 | 168  | 1165505  | 20.496 | ng/ul | 98       |
| 57) 2,4-Dinitrotoluene        | 14.781 | 165  | 262419   | 21.185 | ng/ul | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.039 | 232  | 201293   | 20.816 | ng/ul | 97       |
| 59) Diethylphthalate          | 15.251 | 149  | 1005593  | 20.477 | ng/ul | 99       |
| 61) Fluorene                  | 15.469 | 166  | 951778   | 20.348 | ng/ul | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.469 | 204  | 436534   | 20.018 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.486 | 138  | 214593   | 21.513 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 136210   | 19.157 | ng/ul | 97       |
| 67) N-Nitrosodiphenylamine    | 15.681 | 169  | 805301   | 20.777 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.363 | 248  | 238117   | 22.789 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.463 | 284  | 281104   | 20.061 | ng/ul | 97       |
| 70) Atrazine                  | 16.639 | 200  | 270839   | 20.192 | ng/ul | 97       |
| 71) Pentachlorophenol         | 16.810 | 266  | 165437   | 18.780 | ng/ul | 97       |
| 72) Phenanthrene              | 17.210 | 178  | 1443957  | 20.611 | ng/ul | 100      |
| 74) Anthracene                | 17.298 | 178  | 1462807  | 20.592 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.210 | 216  | 365574   | 20.442 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.734 | 250  | 355348   | 20.382 | ng/uL | 99       |
| 77) Carbazole                 | 17.575 | 167  | 1343915  | 20.682 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.145 | 149  | 1634760  | 21.049 | ng/ul | 100      |
| 80) Fluoranthene              | 19.180 | 202  | 1597261  | 20.372 | ng/ul | 99       |
| 82) Pyrene                    | 19.533 | 202  | 1655879  | 20.353 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.427 | 149  | 695077   | 20.822 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.186 | 252  | 520678   | 19.103 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.251 | 228  | 1560782  | 20.361 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 1087863  | 20.814 | ng/ul | 99       |
| 87) Chrysene                  | 21.298 | 228  | 1503457  | 20.462 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.104 | 149  | 1780800  | 20.776 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.898 | 252  | 1623270  | 20.778 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 22.945 | 252  | 1502848  | 20.268 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.504 | 252  | 1419659  | 20.789 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.039 | 276  | 1772712  | 20.280 | ng/ul | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.062 | 278  | 1509695  | 20.391 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 26.780 | 276  | 1472613  | 20.390 | ng/ul | 98       |

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

