

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012621\  
 Data File : BP004632.D  
 Acq On : 26 Jan 2021 14:12  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020012

Manual Integrations  
 APPROVED

mohammad  
 1/27/2021 1:16:00 PM

Quant Time: Jan 26 14:45:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP012221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 26 10:01:06 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.798  | 152  | 40411    | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.598 | 136  | 149749   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.445 | 164  | 126307   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 315363   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.286 | 240  | 341163   | 20.00 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.609 | 264  | 328563   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 6706     | 8.03  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 46300    | 20.53 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 65251    | 20.69 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 39322    | 22.60 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.328  | 132  | 47482    | 19.69 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.504  | 113  | 52308    | 20.16 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.957  | 128  | 22647    | 19.13 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.675  | 143  | 28270    | 18.30 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.210 | 165  | 66028    | 20.04 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.734 | 131  | 74314    | 21.13 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.863 | 166  | 216492   | 20.16 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.139 | 160  | 247900   | 20.22 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.639 | 143  | 31273    | 19.06 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.445 | 176  | 197909   | 20.85 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 200  | 43139    | 18.87 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.298 | 188  | 325492m  | 20.53 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.539 | 212  | 395246   | 20.43 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.456 | 264  | 393656   | 21.51 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 7535     | 8.64  | ng/uL# | 85       |
| 5) Pyridine                   | 3.705  | 79   | 48517    | 21.32 | ng/ul  | 92       |
| 6) Benzaldehyde               | 6.940  | 77   | 32727    | 21.88 | ng/ul  | 93       |
| 8) Phenol                     | 6.987  | 94   | 67404    | 21.03 | ng/ul  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.222  | 93   | 52374    | 21.53 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.363  | 128  | 48648    | 20.29 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.240  | 108  | 49941    | 19.79 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 53395    | 21.75 | ng/ul  | 99       |
| 16) Acetophenone              | 8.622  | 105  | 86980    | 20.38 | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.610  | 70   | 48238    | 21.29 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 8.563  | 108  | 54360    | 19.97 | ng/ul  | 96       |
| 19) Hexachloroethane          | 8.881  | 117  | 23575    | 19.14 | ng/ul  | 98       |
| 22) Nitrobenzene              | 8.998  | 77   | 75992    | 21.35 | ng/ul  | 99       |
| 23) Isophorone                | 9.528  | 82   | 132098   | 20.37 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.710  | 139  | 29958    | 19.73 | ng/ul  | 96       |
| 26) 2,4-Dimethylphenol        | 9.769  | 107  | 69226    | 20.50 | ng/ul  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.010 | 93   | 72443    | 21.88 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.240 | 162  | 61738    | 19.85 | ng/ul  | 94       |
| 30) Naphthalene               | 10.645 | 128  | 169436   | 20.51 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.757 | 127  | 73033    | 21.23 | ng/ul  | 97       |
| 33) Hexachlorobutadiene       | 10.934 | 225  | 57202    | 20.88 | ng/ul  | 96       |
| 34) Caprolactam               | 11.522 | 113  | 17090m   | 19.99 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.881 | 107  | 62507    | 20.44 | ng/ul  | 97       |
| 36) 2-Methylnaphthalene       | 12.263 | 142  | 137796   | 20.88 | ng/ul  | 94       |

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 SSTD020012

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Quant Time: Jan 26 14:45:02 2021  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.481 | 142  | 131024   | 20.72 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.628 | 216  | 104758   | 20.74 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.610 | 237  | 71223    | 18.36 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.869 | 196  | 61685    | 19.76 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.939 | 196  | 66374    | 20.30 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.281 | 154  | 202127   | 20.52 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.316 | 162  | 164978   | 20.21 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.522 | 65   | 43929    | 19.60 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 13.910 | 163  | 221220   | 20.58 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.022 | 165  | 43274    | 19.78 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.169 | 152  | 232442   | 20.01 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.345 | 138  | 21628    | 14.93 | ng/ul  | 97       |
| 52) Acenaphthene              | 14.510 | 153  | 168541   | 20.30 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.551 | 184  | 28080    | 18.93 | ng/ul  | 95       |
| 55) 4-Nitrophenol             | 14.651 | 109  | 40671    | 19.89 | ng/ul  | 91       |
| 56) Dibenzofuran              | 14.845 | 168  | 261834   | 20.84 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.804 | 165  | 61678    | 20.08 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.069 | 232  | 67672    | 20.74 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.280 | 149  | 211634   | 20.25 | ng/ul  | 98       |
| 61) Fluorene                  | 15.498 | 166  | 219996   | 20.80 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.498 | 204  | 133192   | 21.37 | ng/ul  | 100      |
| 63) 4-Nitroaniline            | 15.510 | 138  | 21868    | 15.36 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.569 | 198  | 44323    | 18.48 | ng/ul# | 99       |
| 67) N-Nitrosodiphenylamine    | 15.710 | 169  | 186012   | 19.64 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.398 | 248  | 88314    | 20.02 | ng/ul  | 94       |
| 69) Hexachlorobenzene         | 16.504 | 284  | 99494    | 20.15 | ng/ul  | 96       |
| 70) Atrazine                  | 16.669 | 200  | 86680    | 19.87 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.845 | 266  | 58541    | 18.45 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.245 | 178  | 372529   | 20.43 | ng/ul  | 99       |
| 74) Anthracene                | 17.333 | 178  | 382650   | 20.50 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.239 | 216  | 104650   | 20.19 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.763 | 250  | 113207   | 19.93 | ng/uL  | 98       |
| 77) Carbazole                 | 17.604 | 167  | 309782   | 20.06 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.168 | 149  | 357110   | 19.38 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.215 | 202  | 492298   | 19.97 | ng/ul  | 99       |
| 82) Pyrene                    | 19.563 | 202  | 495728   | 19.94 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.445 | 149  | 155794   | 19.07 | ng/ul  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.204 | 252  | 165232   | 19.37 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.268 | 228  | 483660   | 20.78 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.209 | 149  | 227333   | 19.36 | ng/ul  | 98       |
| 87) Chrysene                  | 21.321 | 228  | 470109   | 21.24 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.109 | 149  | 368066   | 19.90 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.904 | 252  | 488777   | 22.13 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 22.951 | 252  | 464336   | 21.40 | ng/ul  | 100      |
| 93) Benzo(a)pyrene            | 23.509 | 252  | 431049   | 21.50 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.997 | 276  | 538080   | 20.67 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.015 | 278  | 455885   | 20.54 | ng/ul# | 98       |
| 96) Benzo(g,h,i)perylene      | 26.733 | 276  | 445708   | 20.69 | ng/ul  | 98       |

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

