

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012821\  
 Data File : BP004660.D  
 Acq On : 28 Jan 2021 16:35  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020010

Manual Integrations  
 APPROVED

mohammad  
 1/29/2021 10:34:50 AM

Quant Time: Jan 28 17:14:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP012221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 28 13:35:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 47751    | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.587 | 136  | 171955   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.440 | 164  | 139914   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 342065   | 20.00 | ng/ul  | 0.01     |
| 79) Chrysene-d12              | 21.280 | 240  | 378590   | 20.00 | ng/ul  | 0.01     |
| 88) Perylene-d12              | 23.598 | 264  | 352106   | 20.00 | ng/ul  | 0.01     |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.270  | 96   | 7877     | 7.99  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 59144    | 22.20 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.958  | 99   | 80245    | 21.54 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 49203    | 23.93 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.328  | 132  | 56052    | 19.67 | ng/ul  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.499  | 113  | 62154    | 20.28 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 27321    | 20.10 | ng/ul  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 34281    | 19.32 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.204 | 165  | 77720    | 20.54 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 82296    | 20.38 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 245838   | 20.67 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.134 | 160  | 276290   | 20.34 | ng/ul  | 0.01     |
| 54) 4-Nitrophenol-d4          | 14.634 | 143  | 34950    | 19.23 | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.439 | 176  | 219327   | 20.86 | ng/ul  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 200  | 45057    | 18.17 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.292 | 188  | 357509   | 20.79 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.533 | 212  | 426954   | 19.89 | ng/ul  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 23.451 | 264  | 423321   | 21.59 | ng/ul  | 0.01     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 8728     | 8.47  | ng/uL# | 89       |
| 5) Pyridine                   | 3.705  | 79   | 60958    | 22.67 | ng/ul# | 90       |
| 6) Benzaldehyde               | 6.934  | 77   | 40481    | 22.90 | ng/ul  | 98       |
| 8) Phenol                     | 6.981  | 94   | 83025    | 21.93 | ng/ul  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.222  | 93   | 63701    | 22.16 | ng/ul  | 95       |
| 12) 2-Chlorophenol            | 7.358  | 128  | 57583    | 20.33 | ng/ul  | 93       |
| 13) 2-Methylphenol            | 8.234  | 108  | 60140    | 20.17 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 67527    | 23.28 | ng/ul  | 95       |
| 16) Acetophenone              | 8.616  | 105  | 104401   | 20.70 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.599  | 70   | 58836    | 21.97 | ng/ul  | 96       |
| 18) 4-Methylphenol            | 8.563  | 108  | 66899    | 20.80 | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.875  | 117  | 28798    | 19.79 | ng/ul  | 95       |
| 22) Nitrobenzene              | 8.993  | 77   | 95423    | 23.35 | ng/ul  | 93       |
| 23) Isophorone                | 9.516  | 82   | 160875   | 21.60 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 9.704  | 139  | 35377    | 20.29 | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 9.763  | 107  | 81090    | 20.91 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.004 | 93   | 85061    | 22.37 | ng/ul  | 97       |
| 29) 2,4-Dichlorophenol        | 10.234 | 162  | 74289    | 20.80 | ng/ul  | 95       |
| 30) Naphthalene               | 10.640 | 128  | 194635   | 20.51 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.746 | 127  | 81369    | 20.60 | ng/ul  | 97       |
| 33) Hexachlorobutadiene       | 10.928 | 225  | 68309    | 21.71 | ng/ul  | 99       |
| 34) Caprolactam               | 11.504 | 113  | 18899m   | 19.25 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.875 | 107  | 74827    | 21.31 | ng/ul  | 91       |
| 36) 2-Methylnaphthalene       | 12.257 | 142  | 156577   | 20.66 | ng/ul  | 100      |

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|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.475 | 142  | 148756   | 20.48 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 121040   | 21.63 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.604 | 237  | 79048    | 18.39 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.863 | 196  | 72325    | 20.92 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.934 | 196  | 77454    | 21.39 | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.275 | 154  | 228138   | 20.91 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.310 | 162  | 189786   | 20.99 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.516 | 65   | 55087    | 22.19 | ng/ul  | 90       |
| 47) Dimethylphthalate         | 13.898 | 163  | 242805   | 20.40 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.016 | 165  | 47321    | 19.52 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.163 | 152  | 264917   | 20.59 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.345 | 138  | 25921    | 16.16 | ng/ul# | 97       |
| 52) Acenaphthene              | 14.504 | 153  | 189342   | 20.59 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.545 | 184  | 29388    | 17.88 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.645 | 109  | 47107    | 20.80 | ng/ul  | 88       |
| 56) Dibenzofuran              | 14.839 | 168  | 289339   | 20.79 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.804 | 165  | 69193    | 20.34 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 75747    | 20.95 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.275 | 149  | 232360   | 20.07 | ng/ul  | 98       |
| 61) Fluorene                  | 15.492 | 166  | 242989   | 20.74 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.492 | 204  | 150549   | 21.81 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.504 | 138  | 25948    | 16.45 | ng/ul  | 95       |
| 66) 4,6-Dinitro-2-methylph... | 15.563 | 198  | 48574    | 18.67 | ng/ul# | 91       |
| 67) N-Nitrosodiphenylamine    | 15.704 | 169  | 203465   | 19.81 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.386 | 248  | 96560    | 20.18 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.498 | 284  | 108520   | 20.26 | ng/ul  | 97       |
| 70) Atrazine                  | 16.663 | 200  | 91980    | 19.44 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.839 | 266  | 65843    | 19.14 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.239 | 178  | 407029   | 20.58 | ng/ul  | 99       |
| 74) Anthracene                | 17.328 | 178  | 416894   | 20.59 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.234 | 216  | 122602   | 21.80 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 127877   | 20.76 | ng/uL  | 96       |
| 77) Carbazole                 | 17.598 | 167  | 335695   | 20.04 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.163 | 149  | 384886   | 19.26 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.210 | 202  | 524535   | 19.17 | ng/ul  | 100      |
| 82) Pyrene                    | 19.557 | 202  | 536887   | 19.46 | ng/ul# | 97       |
| 83) Butylbenzylphthalate      | 20.439 | 149  | 165456   | 18.25 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.198 | 252  | 160167   | 16.92 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.263 | 228  | 523767   | 20.28 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.198 | 149  | 241780   | 18.56 | ng/ul  | 99       |
| 87) Chrysene                  | 21.316 | 228  | 505804   | 20.59 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.098 | 149  | 386058   | 19.47 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.892 | 252  | 521512   | 22.03 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 22.939 | 252  | 515774   | 22.18 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.498 | 252  | 471860   | 21.96 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.986 | 276  | 576027   | 20.64 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.004 | 278  | 487698   | 20.51 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.709 | 276  | 471872   | 20.44 | ng/ul  | 97       |

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

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