

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\  
 Data File : BM030112.D  
 Acq On : 21 May 2021 11:15  
 Operator : CG/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD020051

Manual Integrations  
 APPROVED

mohammad  
 5/21/2021 3:39:01 PM

Quant Time: May 21 11:52:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM050721.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 20 12:00:20 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 144807   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.28 | 136  | 648131   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.16 | 164  | 429024   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 16.91 | 188  | 830715   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.10 | 240  | 685922   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.24 | 264  | 604214   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 29019  | 8.00  | ng/uL | 0.00  |
| 4) Pyridine-d5                 | 3.45  | 84  | 154658 | 17.04 | ng/ul | 0.00  |
| 7) Phenol-d5                   | 6.70  | 99  | 233466 | 17.34 | ng/ul | 0.00  |
| 9) Bis-(2-Chloroethyl)ether-d  | 6.86  | 67  | 154740 | 18.53 | ng/ul | 0.00  |
| 11) 2-Chlorophenol-d4          | 7.05  | 132 | 195436 | 18.80 | ng/ul | 0.00  |
| 15) 4-Methylphenol-d8          | 8.23  | 113 | 190206 | 17.08 | ng/ul | 0.00  |
| 21) Nitrobenzene-d5            | 8.67  | 128 | 89540  | 20.05 | ng/ul | 0.00  |
| 24) 2-Nitrophenol-d4           | 9.38  | 143 | 102898 | 20.41 | ng/ul | 0.00  |
| 28) 2,4-Dichlorophenol-d3      | 9.92  | 165 | 189165 | 18.71 | ng/ul | 0.00  |
| 31) 4-Chloroaniline-d4         | 10.43 | 131 | 260688 | 16.95 | ng/ul | 0.00  |
| 46) Dimethylphthalate-d6       | 13.58 | 166 | 591489 | 17.79 | ng/ul | 0.00  |
| 49) Acenaphthylene-d8          | 13.85 | 160 | 766448 | 18.19 | ng/ul | 0.00  |
| 54) 4-Nitrophenol-d4           | 14.40 | 143 | 72571  | 13.40 | ng/ul | 0.00  |
| 60) Fluorene-d10               | 15.16 | 176 | 504701 | 17.88 | ng/ul | 0.00  |
| 65) 4,6-Dinitro-2-methylphenol | 15.30 | 200 | 93832  | 17.39 | ng/ul | 0.00  |
| 73) Anthracene-d10             | 17.01 | 188 | 760255 | 18.17 | ng/ul | 0.00  |
| 81) Pyrene-d10                 | 19.31 | 212 | 757533 | 21.53 | ng/ul | 0.00  |
| 92) Benzo(a)pyrene-d12         | 23.10 | 264 | 639093 | 18.66 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |        |        | Ovalue   |
|--------------------------------|-------|-----|--------|--------|----------|
| 2) 1,4-Dioxane                 | 3.06  | 88  | 29443  | 7.503  | ng/uL 98 |
| 5) Pyridine                    | 3.47  | 79  | 157582 | 16.923 | ng/ul 97 |
| 6) Benzaldehyde                | 6.67  | 77  | 135900 | 19.550 | ng/ul 98 |
| 8) Phenol                      | 6.73  | 94  | 242657 | 17.650 | ng/ul 95 |
| 10) Bis(2-Chloroethyl)ether    | 6.95  | 93  | 186996 | 17.201 | ng/ul 97 |
| 12) 2-Chlorophenol             | 7.08  | 128 | 200186 | 18.886 | ng/ul 98 |
| 13) 2-Methylphenol             | 7.96  | 108 | 181663 | 17.439 | ng/ul 99 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.05  | 45  | 334531 | 20.429 | ng/ul 97 |
| 16) Acetophenone               | 8.34  | 105 | 302440 | 16.922 | ng/ul 97 |
| 17) N-Nitroso-di-n-propylamine | 8.32  | 70  | 178998 | 19.575 | ng/ul 96 |
| 18) 4-Methylphenol             | 8.29  | 108 | 195706 | 16.947 | ng/ul 97 |
| 19) Hexachloroethane           | 8.56  | 117 | 87281  | 19.490 | ng/ul 94 |
| 22) Nitrobenzene               | 8.71  | 77  | 234424 | 20.142 | ng/ul 98 |
| 23) Isophorone                 | 9.23  | 82  | 457604 | 18.589 | ng/ul 98 |
| 25) 2-Nitrophenol              | 9.41  | 139 | 109249 | 19.961 | ng/ul 97 |
| 26) 2,4-Dimethylphenol         | 9.48  | 107 | 235532 | 19.072 | ng/ul 96 |
| 27) Bis(2-Chloroethoxy)methane | 9.72  | 93  | 272488 | 18.899 | ng/ul 98 |
| 29) 2,4-Dichlorophenol         | 9.95  | 162 | 184595 | 18.595 | ng/ul 98 |
| 30) Naphthalene                | 10.33 | 128 | 662935 | 18.428 | ng/ul 99 |
| 32) 4-Chloroaniline            | 10.46 | 127 | 255674 | 16.133 | ng/ul 98 |
| 33) Hexachlorobutadiene        | 10.61 | 225 | 125627 | 18.874 | ng/ul 97 |
| 34) Caprolactam                | 11.25 | 113 | 51784m | 14.698 | ng/ul    |

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 Data File : BM030112.D  
 Acq On : 21 May 2021 11:15  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 20 12:00:20 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 4-Chloro-3-methylphenol    | 11.59 | 107  | 204240   | 18.591 | ng/ul  | 99       |
| 36) 2-Methylnaphthalene        | 11.95 | 142  | 475348   | 18.215 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene        | 12.17 | 142  | 469668   | 18.160 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.33 | 216  | 240299   | 18.126 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene  | 12.30 | 237  | 114176   | 16.580 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol      | 12.59 | 196  | 150188   | 18.577 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol      | 12.66 | 196  | 152717   | 17.849 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl              | 12.99 | 154  | 613014   | 18.381 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene        | 13.03 | 162  | 469577   | 18.347 | ng/ul  | 99       |
| 45) 2-Nitroaniline             | 13.25 | 65   | 131822   | 20.377 | ng/ul  | 97       |
| 47) Dimethylphthalate          | 13.63 | 163  | 598880   | 17.985 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene         | 13.76 | 165  | 115776   | 19.369 | ng/ul  | 98       |
| 50) Acenaphthylene             | 13.88 | 152  | 734360   | 18.018 | ng/ul  | 99       |
| 51) 3-Nitroaniline             | 14.09 | 138  | 109752   | 16.344 | ng/ul  | 95       |
| 52) Acenaphthene               | 14.23 | 153  | 516700   | 17.938 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol          | 14.31 | 184  | 61651    | 15.159 | ng/ul  | 87       |
| 55) 4-Nitrophenol              | 14.42 | 109  | 58393    | 14.022 | ng/ul  | 98       |
| 56) Dibenzofuran               | 14.56 | 168  | 711951   | 18.046 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene         | 14.55 | 165  | 169703   | 19.186 | ng/ul# | 84       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.80 | 232  | 144322   | 17.714 | ng/ul  | 100      |
| 59) Diethylphthalate           | 15.00 | 149  | 620676   | 17.872 | ng/ul  | 100      |
| 61) Fluorene                   | 15.22 | 166  | 591848   | 17.548 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenylether | 15.22 | 204  | 295577   | 17.835 | ng/ul  | 99       |
| 63) 4-Nitroaniline             | 15.26 | 138  | 102644m  | 15.420 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylphenol | 15.32 | 198  | 92676    | 17.452 | ng/ul  | 96       |
| 67) N-Nitrosodiphenylamine     | 15.43 | 169  | 504553   | 18.697 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether  | 16.11 | 248  | 172405   | 18.645 | ng/ul  | 96       |
| 69) Hexachlorobenzene          | 16.22 | 284  | 200523   | 18.262 | ng/ul  | 95       |
| 70) Atrazine                   | 16.39 | 200  | 171988   | 17.274 | ng/ul  | 98       |
| 71) Pentachlorophenol          | 16.57 | 266  | 95413    | 15.165 | ng/ul  | 99       |
| 72) Phenanthrene               | 16.95 | 178  | 881326   | 17.993 | ng/ul  | 100      |
| 74) Anthracene                 | 17.04 | 178  | 899149   | 17.955 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachlorobenzene | 12.95 | 216  | 260639   | 19.835 | ng/uL  | 96       |
| 76) Pentachlorobenzene         | 14.48 | 250  | 238590   | 19.039 | ng/uL  | 98       |
| 77) Carbazole                  | 17.32 | 167  | 761711   | 16.601 | ng/ul  | 99       |
| 78) Di-n-butylphthalate        | 17.89 | 149  | 973473   | 17.875 | ng/ul  | 100      |
| 80) Fluoranthene               | 18.97 | 202  | 932908   | 21.784 | ng/ul  | 98       |
| 82) Pyrene                     | 19.34 | 202  | 965046   | 21.413 | ng/ul  | 99       |
| 83) Butylbenzylphthalate       | 20.25 | 149  | 366004   | 22.852 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine     | 21.03 | 252  | 274645   | 17.600 | ng/ul  | 97       |
| 85) Benzo(a)anthracene         | 21.09 | 228  | 827213   | 18.484 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 545730   | 19.762 | ng/ul  | 97       |
| 87) Chrysene                   | 21.14 | 228  | 820909   | 18.417 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate       | 21.88 | 149  | 854623   | 18.484 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene       | 22.60 | 252  | 773495   | 19.736 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene       | 22.64 | 252  | 753852   | 18.296 | ng/ul  | 99       |
| 93) Benzo(a)pyrene             | 23.15 | 252  | 668913   | 18.792 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene     | 25.37 | 276  | 822491   | 19.091 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene     | 25.37 | 278  | 705236   | 19.311 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene       | 26.01 | 276  | 685098   | 19.627 | ng/ul  | 99       |

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Sample : SSTDCCC020  
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ALS Vial : 28 Sample Multiplier: 1

Instrument :  
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QLast Update : Thu May 20 12:00:20 2021  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

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

