

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061821\  
 Data File : BN014942.D  
 Acq On : 17 Jun 2021 15:27  
 Operator : CG/JU  
 Sample : SST001053  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jun 17 16:42:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 17 16:39:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.740  | 152  | 138205   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.516 | 136  | 584228   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.369 | 164  | 356183   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.116 | 188  | 699205   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.316 | 240  | 669786   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.574 | 264  | 690515   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.293  | 96   | 15013    | 5.776  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 89733    | 14.843 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.905  | 99   | 118236   | 11.421 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.081  | 67   | 72835    | 14.851 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.275  | 132  | 93241    | 11.747 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.434  | 113  | 91482    | 10.370 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.881  | 128  | 38640    | 8.814  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.599  | 143  | 31844    | 6.405  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.134 | 165  | 84317    | 8.423  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.646 | 131  | 133518   | 11.263 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.781 | 166  | 251288   | 8.874  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.057 | 160  | 330582   | 10.681 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.551 | 143  | 34719    | 8.729  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.363 | 176  | 220990   | 9.567  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.469 | 200  | 20297    | 4.856  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.210 | 188  | 336769   | 10.643 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.516 | 212  | 366107   | 11.851 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.433 | 264  | 349830   | 10.137 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.328  | 88   | 15011    | 5.178  | ng/uL  | 97       |
| 5) Pyridine                   | 3.705  | 79   | 98993    | 15.787 | ng/ul  | 94       |
| 6) Benzaldehyde               | 6.887  | 77   | 54904    | 10.553 | ng/ul  | 97       |
| 8) Phenol                     | 6.934  | 94   | 121792   | 11.858 | ng/ul  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.169  | 93   | 98022    | 12.647 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.305  | 128  | 94612    | 11.220 | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.175  | 108  | 90238    | 11.093 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.269  | 45   | 127785   | 25.339 | ng/ul  | 98       |
| 16) Acetophenone              | 8.552  | 105  | 146934   | 10.350 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.540  | 70   | 71073    | 10.593 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 8.493  | 108  | 97636    | 11.156 | ng/ul  | 100      |
| 19) Hexachloroethane          | 8.816  | 117  | 38648    | 8.833  | ng/ul  | 95       |
| 22) Nitrobenzene              | 8.928  | 77   | 97386    | 8.328  | ng/ul  | 99       |
| 23) Isophorone                | 9.446  | 82   | 195050   | 9.248  | ng/ul  | 100      |
| 25) 2-Nitrophenol             | 9.634  | 139  | 36404    | 7.231  | ng/ul  | 95       |
| 26) 2,4-Dimethylphenol        | 9.693  | 107  | 105673   | 7.805  | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.934  | 93   | 123598   | 10.715 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.157 | 162  | 82436    | 8.661  | ng/ul  | 98       |
| 30) Naphthalene               | 10.563 | 128  | 311582   | 10.627 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.669 | 127  | 132524   | 11.321 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.857 | 225  | 54141    | 5.767  | ng/ul  | 99       |
| 34) Caprolactam               | 11.410 | 113  | 25026    | 8.515  | ng/ul  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.793 | 107  | 90743    | 7.346  | ng/ul  | 98       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.181 | 142  | 216236   | 10.058 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.399 | 142  | 219329   | 10.105 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.551 | 216  | 104475   | 8.440  | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.534 | 237  | 49889    | 5.437  | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.787 | 196  | 57240    | 7.969  | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.851 | 196  | 64299    | 8.139  | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.204 | 154  | 270732   | 11.065 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.240 | 162  | 212473   | 10.874 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.434 | 65   | 42232    | 7.380  | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.828 | 163  | 246160   | 9.224  | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.940 | 165  | 35109    | 6.790  | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.087 | 152  | 306856   | 10.932 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.263 | 138  | 35814    | 8.376  | ng/ul# | 94       |
| 52) Acenaphthene              | 14.434 | 153  | 223669   | 10.727 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.463 | 184  | 12090    | 4.241  | ng/ul  | 92       |
| 55) 4-Nitrophenol             | 14.563 | 109  | 27455    | 4.137  | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.769 | 168  | 310641   | 10.226 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.722 | 165  | 49132    | 6.136  | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.993 | 232  | 46310    | 6.208  | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.204 | 149  | 243937   | 8.994  | ng/ul  | 98       |
| 61) Fluorene                  | 15.416 | 166  | 256323   | 10.552 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.422 | 204  | 118407   | 8.768  | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.422 | 138  | 34175    | 8.118  | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.487 | 198  | 20443    | 5.011  | ng/ul  | 100      |
| 67) N-Nitrosodiphenylamine    | 15.628 | 169  | 214957   | 11.844 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.316 | 248  | 69705    | 8.299  | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.422 | 284  | 79742    | 7.331  | ng/ul  | 96       |
| 70) Atrazine                  | 16.587 | 200  | 69215    | 8.430  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.763 | 266  | 32798    | 6.154  | ng/ul  | 92       |
| 72) Phenanthrene              | 17.157 | 178  | 392728   | 11.223 | ng/ul  | 99       |
| 74) Anthracene                | 17.245 | 178  | 405710   | 11.491 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.157 | 216  | 102224   | 9.627  | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.687 | 250  | 98287    | 8.408  | ng/uL  | 98       |
| 77) Carbazole                 | 17.516 | 167  | 356853   | 12.094 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.104 | 149  | 393796   | 10.695 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.180 | 202  | 436604   | 12.298 | ng/ul  | 99       |
| 82) Pyrene                    | 19.545 | 202  | 458072   | 12.166 | ng/ul  | 100      |
| 83) Butylbenzylphthalate      | 20.469 | 149  | 145750   | 10.505 | ng/ul  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.239 | 252  | 125635   | 10.235 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.304 | 228  | 433685   | 11.055 | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.263 | 149  | 240921   | 11.786 | ng/ul  | 98       |
| 87) Chrysene                  | 21.357 | 228  | 429611   | 11.050 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.157 | 149  | 372151   | 10.323 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.904 | 252  | 431763   | 10.761 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 22.951 | 252  | 424394   | 10.760 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.480 | 252  | 384917   | 10.563 | ng/ul  | 94       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.863 | 276  | 464221   | 9.890  | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 25.868 | 278  | 387789   | 10.094 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 26.545 | 276  | 413444   | 10.030 | ng/ul  | 97       |

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

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