

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070123\  
 Data File : BG057941.D  
 Acq On : 1 Jul 2023 13:56  
 Operator : CG/JU  
 Sample : SSTD08090  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD080439

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023  
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 07:40:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jul 02 07:09:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.929  | 152  | 45826    | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.737 | 136  | 209393   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.568 | 164  | 145174   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.312 | 188  | 334553   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.566 | 240  | 264210   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.721 | 264  | 321770   | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 38572    | 29.474  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.775  | 84   | 312737   | 78.714  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.094  | 99   | 374801   | 80.086  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.259  | 67   | 223933   | 79.400  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.465  | 132  | 258256   | 80.010  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.646  | 113  | 281089   | 79.599  | ng/u1  | 0.01     |
| 21) Nitrobenzene-d5           | 9.098  | 128  | 140316   | 82.217  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.815  | 143  | 154356   | 86.056  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.355 | 165  | 279967   | 81.365  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.872 | 131  | 390858   | 74.922  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.975 | 166  | 843706   | 73.658  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.263 | 160  | 942409   | 75.396  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.780 | 143  | 158641   | 78.391  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.561 | 176  | 717754   | 73.784  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.679 | 200  | 153240   | 84.354  | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.412 | 188  | 1134846  | 73.102  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.697 | 212  | 1241130  | 74.587  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.515 | 264  | 1278207  | 77.971  | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.405  | 88   | 43306    | 26.786  | ng/uL  | 96       |
| 5) Pyridine                   | 3.798  | 79   | 316068   | 77.643  | ng/u1  | 97       |
| 6) Benzaldehyde               | 7.071  | 77   | 160952   | 102.981 | ng/u1  | 94       |
| 8) Phenol                     | 7.124  | 94   | 381386   | 80.307  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.353  | 93   | 288963   | 78.802  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.500  | 128  | 265271   | 78.976  | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.375  | 108  | 300625   | 80.601  | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.458  | 45   | 451329   | 79.958  | ng/u1  | 98       |
| 16) Acetophenone              | 8.757  | 105  | 458279   | 78.220  | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.751  | 70   | 240259   | 76.710  | ng/u1  | 100      |
| 18) 4-Methylphenol            | 8.710  | 108  | 321308   | 79.670  | ng/u1  | 100      |
| 19) Hexachloroethane          | 9.016  | 117  | 102369   | 79.501  | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.139  | 77   | 348164   | 78.585  | ng/u1  | 98       |
| 23) Isophorone                | 9.668  | 82   | 728492   | 77.059  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.850  | 139  | 161702   | 84.015  | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.909  | 107  | 337601   | 78.005  | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.144 | 93   | 416158   | 78.119  | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.385 | 162  | 267722   | 80.025  | ng/u1  | 94       |
| 30) Naphthalene               | 10.790 | 128  | 894799   | 76.040  | ng/u1  | 97       |
| 32) 4-Chloroaniline           | 10.896 | 127  | 399160   | 74.829  | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.066 | 225  | 183617   | 77.525  | ng/u1  | 97       |
| 34) Caprolactam               | 11.683 | 113  | 97000m   | 72.524  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.024 | 107  | 331863   | 80.753  | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.394 | 142  | 602539   | 75.959  | ng/u1  | 98       |

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| 37) 1-Methylnaphthalene       | 12.612 | 142  | 599302   | 75.340 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.764 | 216  | 345354   | 78.062 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.741 | 237  | 239021   | 85.774 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.999 | 196  | 247418   | 82.514 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.076 | 196  | 265638   | 81.916 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.405 | 154  | 778671   | 74.429 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.446 | 162  | 635259   | 75.658 | ng/ul  | 100      |
| 45) 2-Nitroaniline            | 13.652 | 65   | 241852   | 82.847 | ng/ul  | 96       |
| 47) Dimethylphthalate         | 14.022 | 163  | 837217   | 72.751 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.145 | 165  | 191019   | 80.866 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.292 | 152  | 991119   | 73.428 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.474 | 138  | 169207   | 84.764 | ng/ul  | 100      |
| 52) Acenaphthene              | 14.633 | 153  | 687493   | 74.226 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.680 | 184  | 109533   | 88.944 | ng/ul  | 97       |
| 55) 4-Nitrophenol             | 14.791 | 109  | 118918   | 79.322 | ng/ul  | 88       |
| 56) Dibenzofuran              | 14.968 | 168  | 968090   | 73.528 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.932 | 165  | 263848   | 78.836 | ng/ul# | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.191 | 232  | 235897   | 79.909 | ng/ul# | 99       |
| 59) Diethylphthalate          | 15.385 | 149  | 857967   | 71.431 | ng/ul  | 99       |
| 61) Fluorene                  | 15.614 | 166  | 751340   | 69.549 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.608 | 204  | 414449   | 72.505 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.643 | 138  | 155921   | 87.725 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.696 | 198  | 156097   | 84.024 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.820 | 169  | 671265   | 75.393 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.501 | 248  | 291170   | 79.287 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.619 | 284  | 322155   | 78.353 | ng/ul  | 98       |
| 70) Atrazine                  | 16.771 | 200  | 270261   | 74.229 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.959 | 266  | 204983   | 83.043 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.353 | 178  | 1233347  | 72.474 | ng/ul  | 98       |
| 74) Anthracene                | 17.447 | 178  | 1217226  | 70.682 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.369 | 216  | 368316   | 83.011 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.885 | 250  | 381888   | 80.590 | ng/uL  | 98       |
| 77) Carbazole                 | 17.717 | 167  | 1148507  | 73.742 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.270 | 149  | 1380217  | 69.568 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.362 | 202  | 1424511  | 73.879 | ng/ul  | 99       |
| 82) Pyrene                    | 19.727 | 202  | 1393774  | 71.811 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.608 | 149  | 614939   | 78.133 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.466 | 252  | 498146   | 77.880 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.548 | 228  | 1432106  | 75.491 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.454 | 149  | 837631   | 74.268 | ng/ul  | 96       |
| 87) Chrysene                  | 21.613 | 228  | 1352490  | 76.052 | ng/ul  | 96       |
| 89) Di-n-octyl phthalate      | 22.641 | 149  | 1539505  | 77.870 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.722 | 252  | 1555517  | 78.076 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.793 | 252  | 1469898  | 75.271 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.586 | 252  | 1355957  | 76.894 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.334 | 276  | 1858265  | 79.357 | ng/ul  | 100      |
| 95) Dibenzo(a,h)anthracene    | 28.399 | 278  | 1524954  | 78.975 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 29.468 | 276  | 1527745  | 79.876 | ng/ul  | 98       |

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

