

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100620\  
 Data File : BG046791.D  
 Acq On : 6 Oct 2020 12:39  
 Operator : CG/JU  
 Sample : L4153-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 X2N61

Manual Integrations  
 APPROVED

mohammad  
 10/7/2020 10:40:15 AM

Quant Time: Oct 06 14:13:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM01-EPA-BG092820.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 06 10:28:44 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.109  | 152  | 50543    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8            | 10.923 | 136  | 184735   | 20.00 | ng/ul  | 0.00     |
| 36) Acenaphthene-d10          | 14.737 | 164  | 127274   | 20.00 | ng/ul  | 0.00     |
| 62) Phenanthrene-d10          | 17.475 | 188  | 310633   | 20.00 | ng/ul  | 0.00     |
| 78) Chrysene-d12              | 21.752 | 240  | 378316   | 20.00 | ng/ul  | 0.00     |
| 86) Perylene-d12              | 25.025 | 264  | 393959   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.526  | 96   | 4257     | 3.95  | ng/uL  | 0.00     |
| 5) Phenol-d5                  | 7.257  | 99   | 99493    | 23.41 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)eth...  | 7.427  | 67   | 55851    | 20.82 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4          | 7.639  | 132  | 73256    | 23.70 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8         | 8.796  | 113  | 75895    | 22.73 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5           | 9.272  | 128  | 37402    | 31.68 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4          | 9.989  | 143  | 42808    | 33.98 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3     | 10.530 | 165  | 83411    | 26.74 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4        | 11.047 | 131  | 73451    | 18.99 | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6      | 14.131 | 166  | 330024   | 34.28 | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8         | 14.425 | 160  | 343773   | 29.83 | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4          | 14.907 | 143  | 76119    | 49.62 | ng/ul  | 0.00     |
| 58) Fluorene-d10              | 15.724 | 176  | 284824   | 31.82 | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylph... | 15.829 | 200  | 62713    | 44.66 | ng/ul  | 0.00     |
| 71) Anthracene-d10            | 17.580 | 188  | 627639m  | 44.07 | ng/ul  | 0.00     |
| 79) Pyrene-d10                | 19.854 | 212  | 893412   | 45.38 | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12        | 24.807 | 264  | 996207   | 46.79 | ng/ul  | 0.01     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.567  | 88   | 12124    | 9.83  | ng/uL  | 91       |
| 4) Benzaldehyde               | 7.239  | 77   | 55834    | 18.51 | ng/ul  | 94       |
| 6) Phenol                     | 7.281  | 94   | 143728   | 32.02 | ng/ul  | 98       |
| 8) Bis(2-Chloroethyl)ether    | 7.521  | 93   | 75853    | 21.73 | ng/ul  | 93       |
| 17) Hexachloroethane          | 9.202  | 117  | 45480    | 31.79 | ng/ul  | 94       |
| 20) Nitrobenzene              | 9.308  | 77   | 56494    | 16.32 | ng/ul# | 96       |
| 23) 2-Nitrophenol             | 10.024 | 139  | 48085    | 34.73 | ng/ul  | 96       |
| 28) Naphthalene               | 10.970 | 128  | 285946   | 28.11 | ng/ul  | 96       |
| 34) 2-Methylnaphthalene       | 12.569 | 142  | 295686   | 39.48 | ng/ul  | 97       |
| 35) 1-Methylnaphthalene       | 12.786 | 142  | 147885   | 20.36 | ng/ul# | 97       |
| 37) 1,2,4,5-Tetrachloroben... | 12.933 | 216  | 71652    | 15.31 | ng/ul# | 93       |
| 40) 2,4,5-Trichlorophenol     | 13.232 | 196  | 138986   | 50.01 | ng/ul  | 90       |
| 41) 1,1'-Biphenyl             | 13.567 | 154  | 294058   | 29.80 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene       | 13.614 | 162  | 216819   | 27.67 | ng/ul  | 99       |
| 48) Acenaphthylene            | 14.455 | 152  | 294039   | 25.52 | ng/ul  | 98       |
| 50) Acenaphthene              | 14.795 | 153  | 191966   | 23.54 | ng/ul  | 99       |
| 53) 4-Nitrophenol             | 14.925 | 109  | 55948    | 36.97 | ng/ul# | 78       |
| 54) Dibenzofuran              | 15.130 | 168  | 156892   | 13.11 | ng/ul  | 95       |
| 55) 2,4-Dinitrotoluene        | 15.083 | 165  | 83709    | 38.95 | ng/ul  | 94       |
| 57) Diethylphthalate          | 15.541 | 149  | 209269   | 21.29 | ng/ul  | 100      |
| 59) Fluorene                  | 15.777 | 166  | 300404   | 30.49 | ng/ul  | 97       |
| 67) Hexachlorobenzene         | 16.781 | 284  | 60802    | 19.11 | ng/ul  | 99       |
| 70) Phenanthrene              | 17.522 | 178  | 584937   | 34.34 | ng/ul  | 97       |
| 72) Anthracene                | 17.610 | 178  | 949007   | 55.31 | ng/ul  | 97       |
| 77) Fluoranthene              | 19.525 | 202  | 821866   | 38.31 | ng/ul  | 98       |

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| -----                      |        |      |          |       |       |          |
| 80) Pyrene                 | 19.883 | 202  | 725143   | 29.78 | ng/ul | 98       |
| 83) Benzo(a)anthracene     | 21.734 | 228  | 733041   | 29.37 | ng/ul | 99       |
| 85) Chrysene               | 21.799 | 228  | 593895   | 24.63 | ng/ul | 98       |
| 87) Di-n-octyl phthalate   | 22.874 | 149  | 562906   | 25.79 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene   | 23.990 | 252  | 1229237  | 47.17 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene   | 24.055 | 252  | 607788   | 23.84 | ng/ul | 100      |
| 91) Benzo(a)pyrene         | 24.872 | 252  | 643856   | 26.87 | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene | 28.755 | 276  | 752722   | 25.88 | ng/ul | 97       |
| 93) Dibenzo(a,h)anthracene | 28.826 | 278  | 430442   | 17.85 | ng/ul | 98       |
| 94) Benzo(g,h,i)perylene   | 29.931 | 276  | 1004440  | 41.43 | ng/ul | 98       |
| -----                      |        |      |          |       |       |          |

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

