

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010625\  
 Data File : BG063938.D  
 Acq On : 6 Jan 2025 13:50  
 Operator : RC/JU  
 Sample : SSTD16099  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD160443

Quant Time: Jan 06 16:27:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010625.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 16:14:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.794  | 152  | 90566    | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.584 | 136  | 343297   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.439 | 164  | 234968   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.200 | 188  | 552380   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.460 | 240  | 686408   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.486 | 264  | 721535   | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000   | ng/uL  |          |
| 4) Pyridine-d5                | 3.657  | 84   | 1316279  | 161.714 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.989  | 99   | 1276444  | 158.731 | ng/u1  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.136  | 67   | 872265   | 153.333 | ng/u1  | 0.01     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/u1  |          |
| 15) 4-Methylphenol-d8         | 8.528  | 113  | 943286   | 156.478 | ng/u1  | 0.02     |
| 21) Nitrobenzene-d5           | 0.000  | 128  | 0d       | 0.000   | ng/u1  |          |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/u1  |          |
| 28) 2,4-Dichlorophenol-d3     | 0.000  | 165  | 0d       | 0.000   | ng/u1  |          |
| 31) 4-Chloroaniline-d4        | 10.731 | 131  | 1125463  | 158.766 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 0.000  | 166  | 0d       | 0.000   | ng/u1  |          |
| 49) Acenaphthylene-d8         | 0.000  | 160  | 0d       | 0.000   | ng/u1  |          |
| 54) 4-Nitrophenol-d4          | 14.697 | 143  | 431475   | 188.425 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/u1  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.590 | 200  | 536728   | 185.512 | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 0.000  | 188  | 0d       | 0.000   | ng/u1  |          |
| 81) Pyrene-d10                | 0.000  | 212  | 0d       | 0.000   | ng/u1  |          |
| 92) Benzo(a)pyrene-d12        | 0.000  | 264  | 0d       | 0.000   | ng/u1  |          |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 5) Pyridine                   | 3.675  | 79   | 1359123  | 160.096 | ng/u1  | 96       |
| 6) Benzaldehyde               | 6.936  | 77   | 418007   | 85.906  | ng/u1  | 95       |
| 8) Phenol                     | 7.018  | 94   | 1335313  | 155.962 | ng/u1  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.224  | 93   | 1032386  | 150.325 | ng/u1  | 96       |
| 13) 2-Methylphenol            | 8.252  | 108  | 947976   | 157.632 | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.316  | 45   | 1502199  | 151.889 | ng/u1  | 98       |
| 16) Acetophenone              | 8.622  | 105  | 1509135  | 144.773 | ng/u1  | 93       |
| 18) 4-Methylphenol            | 8.593  | 108  | 994038   | 151.917 | ng/u1  | 97       |
| 32) 4-Chloroaniline           | 10.755 | 127  | 1048558  | 155.770 | ng/u1  | 96       |
| 34) Caprolactam               | 11.554 | 113  | 308925m  | 157.724 | ng/u1  |          |
| 40) Hexachlorocyclopentadiene | 12.606 | 237  | 551268   | 178.053 | ng/u1  | 88       |
| 51) 3-Nitroaniline            | 14.362 | 138  | 442159   | 152.522 | ng/u1  | 91       |
| 53) 2,4-Dinitrophenol         | 14.580 | 184  | 326734   | 202.159 | ng/u1  | 92       |
| 55) 4-Nitrophenol             | 14.709 | 109  | 392335   | 189.981 | ng/u1  | 98       |
| 63) 4-Nitroaniline            | 15.543 | 138  | 391143   | 137.787 | ng/u1  | 90       |
| 66) 4,6-Dinitro-2-methylph... | 15.608 | 198  | 543871   | 182.587 | ng/u1  | 100      |
| 70) Atrazine                  | 16.671 | 200  | 989304   | 151.253 | ng/u1  | 96       |
| 71) Pentachlorophenol         | 16.859 | 266  | 500335   | 211.095 | ng/u1  | 94       |
| 77) Carbazole                 | 17.611 | 167  | 3707682  | 144.580 | ng/u1# | 91       |
| 84) 3,3'-Dichlorobenzidine    | 21.366 | 252  | 1661606  | 142.322 | ng/u1  | 96       |
| 89) Di-n-octyl phthalate      | 22.494 | 149  | 5265325  | 154.816 | ng/u1  | 100      |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

SSTD160443

