Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052912.D
Acq On : 29 Mar 2022 4:54
Operator : CG/JU
Sample : PB143650BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 29 05:48:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS650

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.134 | 152 | 28342 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.948 | 136 | 133265 | 20.000 | ng/ul | #-0.01 |
| 38) Acenaphthene-d10 | 14.755 | 164 | 106614 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.498 | 188 | 259271 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.786 | 240 | 261572 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.100 | 264 | 276427 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.552 | 96 | 4026m | 5.018 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.963 | 84 | 53538 | 26.727 | ng/ul | -0.01 |
| 7) Phenol-d5 | 7.282 | 99 | 84120 | 33.138 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.453 | 67 | 52070 | 33.585 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.664 | 132 | 57298 | 33.242 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.833 | 113 | 67420 | 36.665 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.292 | 128 | 31377 | 32.708 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.020 | 143 | 37485 | 37.047 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.560 | 165 | 70775 | 32.153 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.071 | 131 | 92519 | 31.802 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.156 | 166 | 269529 | 32.907 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.449 | 160 | 292398 | 29.379 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.931 | 143 | 48706 | 35.369 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.747 | 176 | 232913 | 32.386 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.853 | 200 | 48862 | 37.033 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.598 | 188 | 373715 | 30.954 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.877 | 212 | 472464 | 32.288 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.870 | 264 | 482221 | 33.762 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.587 | 88 | 9468 | 9.631 | ng/uL | 95 |
| 5) Pyridine | 3.987 | 79 | 63370 | 29.278 | ng/ul | 98 |
| 6) Benzaldehyde | 7.265 | 77 | 58970 | 34.944 | ng/ul | 89 |
| 8) Phenol | 7.306 | 94 | 92130 | 37.657 | ng/ul | 95 |
| 10) Bis(2-Chloroethyl)ether | 7.547 | 93 | 63907 | 34.626 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.694 | 128 | 60647 | 34.438 | ng/ul | 92 |
| 13) 2-Methylphenol | 8.563 | 108 | 71075 | 37.380 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.663 | 45 | 108421 | 36.140 | ng/ul | 96 |
| 16) Acetophenone | 8.951 | 105 | 109342 | 38.116 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.939 | 70 | 66701 | 39.884 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.892 | 108 | 79866 | 40.315 | ng/ul | 92 |
| 19) Hexachloroethane | 9.227 | 117 | 25334 | 32.423 | ng/ul | 93 |
| 22) Nitrobenzene | 9.339 | 77 | 97998 | 34.962 | ng/ul# | 93 |
| 23) Isophorone | 9.861 | 82 | 189728 | 35.412 | ng/ul | 97 |
| 25) 2-Nitrophenol | 10.049 | 139 | 38507 | 36.700 | ng/ul | 90 |
| 26) 2,4-Dimethylphenol | 10.102 | 107 | 84665 | 32.565 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.343 | 93 | 99173 | 33.286 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.590 | 162 | 75502 | 35.279 | ng/ul | 94 |
| 30) Naphthalene | 11.001 | 128 | 221986 | 32.188 | ng/ul | 97 |
| 32) 4-Chloroaniline | 11.095 | 127 | 88535 | 30.970 | ng/ul | 95 |
| 33) Hexachlorobutadiene | 11.289 | 225 | 55453 | 31.726 | ng/ul | 98 |
| 34) Caprolactam | 11.853 | 113 | 27486m | 42.643 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.211 | 107 | 93957 | 40.472 | ng/ul | 89 |
| 36) 2-Methylnaphthalene | 12.593 | 142 | 168244 | 34.569 | ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052912.D
Acq On : 29 Mar 2022 4:54
Operator : CG/JU
Sample : PB143650BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 29 05:48:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS650

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.810 | 142 | 172688 | 35.048 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.957 | 216 | 109929 | 31.195 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.945 | 237 | 65887 | 27.007 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.192 | 196 | 74223 | 34.469 | ng/ul | 92 |
| 42) 2,4,5-Trichlorophenol | 13.263 | 196 | 81912 | 35.225 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.592 | 154 | 241008 | 31.634 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.639 | 162 | 192675 | 31.583 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.827 | 65 | 74398 | 41.604 | ng/ul | 93 |
| 47) Dimethylphthalate | 14.203 | 163 | 264585 | 33.851 | ng/ul# | 99 |
| 48) 2,6-Dinitrotoluene | 14.320 | 165 | 57085 | 40.317 | ng/ul | 95 |
| 50) Acenaphthylene | 14.479 | 152 | 314722 | 32.742 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.649 | 138 | 55370 | 38.742 | ng/ul | 91 |
| 52) Acenaphthene | 14.819 | 153 | 210344 | 33.497 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.855 | 184 | 33257 | 37.808 | ng/ul# | 61 |
| 55) 4-Nitrophenol | 14.949 | 109 | 57357 | 39.576 | ng/ul | 90 |
| 56) Dibenzofuran | 15.154 | 168 | 318207 | 34.181 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.101 | 165 | 80250 | 39.946 | ng/ul# | 83 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.377 | 232 | 78245 | 37.329 | ng/ul# | 93 |
| 59) Diethylphthalate | 15.565 | 149 | 282956 | 35.744 | ng/ul | 99 |
| 61) Fluorene | 15.800 | 166 | 263069 | 34.091 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.789 | 204 | 142040 | 34.592 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.812 | 138 | 58458 | 41.594 | ng/ul | 86 |
| 66) 4,6-Dinitro-2-methylph... | 15.871 | 198 | 50691 | 39.266 | ng/ul | 93 |
| 67) N-Nitrosodiphenylamine | 16.000 | 169 | 232330 | 33.142 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.682 | 248 | 102559 | 39.950 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.811 | 284 | 117462 | 35.421 | ng/ul# | 94 |
| 70) Atrazine | 16.940 | 200 | 75417 | 26.251 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.146 | 266 | 70339 | 34.881 | ng/ul | 93 |
| 72) Phenanthrene | 17.545 | 178 | 463897 | 34.091 | ng/ul | 99 |
| 74) Anthracene | 17.633 | 178 | 450082 | 33.084 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.562 | 216 | 121700 | 31.516 | ng/uL | 97 |
| 76) Pentachlorobenzene | 15.078 | 250 | 127696 | 34.468 | ng/uL | 97 |
| 77) Carbazole | 17.898 | 167 | 415032 | 34.520 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.450 | 149 | 489516 | 34.239 | ng/ul | 98 |
| 80) Fluoranthene | 19.548 | 202 | 606372 | 35.165 | ng/ul | 98 |
| 82) Pyrene | 19.912 | 202 | 584844 | 34.123 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.788 | 149 | 220030 | 36.923 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.675 | 252 | 204552 | 34.891 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.769 | 228 | 589335 | 34.909 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.663 | 149 | 303118 | 36.725 | ng/ul | 99 |
| 87) Chrysene | 21.833 | 228 | 555882 | 34.521 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.908 | 149 | 519720 | 36.097 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.048 | 252 | 628062 | 35.187 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.113 | 252 | 590633m | 35.854 | ng/ul | |
| 93) Benzo(a)pyrene | 24.947 | 252 | 587899 | 34.886 | ng/ul | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 28.877 | 276 | 696916 | 36.567 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 28.947 | 278 | 587759 | 36.284 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 30.063 | 276 | 573504 | 35.597 | ng/ul | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
Data File : BG052912.D
Acq On : 29 Mar 2022 4:54
Operator : CG/JU
Sample : PB143650BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 29 05:48:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS650

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022