Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061577.D
Acq On : 8 Jun 2024 23:04
Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 10 01:03:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SLCS227

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.871 | 152 | 24110 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.667 | 136 | 93841 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.516 | 164 | 70843 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.265 | 188 | 170633 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.525 | 240 | 187217 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.633 | 264 | 195931 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.329 | 96 | 2350 | 5.455 | ng/uL | -0.03 |
| 4) Pyridine-d5 | 3.740 | 84 | 39113 | 25.519 | ng/ul | -0.03 |
| 7) Phenol-d5 | 7.071 | 99 | 49829 | 25.167 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.201 | 67 | 28519 | 22.917 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.418 | 132 | 41734 | 28.481 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.605 | 113 | 42183 | 24.986 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.034 | 128 | 22073 | 30.550 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.757 | 143 | 25758 | 30.462 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.315 | 165 | 52195 | 31.662 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.808 | 131 | 56156 | 26.038 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.916 | 166 | 152941 | 27.836 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.204 | 160 | 167742 | 29.365 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.774 | 143 | 14617 | 21.518 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.509 | 176 | 134357 | 28.323 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.661 | 200 | 23397 | 22.671 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.365 | 188 | 223600 | 29.723 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.663 | 212 | 277892 | 28.909 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.422 | 264 | 290577 | 30.848 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.364 | 88 | 6037 | 11.675 | ng/uL | 88 |
| 5) Pyridine | 3.764 | 79 | 42851 | 28.267 | ng/ul# | 81 |
| 6) Benzaldehyde | 7.013 | 77 | 32018 | 30.927 | ng/ul | 95 |
| 8) Phenol | 7.095 | 94 | 53998 | 26.767 | ng/ul | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.295 | 93 | 37653 | 25.517 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.447 | 128 | 44024 | 28.429 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.335 | 108 | 40220 | 25.726 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.393 | 45 | 79673 | 19.993 | ng/ul# | 92 |
| 16) Acetophenone | 8.693 | 105 | 72181 | 25.052 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.675 | 70 | 34256 | 21.623 | ng/ul# | 84 |
| 18) 4-Methylphenol | 8.670 | 108 | 45022 | 25.991 | ng/ul | 97 |
| 19) Hexachloroethane | 8.952 | 117 | 18523 | 26.883 | ng/ul | 89 |
| 22) Nitrobenzene | 9.075 | 77 | 54726 | 27.616 | ng/ul | 94 |
| 23) Isophorone | 9.598 | 82 | 94585 | 23.464 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.786 | 139 | 26168 | 28.511 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.862 | 107 | 39493 | 21.716 | ng/ul | 89 |
| 27) Bis(2-Chloroethoxy)met... | 10.074 | 93 | 52340 | 25.902 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.338 | 162 | 50743 | 33.420 | ng/ul | 98 |
| 30) Naphthalene | 10.720 | 128 | 147231 | 29.725 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.832 | 127 | 53256 | 24.849 | ng/ul | 95 |
| 33) Hexachlorobutadiene | 10.996 | 225 | 50775 | 34.213 | ng/ul | 99 |
| 34) Caprolactam | 11.613 | 113 | 14026m | 24.146 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.989 | 107 | 52113 | 26.551 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 12.330 | 142 | 101302 | 28.202 | ng/ul | 99 |

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Operator : MA/JU
Sample : PB161227BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
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**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 01:03:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.547 | 142 | 105168 | 28.530 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.706 | 216 | 86196 | 36.853 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.677 | 237 | 947 | 0.897 | ng/ul# | 66 |
| 41) 2,4,6-Trichlorophenol | 12.959 | 196 | 46265 | 35.117 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.047 | 196 | 49010 | 35.326 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.341 | 154 | 143875 | 31.408 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.388 | 162 | 116431 | 32.297 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.599 | 65 | 40727 | 27.373 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.969 | 163 | 161957 | 28.281 | ng/ul | 97 |
| 48) 2,6-Dinitrotoluene | 14.099 | 165 | 31866 | 28.375 | ng/ul# | 96 |
| 50) Acenaphthylene | 14.234 | 152 | 186197 | 29.395 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.428 | 138 | 30235 | 31.023 | ng/ul | 95 |
| 52) Acenaphthene | 14.580 | 153 | 123636 | 29.755 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.663 | 184 | 12081m | 20.286 | ng/ul | |
| 55) 4-Nitrophenol | 14.786 | 109 | 18519 | 23.188 | ng/ul | 93 |
| 56) Dibenzofuran | 14.915 | 168 | 180929 | 30.454 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.898 | 165 | 49827 | 29.162 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.162 | 232 | 41524 | 32.816 | ng/ul# | 95 |
| 59) Diethylphthalate | 15.332 | 149 | 151797 | 26.843 | ng/ul | 99 |
| 61) Fluorene | 15.567 | 166 | 152173 | 29.603 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.556 | 204 | 90135 | 29.898 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.597 | 138 | 33687 | 33.186 | ng/ul | 92 |
| 66) 4,6-Dinitro-2-methylph... | 15.673 | 198 | 26198 | 24.222 | ng/ul# | 93 |
| 67) N-Nitrosodiphenylamine | 15.773 | 169 | 135554 | 31.607 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.449 | 248 | 66105 | 32.696 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.584 | 284 | 74642 | 33.215 | ng/ul# | 92 |
| 70) Atrazine | 16.731 | 200 | 48821 | 28.765 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.942 | 266 | 19101m | 24.421 | ng/ul | |
| 72) Phenanthrene | 17.307 | 178 | 253222 | 30.576 | ng/ul | 98 |
| 74) Anthracene | 17.401 | 178 | 248370 | 29.005 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.317 | 216 | 83342 | 36.951 | ng/uL | 95 |
| 76) Pentachlorobenzene | 14.839 | 250 | 91007 | 36.495 | ng/uL | 96 |
| 77) Carbazole | 17.677 | 167 | 218910 | 31.430 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.229 | 149 | 259644 | 29.751 | ng/ul | 99 |
| 80) Fluoranthene | 19.328 | 202 | 339114 | 29.407 | ng/ul | 98 |
| 82) Pyrene | 19.692 | 202 | 354598 | 29.624 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.573 | 149 | 119491 | 29.059 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.425 | 252 | 133557 | 33.608 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.507 | 228 | 388297 | 30.058 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.408 | 149 | 167286 | 27.484 | ng/ul# | 98 |
| 87) Chrysene | 21.572 | 228 | 359402 | 30.215 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.577 | 149 | 291638 | 29.752 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.652 | 252 | 371961 | 31.885 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.711 | 252 | 385858 | 32.582 | ng/ul | 96 |
| 93) Benzo(a)pyrene | 24.492 | 252 | 314102 | 28.355 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 28.164 | 276 | 362484m | 27.059 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.211 | 278 | 306064m | 27.709 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 29.269 | 276 | 211780m | 19.873 | ng/ul | |

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

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**Instrument :**
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