Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057833.D
Acq On : 23 Jun 2023 8:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 09:07:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.923 | 152 | 35918 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.731 | 136 | 161733 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.562 | 164 | 114810 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.306 | 188 | 283700 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.560 | 240 | 239325 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.715 | 264 | 298423 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.496 | 112 | 194040 | 83.299 | ng | | 0.00 |
| 7) Phenol-d6 | 7.083 | 99 | 291230 | 81.935 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.086 | 82 | 266017 | 84.416 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.049 | 330 | 150735 | 94.251 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.187 | 172 | 606228 | 80.088 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.921 | 244 | 1040360 | 81.058 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.399 | 88 | 42728 | 40.295 | ng | | 91 |
| 3) Pyridine | 3.792 | 79 | 129266 | 40.026 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.710 | 42 | 53496 | 36.252 | ng | | 83 |
| 6) Aniline | 7.247 | 93 | 185226 | 40.699 | ng | | 96 |
| 8) 2-Chlorophenol | 7.488 | 128 | 99229 | 41.407 | ng | | 99 |
| 9) Benzaldehyde | 7.065 | 77 | 76190 | 34.090 | ng | | 98 |
| 10) Phenol | 7.112 | 94 | 143674 | 41.054 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.347 | 93 | 109274 | 40.612 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 7.811 | 146 | 98634 | 40.443 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.958 | 146 | 100153 | 40.529 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.281 | 146 | 97077 | 40.599 | ng | | 97 |
| 15) Benzyl Alcohol | 8.158 | 79 | 108578 | 39.950 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.458 | 45 | 177697 | 34.379 | ng | | 96 |
| 17) 2-Methylphenol | 8.364 | 107 | 104864 | 40.740 | ng | | 94 |
| 18) Hexachloroethane | 9.010 | 117 | 37647 | 43.205 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.728 | 70 | 96124 | 38.790 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.693 | 107 | 146865 | 41.306 | ng | | 98 |
| 22) Acetophenone | 8.745 | 105 | 178836 | 39.432 | ng | | 95 |
| 24) Nitrobenzene | 9.127 | 77 | 134360 | 40.967 | ng | | 95 |
| 25) Isophorone | 9.650 | 82 | 284567 | 39.526 | ng | | 98 |
| 26) 2-Nitrophenol | 9.838 | 139 | 57387 | 54.999 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.897 | 122 | 104576 | 40.482 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.132 | 93 | 153950 | 39.707 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.373 | 162 | 101865 | 41.524 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.590 | 180 | 110763 | 40.507 | ng | | 94 |
| 31) Naphthalene | 10.778 | 128 | 342214 | 39.756 | ng | | 99 |
| 32) Benzoic acid | 10.026 | 122 | 88430 | 46.494 | ng | | 96 |
| 33) 4-Chloroaniline | 10.884 | 127 | 161470 | 40.485 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.060 | 225 | 68815 | 41.250 | ng | | 98 |
| 35) Caprolactam | 11.660 | 113 | 41848 | 42.039 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 12.006 | 107 | 133416 | 41.643 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.388 | 142 | 249980 | 39.842 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.606 | 142 | 237773 | 40.145 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.753 | 216 | 133184 | 41.844 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.735 | 237 | 77953 | 46.132 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.993 | 196 | 97757 | 42.894 | ng | | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057833.D
Acq On : 23 Jun 2023 8:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 09:07:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.064 | 196 | 115976 | 43.657 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.393 | 154 | 316039 | 40.090 | ng | 98 |
| 47) 2-Chloronaphthalene | 13.440 | 162 | 246272 | 40.664 | ng | 99 |
| 48) 2-Nitroaniline | 13.640 | 65 | 98142 | 45.601 | ng | 92 |
| 49) Acenaphthylene | 14.286 | 152 | 419670 | 40.372 | ng | 98 |
| 50) Dimethylphthalate | 14.016 | 163 | 359443 | 40.762 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.133 | 165 | 76509 | 47.117 | ng | 96 |
| 52) Acenaphthene | 14.627 | 154 | 266124m | 41.353 | ng | |
| 53) 3-Nitroaniline | 14.462 | 138 | 85412 | 46.674 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.668 | 184 | 43006 | 51.807 | ng | 96 |
| 55) Dibenzofuran | 14.962 | 168 | 418230 | 40.418 | ng | 99 |
| 56) 4-Nitrophenol | 14.768 | 139 | 68495 | 47.098 | ng | 95 |
| 57) 2,4-Dinitrotoluene | 14.921 | 165 | 109647 | 49.793 | ng | 94 |
| 58) Fluorene | 15.608 | 166 | 329648 | 40.245 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.185 | 232 | 101433 | 44.803 | ng | 98 |
| 60) Diethylphthalate | 15.379 | 149 | 371857 | 41.104 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.602 | 204 | 179865 | 41.298 | ng | 95 |
| 62) 4-Nitroaniline | 15.632 | 138 | 86077 | 46.139 | ng | 100 |
| 63) Azobenzene | 15.896 | 77 | 358018 | 38.688 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.684 | 198 | 63915 | 48.927 | ng | 89 |
| 66) n-Nitrosodiphenylamine | 15.814 | 169 | 297780 | 39.769 | ng | 97 |
| 67) 4-Bromophenyl-phenylether | 16.495 | 248 | 123449 | 41.030 | ng | 94 |
| 68) Hexachlorobenzene | 16.613 | 284 | 129976 | 42.376 | ng | 97 |
| 69) Atrazine | 16.760 | 200 | 103080 | 40.104 | ng | 95 |
| 70) Pentachlorophenol | 16.953 | 266 | 101428 | 44.761 | ng | 97 |
| 71) Phenanthrene | 17.347 | 178 | 543304 | 39.552 | ng | 100 |
| 72) Anthracene | 17.441 | 178 | 563575 | 40.179 | ng | 99 |
| 73) Carbazole | 17.706 | 167 | 518703 | 40.108 | ng | 100 |
| 74) Di-n-butylphthalate | 18.270 | 149 | 648101 | 42.323 | ng | 100 |
| 75) Fluoranthene | 19.357 | 202 | 664433 | 40.603 | ng | 99 |
| 77) Benzidine | 19.539 | 184 | 247249 | 44.073 | ng | 100 |
| 78) Pyrene | 19.721 | 202 | 674785 | 39.525 | ng | 99 |
| 80) Butylbenzylphthalate | 20.608 | 149 | 281232 | 43.304 | ng | 97 |
| 81) Benzo(a)anthracene | 21.542 | 228 | 666828 | 40.611 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.460 | 252 | 240329 | 43.033 | ng | 98 |
| 83) Chrysene | 21.607 | 228 | 633931 | 40.229 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.454 | 149 | 403878 | 42.833 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.641 | 149 | 721709 | 43.638 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.317 | 276 | 808052 | 41.415 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.716 | 252 | 675113 | 41.283 | ng | 98 |
| 89) Benzo(k)fluoranthene | 23.787 | 252 | 658861 | 39.559 | ng | 99 |
| 90) Benzo(a)pyrene | 24.568 | 252 | 656157 | 40.855 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.381 | 278 | 678024 | 41.882 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.439 | 276 | 665575 | 41.060 | ng | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057833.D
Acq On : 23 Jun 2023 8:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 23 09:07:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023