Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059927.D
Acq On : 1 Dec 2023 21:12
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 02 02:24:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 02:20:10 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.970 | 152 | 37703 | 20.000 | ng | | # 0.00 |
| 21) Naphthalene-d8 | 10.772 | 136 | 123600 | 20.000 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.602 | 164 | 146011 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.346 | 188 | 529947 | 20.000 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.622 | 240 | 731884 | 20.000 | ng | | # 0.00 |
| 86) Perylene-d12 | 24.812 | 264 | 855965 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.526 | 112 | 62390 | 26.788 | ng | | 0.00 |
| 7) Phenol-d6 | 7.112 | 99 | 89089 | 26.484 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.121 | 82 | 144954 | 62.472 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.083 | 330 | 210419 | 77.605 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.228 | 172 | 567663 | 51.062 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.971 | 244 | 1973533 | 44.771 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.441 | 88 | 9852 | 13.632 | ng | | 96 |
| 3) Pyridine | 3.829 | 79 | 30071 | 15.653 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.752 | 42 | 20846m | 18.034 | ng | | |
| 6) Aniline | 7.283 | 93 | 43254 | 12.090 | ng | # | 84 |
| 8) 2-Chlorophenol | 7.524 | 128 | 30710 | 11.925 | ng | | 95 |
| 9) Benzaldehyde | 7.106 | 77 | 38756 | 17.335 | ng | | 91 |
| 10) Phenol | 7.136 | 94 | 44318 | 12.796 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 7.383 | 93 | 28833 | 10.938 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.853 | 146 | 54911 | 18.496 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.994 | 146 | 56722m | 18.488 | ng | | |
| 14) 1,2-Dichlorobenzene | 8.317 | 146 | 50270 | 16.849 | ng | # | 87 |
| 15) Benzyl Alcohol | 8.199 | 79 | 53242 | 19.429 | ng | # | 90 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.505 | 45 | 9442m | 2.043 | ng | | |
| 17) 2-Methylphenol | 8.399 | 107 | 31316 | 13.037 | ng | | 90 |
| 18) Hexachloroethane | 9.051 | 117 | 21727 | 19.248 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.763 | 70 | 36935 | 15.407 | ng | # | 88 |
| 20) 3+4-Methylphenols | 8.722 | 107 | 49741 | 14.553 | ng | # | 86 |
| 22) Acetophenone | 8.781 | 105 | 80525 | 23.102 | ng | # | 90 |
| 24) Nitrobenzene | 9.163 | 77 | 73690 | 29.975 | ng | # | 96 |
| 25) Isophorone | 9.691 | 82 | 108404 | 21.121 | ng | | 96 |
| 26) 2-Nitrophenol | 9.873 | 139 | 23782 | 29.651 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 9.926 | 122 | 27450 | 18.964 | ng | # | 90 |
| 28) bis(2-Chloroethoxy)met... | 10.173 | 93 | 43636 | 15.731 | ng | # | 95 |
| 29) 2,4-Dichlorophenol | 10.408 | 162 | 65301 | 30.088 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.631 | 180 | 99975 | 36.796 | ng | | 96 |
| 31) Naphthalene | 10.819 | 128 | 125228 | 18.377 | ng | # | 96 |
| 32) Benzoic acid | 10.014 | 122 | 24561 | 19.206 | ng | # | 83 |
| 33) 4-Chloroaniline | 10.913 | 127 | 48475 | 17.828 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.107 | 225 | 119665 | 53.899 | ng | | 92 |
| 35) Caprolactam | 11.677 | 113 | 11374 | 16.425 | ng | # | 73 |
| 36) 4-Chloro-3-methylphenol | 12.035 | 107 | 58228 | 23.615 | ng | # | 83 |
| 37) 2-Methylnaphthalene | 12.429 | 142 | 122442 | 24.240 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.640 | 142 | 119266 | 23.298 | ng | | 95 |
| 40) 1,2,4,5-Tetrachloroben... | 12.787 | 216 | 199584 | 36.734 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.775 | 237 | 100366 | 44.946 | ng | | 88 |
| 43) 2,4,6-Trichlorophenol | 13.028 | 196 | 106712 | 31.998 | ng | | 95 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059927.D
Acq On : 1 Dec 2023 21:12
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 02 02:24:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 02:20:10 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.092 | 196 | 120751 | 32.089 | ng | # | 98 |
| 46) 1,1'-Biphenyl | 13.433 | 154 | 207450 | 19.022 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.474 | 162 | 190123 | 20.752 | ng | | 97 |
| 48) 2-Nitroaniline | 13.674 | 65 | 34751 | 15.206 | ng | | 99 |
| 49) Acenaphthylene | 14.326 | 152 | 234659 | 17.183 | ng | | 98 |
| 50) Dimethylphthalate | 14.056 | 163 | 245000 | 20.558 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 14.168 | 165 | 53269 | 25.416 | ng | | 90 |
| 52) Acenaphthene | 14.667 | 154 | 181088 | 20.723 | ng | | 95 |
| 53) 3-Nitroaniline | 14.491 | 138 | 28637 | 14.679 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 14.696 | 184 | 44207 | 41.325 | ng | # | 76 |
| 55) Dibenzofuran | 14.996 | 168 | 316853 | 22.781 | ng | | 99 |
| 56) 4-Nitrophenol | 14.790 | 139 | 25582 | 16.197 | ng | # | 79 |
| 57) 2,4-Dinitrotoluene | 14.955 | 165 | 80117 | 28.269 | ng | | 93 |
| 58) Fluorene | 15.648 | 166 | 278192 | 24.367 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.219 | 232 | 148600 | 40.467 | ng | | 98 |
| 60) Diethylphthalate | 15.419 | 149 | 209823 | 17.931 | ng | | 94 |
| 61) 4-Chlorophenyl-phenyle... | 15.642 | 204 | 243783 | 35.548 | ng | | 98 |
| 62) 4-Nitroaniline | 15.654 | 138 | 36976 | 17.478 | ng | # | 75 |
| 63) Azobenzene | 15.936 | 77 | 220884 | 19.874 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.712 | 198 | 79090 | 33.934 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.853 | 169 | 223286 | 16.051 | ng | | 94 |
| 67) 4-Bromophenyl-phenylether | 16.541 | 248 | 201315 | 29.004 | ng | | 97 |
| 68) Hexachlorobenzene | 16.647 | 284 | 220332 | 26.981 | ng | | 93 |
| 69) Atrazine | 16.799 | 200 | 130804 | 24.337 | ng | | 96 |
| 70) Pentachlorophenol | 16.987 | 266 | 149961 | 31.066 | ng | | 97 |
| 71) Phenanthrene | 17.393 | 178 | 490629 | 18.435 | ng | | 99 |
| 72) Anthracene | 17.481 | 178 | 494314 | 18.417 | ng | | 99 |
| 73) Carbazole | 17.745 | 167 | 367871 | 15.161 | ng | | 96 |
| 74) Di-n-butylphthalate | 18.321 | 149 | 295351 | 10.437 | ng | | 98 |
| 75) Fluoranthene | 19.402 | 202 | 840662 | 23.509 | ng | | 99 |
| 77) Benzidine | 19.584 | 184 | 159759 | 12.573 | ng | | 96 |
| 78) Pyrene | 19.766 | 202 | 818877 | 16.258 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.665 | 149 | 113632 | 6.906 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.599 | 228 | 994563 | 19.622 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.516 | 252 | 309309 | 18.883 | ng | | 96 |
| 83) Chrysene | 21.663 | 228 | 944308 | 19.667 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.528 | 149 | 156678 | 6.420 | ng | | 90 |
| 85) Di-n-octyl phthalate | 22.738 | 149 | 282643 | 6.749 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.448 | 276 | 1283392 | 20.082 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.796 | 252 | 1118559m | 20.760 | ng | | |
| 89) Benzo(k)fluoranthene | 23.866 | 252 | 1076585 | 20.542 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.665 | 252 | 934952 | 19.710 | ng | | 94 |
| 91) Dibenzo(a,h)anthracene | 28.525 | 278 | 1106815 | 20.637 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.594 | 276 | 1035597 | 19.599 | ng | # | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059927.D
Acq On : 1 Dec 2023 21:12
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 02 02:24:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 02:20:10 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023