Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060919.D
Acq On : 17 Apr 2024 13:51
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 18 01:52:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 01:47:49 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.947 | 152 | 40524 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.738 | 136 | 164435 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.568 | 164 | 142039 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.318 | 188 | 371535 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.578 | 240 | 358960 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.698 | 264 | 422652 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.526 | 112 | 96976 | 41.567 | ng | | 0.00 |
| 7) Phenol-d6 | 7.107 | 99 | 141233 | 42.022 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.092 | 82 | 152978 | 42.235 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.061 | 330 | 98984 | 42.183 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.194 | 172 | 402873 | 41.622 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.939 | 244 | 916409 | 44.555 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.452 | 88 | 21007 | 22.274 | ng | | 95 |
| 3) Pyridine | 3.840 | 79 | 62320m | 20.795 | ng | | |
| 4) n-Nitrosodimethylamine | 3.758 | 42 | 39599 | 20.681 | ng | | 88 |
| 6) Aniline | 7.265 | 93 | 88888 | 21.707 | ng | | 97 |
| 8) 2-Chlorophenol | 7.512 | 128 | 56138 | 21.151 | ng | | 98 |
| 9) Benzaldehyde | 7.083 | 77 | 42503 | 23.575 | ng | | 95 |
| 10) Phenol | 7.130 | 94 | 69310 | 20.577 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.365 | 93 | 54963 | 21.037 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.835 | 146 | 59857 | 21.226 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.976 | 146 | 60497 | 20.955 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.293 | 146 | 59455 | 21.178 | ng | | 93 |
| 15) Benzyl Alcohol | 8.170 | 79 | 60465 | 20.914 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.476 | 45 | 130622m | 20.687 | ng | | |
| 17) 2-Methylphenol | 8.382 | 107 | 55564 | 20.878 | ng | | 98 |
| 18) Hexachloroethane | 9.022 | 117 | 21200 | 20.680 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.740 | 70 | 53478 | 20.890 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.705 | 107 | 78501 | 21.261 | ng | | 98 |
| 22) Acetophenone | 8.758 | 105 | 98763 | 21.091 | ng | # | 98 |
| 24) Nitrobenzene | 9.134 | 77 | 76097 | 21.407 | ng | | 92 |
| 25) Isophorone | 9.662 | 82 | 143454 | 21.462 | ng | | 98 |
| 26) 2-Nitrophenol | 9.845 | 139 | 31097 | 20.823 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 9.909 | 122 | 53498 | 20.332 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 10.144 | 93 | 78370 | 20.851 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.385 | 162 | 60622 | 21.235 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.602 | 180 | 64203 | 20.981 | ng | | 99 |
| 31) Naphthalene | 10.790 | 128 | 187058 | 21.034 | ng | | 99 |
| 32) Benzoic acid | 10.009 | 122 | 46183m | 21.654 | ng | | |
| 33) 4-Chloroaniline | 10.890 | 127 | 87754 | 21.055 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.078 | 225 | 45014 | 20.692 | ng | | 94 |
| 35) Caprolactam | 11.637 | 113 | 22746 | 21.595 | ng | # | 86 |
| 36) 4-Chloro-3-methylphenol | 12.013 | 107 | 75669 | 21.931 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.394 | 142 | 143576 | 21.341 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.612 | 142 | 137089 | 21.585 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.765 | 216 | 89236 | 20.359 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.747 | 237 | 43811 | 19.548 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.000 | 196 | 61848 | 20.292 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060919.D
Acq On : 17 Apr 2024 13:51
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 18 01:52:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 01:47:49 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.070 | 196 | 76148 | 20.717 | ng | | 94 |
| 46) 1,1'-Biphenyl | 13.405 | 154 | 199910 | 20.699 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.446 | 162 | 154175 | 20.858 | ng | | 98 |
| 48) 2-Nitroaniline | 13.640 | 65 | 63259 | 20.855 | ng | | 99 |
| 49) Acenaphthylene | 14.292 | 152 | 258124 | 20.651 | ng | | 99 |
| 50) Dimethylphthalate | 14.028 | 163 | 237498 | 21.071 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.139 | 165 | 48722 | 21.209 | ng | | 95 |
| 52) Acenaphthene | 14.633 | 154 | 158992m | 20.974 | ng | | |
| 53) 3-Nitroaniline | 14.469 | 138 | 54255 | 21.514 | ng | # | 98 |
| 54) 2,4-Dinitrophenol | 14.674 | 184 | 22335 | 19.620 | ng | | 95 |
| 55) Dibenzofuran | 14.974 | 168 | 270263 | 21.105 | ng | | 98 |
| 56) 4-Nitrophenol | 14.774 | 139 | 39361 | 20.386 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.927 | 165 | 70333 | 21.425 | ng | | 99 |
| 58) Fluorene | 15.620 | 166 | 228108 | 21.475 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.197 | 232 | 71325 | 21.123 | ng | | 98 |
| 60) Diethylphthalate | 15.397 | 149 | 239918 | 21.251 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.614 | 204 | 126230 | 21.439 | ng | | 100 |
| 62) 4-Nitroaniline | 15.626 | 138 | 57632 | 21.255 | ng | | 96 |
| 63) Azobenzene | 15.908 | 77 | 225527 | 21.196 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.691 | 198 | 39724 | 19.164 | ng | | 100 |
| 66) n-Nitrosodiphenylamine | 15.826 | 169 | 213677 | 20.951 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.513 | 248 | 86548 | 20.794 | ng | | 97 |
| 68) Hexachlorobenzene | 16.625 | 284 | 94021 | 20.760 | ng | | 99 |
| 69) Atrazine | 16.778 | 200 | 79052 | 21.567 | ng | | 98 |
| 70) Pentachlorophenol | 16.966 | 266 | 62896 | 20.507 | ng | | 98 |
| 71) Phenanthrene | 17.359 | 178 | 400770 | 21.311 | ng | | 98 |
| 72) Anthracene | 17.453 | 178 | 413710 | 21.417 | ng | | 99 |
| 73) Carbazole | 17.718 | 167 | 356614 | 21.189 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.293 | 149 | 434784 | 21.458 | ng | | 99 |
| 75) Fluoranthene | 19.375 | 202 | 516864 | 21.593 | ng | | 98 |
| 77) Benzidine | 19.551 | 184 | 144818 | 18.290 | ng | | 98 |
| 78) Pyrene | 19.733 | 202 | 531640 | 21.590 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.632 | 149 | 190844 | 21.101 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 536920 | 21.182 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.478 | 252 | 191577 | 21.224 | ng | | 99 |
| 83) Chrysene | 21.625 | 228 | 509883 | 21.068 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.490 | 149 | 286281 | 21.406 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.682 | 149 | 487070 | 21.107 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.241 | 276 | 616204 | 21.083 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.716 | 252 | 499726 | 20.897 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.781 | 252 | 511895 | 20.925 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.551 | 252 | 492764 | 20.900 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.305 | 278 | 510918 | 21.237 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.339 | 276 | 479420 | 20.383 | ng | | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060919.D
Acq On : 17 Apr 2024 13:51
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 18 01:52:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 01:47:49 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024