Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035161.D
Acq On : 19 May 2022 20:22
Operator : CG/JU
Sample : N2871-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 04:56:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
P017-SS001-1824-01MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.904 | 152 | 149178 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.710 | 136 | 571846 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.545 | 164 | 320996 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.286 | 188 | 591971 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.468 | 240 | 575248 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.856 | 264 | 677830 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 952389 | 112.632 | ng | | 0.00 |
| 7) Phenol-d6 | 7.075 | 99 | 1194308 | 109.410 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.063 | 82 | 788733 | 74.483 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.033 | 330 | 380926 | 109.092 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.168 | 172 | 1597923 | 72.265 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.909 | 244 | 1949108 | 65.604 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.387 | 88 | 139198 | 40.685 | ng | | 100 |
| 3) Pyridine | 3.781 | 79 | 372642 | 39.092 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.693 | 42 | 235802 | 50.170 | ng | | 97 |
| 6) Aniline | 7.228 | 93 | 463685 | 36.980 | ng | | 99 |
| 8) 2-Chlorophenol | 7.469 | 128 | 466221 | 49.540 | ng | | 98 |
| 9) Benzaldehyde | 7.039 | 77 | 300746 | 42.331 | ng | | 99 |
| 10) Phenol | 7.104 | 94 | 544031 | 48.732 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.328 | 93 | 408914 | 48.656 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.798 | 146 | 511694 | 47.999 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.939 | 146 | 520494 | 47.707 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.257 | 146 | 499986 | 48.136 | ng | | 99 |
| 15) Benzyl Alcohol | 8.145 | 79 | 403710m | 49.489 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.439 | 45 | 617487 | 45.336 | ng | | 99 |
| 17) 2-Methylphenol | 8.351 | 107 | 366574 | 48.357 | ng | | 99 |
| 18) Hexachloroethane | 8.986 | 117 | 192310 | 48.024 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.716 | 70 | 331919 | 46.447 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 487499 | 47.001 | ng | | 99 |
| 22) Acetophenone | 8.728 | 105 | 660939 | 47.723 | ng | # | 99 |
| 24) Nitrobenzene | 9.110 | 77 | 498519 | 46.800 | ng | | 100 |
| 25) Isophorone | 9.639 | 82 | 864069 | 48.804 | ng | | 99 |
| 26) 2-Nitrophenol | 9.822 | 139 | 239610 | 51.549 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.886 | 122 | 404835 | 56.481 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.122 | 93 | 525469 | 51.572 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.357 | 162 | 411793 | 48.729 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.575 | 180 | 458848 | 47.969 | ng | | 97 |
| 31) Naphthalene | 10.757 | 128 | 1335848 | 45.284 | ng | | 99 |
| 32) Benzoic acid | 10.022 | 122 | 281939 | 49.029 | ng | | 99 |
| 33) 4-Chloroaniline | 10.863 | 127 | 164700 | 13.880 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.051 | 225 | 283533 | 48.008 | ng | | 98 |
| 35) Caprolactam | 11.651 | 113 | 114002 | 46.707 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.998 | 107 | 411902 | 47.103 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.369 | 142 | 922783 | 45.146 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.586 | 142 | 882873 | 44.231 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.739 | 216 | 475546 | 52.028 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.721 | 237 | 599332 | 109.519 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.980 | 196 | 315350 | 50.966 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035161.D
Acq On : 19 May 2022 20:22
Operator : CG/JU
Sample : N2871-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 04:56:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
P017-SS001-1824-01MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.051 | 196 | 331892 | 48.304 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.380 | 154 | 1184726 | 48.990 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.421 | 162 | 908073 | 48.184 | ng | 99 |
| 48) 2-Nitroaniline | 13.621 | 65 | 268512 | 49.528 | ng | 99 |
| 49) Acenaphthylene | 14.263 | 152 | 1449283 | 49.948 | ng | 100 |
| 50) Dimethylphthalate | 14.004 | 163 | 1105083 | 46.176 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.115 | 165 | 235565 | 48.346 | ng | 99 |
| 52) Acenaphthene | 14.610 | 154 | 888620m | 45.203 | ng | |
| 53) 3-Nitroaniline | 14.445 | 138 | 126421 | 24.183 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.651 | 184 | 100017 | 34.898 | ng | 98 |
| 55) Dibenzofuran | 14.939 | 168 | 1297235 | 46.223 | ng | 100 |
| 56) 4-Nitrophenol | 14.757 | 139 | 404452 | 94.720 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.904 | 165 | 317851 | 48.667 | ng | 97 |
| 58) Fluorene | 15.592 | 166 | 1033245 | 44.322 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.168 | 232 | 266138 | 45.562 | ng | 98 |
| 60) Diethylphthalate | 15.368 | 149 | 1077431 | 44.202 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.586 | 204 | 522914 | 46.870 | ng | 98 |
| 62) 4-Nitroaniline | 15.604 | 138 | 219529 | 40.554 | ng | 98 |
| 63) Azobenzene | 15.880 | 77 | 984282 | 44.274 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.668 | 198 | 76005 | 21.478 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.798 | 169 | 889415 | 49.576 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.480 | 248 | 302766 | 50.315 | ng | 98 |
| 68) Hexachlorobenzene | 16.598 | 284 | 332778 | 48.984 | ng | 97 |
| 69) Atrazine | 16.751 | 200 | 297506 | 49.394 | ng | 99 |
| 70) Pentachlorophenol | 16.939 | 266 | 452029 | 106.194 | ng | 99 |
| 71) Phenanthrene | 17.327 | 178 | 1502104 | 45.529 | ng | 99 |
| 72) Anthracene | 17.421 | 178 | 1529999 | 48.027 | ng | 99 |
| 73) Carbazole | 17.692 | 167 | 1384288 | 47.578 | ng | 99 |
| 74) Di-n-butylphthalate | 18.262 | 149 | 1736146 | 46.899 | ng | 99 |
| 75) Fluoranthene | 19.345 | 202 | 1650991 | 45.573 | ng | 99 |
| 77) Benzidine | 19.527 | 184 | 770367 | 43.837 | ng | 100 |
| 78) Pyrene | 19.703 | 202 | 1702709 | 44.760 | ng | 99 |
| 80) Butylbenzylphthalate | 20.609 | 149 | 761572 | 45.609 | ng | 97 |
| 81) Benzo(a)anthracene | 21.456 | 228 | 1819913 | 47.413 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.386 | 252 | 536841 | 47.985 | ng | 99 |
| 83) Chrysene | 21.509 | 228 | 1678418 | 45.779 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.391 | 149 | 1131567 | 44.071 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.315 | 149 | 2008775 | 47.457 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.344 | 276 | 2430859 | 47.169 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.133 | 252 | 1997460 | 46.853 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.185 | 252 | 1992931 | 46.179 | ng | 99 |
| 90) Benzo(a)pyrene | 23.756 | 252 | 1987480 | 56.114 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.356 | 278 | 2130634 | 49.287 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.097 | 276 | 2090921 | 50.339 | ng | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035161.D
Acq On : 19 May 2022 20:22
Operator : CG/JU
Sample : N2871-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 20 04:56:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
P017-SS001-1824-01MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022