Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
Data File : BM045740.D
Acq On : 22 May 2024 12:01
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 23 04:03:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:54:49 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.569 | 152 | 259903 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.339 | 136 | 1135771 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.198 | 164 | 766052 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.945 | 188 | 1610578 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.162 | 240 | 1488070 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.956 | 264 | 1730455 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.252 | 112 | 294910 | 20.230 | ng | | 0.00 |
| 7) Phenol-d6 | 6.840 | 99 | 400920 | 20.485 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.734 | 82 | 411443 | 19.706 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.704 | 330 | 148759 | 18.334 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.827 | 172 | 974042 | 20.436 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.586 | 244 | 1601452 | 19.808 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.205 | 88 | 62647 | 10.354 | ng | | 99 |
| 3) Pyridine | 3.634 | 79 | 165237m | 10.123 | ng | | |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 93197 | 9.968 | ng | # | 98 |
| 6) Aniline | 6.951 | 93 | 190240 | 10.163 | ng | | 99 |
| 8) 2-Chlorophenol | 7.175 | 128 | 162550 | 10.181 | ng | | 96 |
| 9) Benzaldehyde | 6.751 | 77 | 138297 | 11.600 | ng | | 97 |
| 10) Phenol | 6.869 | 94 | 204109 | 10.320 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.034 | 93 | 171023 | 9.977 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.457 | 146 | 191324 | 10.055 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.604 | 146 | 193750 | 10.097 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.922 | 146 | 184265 | 10.278 | ng | | 98 |
| 15) Benzyl Alcohol | 7.869 | 79 | 147900 | 9.677 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.116 | 45 | 272177m | 10.231 | ng | | |
| 17) 2-Methylphenol | 8.087 | 107 | 135040 | 9.849 | ng | | 98 |
| 18) Hexachloroethane | 8.640 | 117 | 73235 | 9.832 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.410 | 70 | 141072 | 10.253 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.422 | 107 | 186112 | 10.194 | ng | # | 82 |
| 22) Acetophenone | 8.422 | 105 | 271655 | 10.342 | ng | # | 98 |
| 24) Nitrobenzene | 8.781 | 77 | 210124 | 9.895 | ng | | 100 |
| 25) Isophorone | 9.328 | 82 | 374561 | 9.637 | ng | | 97 |
| 26) 2-Nitrophenol | 9.487 | 139 | 68793 | 9.737 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.592 | 122 | 113121 | 9.543 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.804 | 93 | 235696 | 9.849 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.034 | 162 | 151740 | 9.360 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.198 | 180 | 178905 | 9.746 | ng | | 97 |
| 31) Naphthalene | 10.392 | 128 | 568730 | 10.107 | ng | | 100 |
| 32) Benzoic acid | 9.763 | 122 | 66248 | 11.382 | ng | | 98 |
| 33) 4-Chloroaniline | 10.563 | 127 | 209743 | 9.765 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.681 | 225 | 110061 | 9.780 | ng | | 98 |
| 35) Caprolactam | 11.463 | 113 | 44875m | 8.561 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.710 | 107 | 177003 | 9.602 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.004 | 142 | 396657 | 10.120 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.228 | 142 | 388484 | 10.046 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.369 | 216 | 189941 | 9.614 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.363 | 237 | 74703 | 9.035 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.651 | 196 | 117849 | 8.839 | ng | | 95 |

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Acq On : 22 May 2024 12:01
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 04:03:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:54:49 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.739 | 196 | 132310 | 8.916 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.039 | 154 | 518266 | 10.037 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.069 | 162 | 403392 | 9.982 | ng | | 99 |
| 48) 2-Nitroaniline | 13.322 | 65 | 106647 | 8.364 | ng | | 97 |
| 49) Acenaphthylene | 13.922 | 152 | 610889 | 9.969 | ng | | 100 |
| 50) Dimethylphthalate | 13.704 | 163 | 500316 | 9.655 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.804 | 165 | 99589 | 8.955 | ng | | 96 |
| 52) Acenaphthene | 14.269 | 154 | 380492 | 9.906 | ng | | 98 |
| 53) 3-Nitroaniline | 14.163 | 138 | 96335 | 8.493 | ng | # | 98 |
| 54) 2,4-Dinitrophenol | 14.339 | 184 | 28878 | 12.096 | ng | | 98 |
| 55) Dibenzofuran | 14.604 | 168 | 615801 | 10.169 | ng | | 100 |
| 56) 4-Nitrophenol | 14.539 | 139 | 70788 | 7.340 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 14.592 | 165 | 126744 | 8.582 | ng | | 96 |
| 58) Fluorene | 15.257 | 166 | 509322 | 10.291 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.857 | 232 | 114361m | 9.269 | ng | | |
| 60) Diethylphthalate | 15.069 | 149 | 522157 | 9.644 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.257 | 204 | 246822 | 10.191 | ng | | 99 |
| 62) 4-Nitroaniline | 15.333 | 138 | 95951 | 8.516 | ng | | 93 |
| 63) Azobenzene | 15.551 | 77 | 529542 | 10.093 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.351 | 198 | 48530 | 10.283 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.480 | 169 | 419586 | 10.176 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.151 | 248 | 150293 | 9.822 | ng | | 97 |
| 68) Hexachlorobenzene | 16.251 | 284 | 181428 | 9.953 | ng | | 99 |
| 69) Atrazine | 16.457 | 200 | 134972 | 10.720 | ng | | 98 |
| 70) Pentachlorophenol | 16.621 | 266 | 93937 | 8.447 | ng | | 98 |
| 71) Phenanthrene | 16.986 | 178 | 785523 | 10.333 | ng | | 100 |
| 72) Anthracene | 17.080 | 178 | 764057 | 10.223 | ng | | 100 |
| 73) Carbazole | 17.374 | 167 | 761438 | 10.182 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.939 | 149 | 902814 | 9.722 | ng | | 100 |
| 75) Fluoranthene | 19.004 | 202 | 941382 | 10.156 | ng | | 99 |
| 77) Benzidine | 19.227 | 184 | 178064 | 7.007 | ng | | 98 |
| 78) Pyrene | 19.368 | 202 | 996020 | 9.488 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.298 | 149 | 393602 | 8.656 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.145 | 228 | 924127 | 9.750 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.092 | 252 | 307329 | 9.462 | ng | | 99 |
| 83) Chrysene | 21.203 | 228 | 878290 | 9.879 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.092 | 149 | 592334 | 9.277 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.150 | 149 | 1016828 | 9.132 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 27.050 | 276 | 997114 | 10.014 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.080 | 252 | 973247 | 9.918 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.133 | 252 | 896355 | 9.623 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.821 | 252 | 816459 | 9.575 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 27.103 | 278 | 830939 | 10.074 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 28.009 | 276 | 859662 | 10.047 | ng | | 99 |

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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