Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045708.D
Acq On : 08 May 2024 11:37
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 14:54:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 14:48:54 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.645 | 152 | 656036 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.416 | 136 | 3006276 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.280 | 164 | 1878142 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.027 | 188 | 3806462 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.215 | 240 | 3436409 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.415 | 264 | 3990039 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.257 | 112 | 1589336 | 40.285 | ng | | 0.00 |
| 7) Phenol-d6 | 6.816 | 99 | 2167369 | 40.516 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.786 | 82 | 2151960 | 40.980 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.768 | 330 | 745650 | 40.529 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.904 | 172 | 4996844 | 43.296 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.674 | 244 | 8023136 | 43.893 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.228 | 88 | 302864 | 20.201 | ng | | 100 |
| 3) Pyridine | 3.599 | 79 | 881640 | 19.888 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.522 | 42 | 474775 | 20.460 | ng | # | 99 |
| 6) Aniline | 6.975 | 93 | 1084455 | 20.449 | ng | | 100 |
| 8) 2-Chlorophenol | 7.210 | 128 | 895131 | 20.475 | ng | | 99 |
| 9) Benzaldehyde | 6.792 | 77 | 670576 | 21.460 | ng | | 98 |
| 10) Phenol | 6.840 | 94 | 1099223 | 20.354 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.081 | 93 | 933958 | 20.404 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.534 | 146 | 1011647 | 20.613 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.681 | 146 | 1012350 | 20.369 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.992 | 146 | 984302 | 20.706 | ng | | 99 |
| 15) Benzyl Alcohol | 7.881 | 79 | 772625 | 20.407 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.181 | 45 | 1470735 | 20.838 | ng | | 99 |
| 17) 2-Methylphenol | 8.081 | 107 | 752687 | 20.515 | ng | | 98 |
| 18) Hexachloroethane | 8.716 | 117 | 396651 | 20.525 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.451 | 70 | 764721 | 20.823 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.404 | 107 | 1051301 | 20.518 | ng | | 99 |
| 22) Acetophenone | 8.457 | 105 | 1486548 | 20.769 | ng | | 99 |
| 24) Nitrobenzene | 8.828 | 77 | 1074415 | 20.555 | ng | | 99 |
| 25) Isophorone | 9.357 | 82 | 2167936 | 20.676 | ng | | 100 |
| 26) 2-Nitrophenol | 9.533 | 139 | 357787 | 19.340 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 9.604 | 122 | 648378 | 20.450 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.845 | 93 | 1315150 | 20.535 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.063 | 162 | 793541 | 20.072 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.286 | 180 | 909796 | 20.346 | ng | | 99 |
| 31) Naphthalene | 10.469 | 128 | 3136564 | 20.646 | ng | | 99 |
| 32) Benzoic acid | 9.704 | 122 | 423696m | 20.359 | ng | | |
| 33) 4-Chloroaniline | 10.575 | 127 | 1224208 | 20.306 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.769 | 225 | 522429 | 20.475 | ng | | 99 |
| 35) Caprolactam | 11.327 | 113 | 297898 | 19.960 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.704 | 107 | 940371 | 20.223 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.086 | 142 | 2116278 | 20.365 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.310 | 142 | 2103781 | 20.478 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.457 | 216 | 945168 | 20.410 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.451 | 237 | 331044 | 20.238 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.698 | 196 | 595868 | 19.903 | ng | | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045708.D
Acq On : 08 May 2024 11:37
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 14:54:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 14:48:54 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.769 | 196 | 674212 | 20.245 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.116 | 154 | 2679898 | 20.575 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.145 | 162 | 2101107 | 20.598 | ng | 99 |
| 48) 2-Nitroaniline | 13.345 | 65 | 541190 | 19.793 | ng | 99 |
| 49) Acenaphthylene | 13.998 | 152 | 3225935 | 20.705 | ng | 98 |
| 50) Dimethylphthalate | 13.751 | 163 | 2616252 | 20.424 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.857 | 165 | 517229 | 20.148 | ng | 97 |
| 52) Acenaphthene | 14.345 | 154 | 2015408m | 20.507 | ng | |
| 53) 3-Nitroaniline | 14.174 | 138 | 576637 | 20.042 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.380 | 184 | 120193 | 20.380 | ng | 97 |
| 55) Dibenzofuran | 14.680 | 168 | 3086949 | 20.691 | ng | 100 |
| 56) 4-Nitrophenol | 14.480 | 139 | 465058 | 19.901 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.639 | 165 | 676503 | 19.997 | ng | 97 |
| 58) Fluorene | 15.333 | 166 | 2595530 | 20.516 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.904 | 232 | 557071 | 20.281 | ng | 99 |
| 60) Diethylphthalate | 15.133 | 149 | 2851374 | 20.528 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.339 | 204 | 1228983 | 20.500 | ng | 99 |
| 62) 4-Nitroaniline | 15.339 | 138 | 635017 | 20.285 | ng | 99 |
| 63) Azobenzene | 15.633 | 77 | 2808791 | 20.798 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.404 | 198 | 201181 | 20.116 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.551 | 169 | 2153944 | 20.675 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.233 | 248 | 744896 | 20.510 | ng | 97 |
| 68) Hexachlorobenzene | 16.333 | 284 | 866565 | 20.466 | ng | 97 |
| 69) Atrazine | 16.509 | 200 | 680742 | 21.546 | ng | 98 |
| 70) Pentachlorophenol | 16.674 | 266 | 517804 | 19.531 | ng | 97 |
| 71) Phenanthrene | 17.068 | 178 | 3794128 | 21.075 | ng | 99 |
| 72) Anthracene | 17.157 | 178 | 3776306 | 21.018 | ng | 100 |
| 73) Carbazole | 17.427 | 167 | 3858148 | 21.126 | ng | 100 |
| 74) Di-n-butylphthalate | 18.033 | 149 | 5141893 | 22.801 | ng | 100 |
| 75) Fluoranthene | 19.086 | 202 | 4540043 | 21.600 | ng | 99 |
| 77) Benzidine | 19.274 | 184 | 850243 | 8.618 | ng | 98 |
| 78) Pyrene | 19.450 | 202 | 4777329 | 21.603 | ng | 99 |
| 80) Butylbenzylphthalate | 20.386 | 149 | 1982506 | 19.854 | ng | 99 |
| 81) Benzo(a)anthracene | 21.203 | 228 | 4588358 | 21.348 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.139 | 252 | 1599932 | 19.974 | ng | 99 |
| 83) Chrysene | 21.256 | 228 | 4236855 | 21.431 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.186 | 149 | 3338977 | 21.278 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.068 | 149 | 5646017 | 23.148 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.621 | 276 | 5337258 | 20.862 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.762 | 252 | 4823683 | 20.640 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.809 | 252 | 4523103 | 20.455 | ng | 98 |
| 90) Benzo(a)pyrene | 23.321 | 252 | 4162211 | 20.278 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.638 | 278 | 4426957 | 20.856 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.285 | 276 | 4365113 | 21.053 | ng | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045708.D
Acq On : 08 May 2024 11:37
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 14:54:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 14:48:54 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024