Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047142.D
Acq On : 10 Aug 2024 14:31
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 11 23:32:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.375 | 152 | 292955 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.128 | 136 | 1186627 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.033 | 164 | 788651 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.792 | 188 | 1690400 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.027 | 240 | 1593166 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.727 | 264 | 1901592 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.022 | 112 | 346900 | 21.159 | ng | | 0.00 |
| 7) Phenol-d6 | 6.581 | 99 | 468308 | 20.730 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.522 | 82 | 494443 | 20.981 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.539 | 330 | 183466 | 20.063 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.639 | 172 | 1057713 | 20.688 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.456 | 244 | 1459931 | 19.636 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.040 | 88 | 71740 | 10.561 | ng | | 99 |
| 3) Pyridine | 3.416 | 79 | 203646 | 10.230 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.334 | 42 | 89658 | 10.302 | ng | # | 99 |
| 6) Aniline | 6.722 | 93 | 222003 | 10.397 | ng | | 99 |
| 8) 2-Chlorophenol | 6.951 | 128 | 186177 | 10.412 | ng | | 98 |
| 9) Benzaldehyde | 6.540 | 77 | 153438 | 9.573 | ng | | 99 |
| 10) Phenol | 6.604 | 94 | 234318 | 10.395 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.822 | 93 | 199316 | 10.325 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.263 | 146 | 220661 | 10.384 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.410 | 146 | 224423 | 10.431 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.716 | 146 | 215097 | 10.596 | ng | | 98 |
| 15) Benzyl Alcohol | 7.628 | 79 | 157264 | 9.781 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.910 | 45 | 260329 | 10.497 | ng | | 98 |
| 17) 2-Methylphenol | 7.834 | 107 | 154501 | 10.274 | ng | | 99 |
| 18) Hexachloroethane | 8.428 | 117 | 84578 | 10.149 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.181 | 70 | 160456 | 10.544 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.157 | 107 | 211260 | 10.048 | ng | | 98 |
| 22) Acetophenone | 8.192 | 105 | 306786 | 10.711 | ng | | 98 |
| 24) Nitrobenzene | 8.563 | 77 | 253056 | 10.664 | ng | | 99 |
| 25) Isophorone | 9.086 | 82 | 418965 | 10.211 | ng | | 100 |
| 26) 2-Nitrophenol | 9.263 | 139 | 98575 | 9.380 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.345 | 122 | 123790 | 10.056 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.575 | 93 | 273307 | 10.586 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.792 | 162 | 178052 | 9.748 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 9.998 | 180 | 208733 | 10.098 | ng | | 98 |
| 31) Naphthalene | 10.181 | 128 | 617578 | 10.447 | ng | | 99 |
| 32) Benzoic acid | 9.457 | 122 | 125871 | 8.752 | ng | | 96 |
| 33) 4-Chloroaniline | 10.304 | 127 | 233198 | 10.258 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.469 | 225 | 118512 | 9.795 | ng | | 99 |
| 35) Caprolactam | 11.086 | 113 | 61384 | 9.677 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.451 | 107 | 192243 | 9.883 | ng | | 94 |
| 37) 2-Methylnaphthalene | 11.804 | 142 | 433416 | 10.298 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.027 | 142 | 430690 | 10.354 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.186 | 216 | 209468 | 9.738 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.163 | 237 | 70782 | 9.423 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 12.445 | 196 | 146662 | 9.593 | ng | | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.522 | 196 | 161605 | 9.520 | ng | 98 |
| 46) 1,1'-Biphenyl | 12.851 | 154 | 584326 | 10.407 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.886 | 162 | 460927 | 10.503 | ng | 99 |
| 48) 2-Nitroaniline | 13.110 | 65 | 136444 | 9.925 | ng | 95 |
| 49) Acenaphthylene | 13.745 | 152 | 669998 | 10.358 | ng | 100 |
| 50) Dimethylphthalate | 13.510 | 163 | 565056 | 10.259 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.621 | 165 | 128162 | 9.954 | ng | 95 |
| 52) Acenaphthene | 14.098 | 154 | 425366 | 10.367 | ng | 98 |
| 53) 3-Nitroaniline | 13.957 | 138 | 124808 | 9.674 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.174 | 184 | 60036 | 7.780 | ng | 96 |
| 55) Dibenzofuran | 14.439 | 168 | 682447 | 10.530 | ng | 99 |
| 56) 4-Nitrophenol | 14.292 | 139 | 105813 | 9.511 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.421 | 165 | 171542 | 9.982 | ng | 92 |
| 58) Fluorene | 15.092 | 166 | 562937 | 10.527 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.674 | 232 | 135880 | 9.739 | ng | 96 |
| 60) Diethylphthalate | 14.892 | 149 | 586005 | 10.418 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.098 | 204 | 261449 | 10.269 | ng | 98 |
| 62) 4-Nitroaniline | 15.127 | 138 | 127938m | 10.065 | ng | |
| 63) Azobenzene | 15.392 | 77 | 569823 | 10.685 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.192 | 198 | 90017 | 9.095 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.315 | 169 | 473749 | 10.289 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 15.992 | 248 | 160370 | 9.845 | ng | 95 |
| 68) Hexachlorobenzene | 16.098 | 284 | 198141 | 10.157 | ng | 97 |
| 69) Atrazine | 16.286 | 200 | 157170 | 11.344 | ng | 98 |
| 70) Pentachlorophenol | 16.451 | 266 | 128691 | 9.411 | ng | 99 |
| 71) Phenanthrene | 16.833 | 178 | 874873 | 10.313 | ng | 99 |
| 72) Anthracene | 16.927 | 178 | 845520 | 10.243 | ng | 99 |
| 73) Carbazole | 17.204 | 167 | 879612 | 10.437 | ng | 99 |
| 74) Di-n-butylphthalate | 17.792 | 149 | 1003294 | 10.231 | ng | 100 |
| 75) Fluoranthene | 18.868 | 202 | 1047590 | 10.152 | ng | 99 |
| 77) Benzidine | 19.074 | 184 | 151348 | 5.602 | ng | 100 |
| 78) Pyrene | 19.233 | 202 | 1113925 | 9.792 | ng | 99 |
| 80) Butylbenzylphthalate | 20.174 | 149 | 439513 | 9.467 | ng | 99 |
| 81) Benzo(a)anthracene | 21.009 | 228 | 1060395 | 10.026 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.950 | 252 | 311004 | 9.398 | ng | 99 |
| 83) Chrysene | 21.068 | 228 | 1022315 | 10.188 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 20.974 | 149 | 643719 | 9.777 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.003 | 149 | 1048294 | 9.368 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.715 | 276 | 1216673 | 9.899 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.880 | 252 | 1140578 | 10.100 | ng | 98 |
| 89) Benzo(k)fluoranthene | 22.933 | 252 | 1078126 | 10.108 | ng | 99 |
| 90) Benzo(a)pyrene | 23.597 | 252 | 965036 | 9.865 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.756 | 278 | 999745 | 10.051 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.644 | 276 | 1029079 | 9.964 | ng | 99 |

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

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