Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043903.D
Acq On : 25 Jan 2024 14:44
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 26 00:34:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 00:26:01 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.922 | 152 | 269004 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.728 | 136 | 1090931 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.568 | 164 | 628815 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.321 | 188 | 1276715 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.521 | 240 | 1282016 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.933 | 264 | 1387348 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.493 | 112 | 2119107 | 127.271 | ng | | 0.00 |
| 7) Phenol-d6 | 7.087 | 99 | 2733311 | 126.441 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.098 | 82 | 2636886 | 129.437 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.062 | 330 | 956706 | 130.805 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.198 | 172 | 6008405 | 124.126 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.962 | 244 | 9193888 | 122.348 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 461547 | 60.059 | ng | | 99 |
| 3) Pyridine | 3.787 | 79 | 1168078m | 62.289 | ng | | |
| 4) n-Nitrosodimethylamine | 3.710 | 42 | 559255 | 61.829 | ng | | 96 |
| 6) Aniline | 7.257 | 93 | 1624338 | 61.943 | ng | | 98 |
| 8) 2-Chlorophenol | 7.481 | 128 | 1132596 | 64.441 | ng | | 100 |
| 9) Benzaldehyde | 7.069 | 77 | 596668m | 54.164 | ng | | |
| 10) Phenol | 7.116 | 94 | 1428363 | 62.511 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.357 | 93 | 1156873 | 61.702 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.810 | 146 | 1281140 | 61.084 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.957 | 146 | 1302360 | 61.125 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.275 | 146 | 1245884 | 61.043 | ng | | 99 |
| 15) Benzyl Alcohol | 8.169 | 79 | 989305 | 63.606 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.451 | 45 | 1756165 | 60.948 | ng | | 100 |
| 17) 2-Methylphenol | 8.369 | 107 | 922182 | 63.234 | ng | | 100 |
| 18) Hexachloroethane | 8.998 | 117 | 483653 | 62.910 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.745 | 70 | 945743 | 61.601 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.704 | 107 | 1230675 | 63.782 | ng | | 97 |
| 22) Acetophenone | 8.757 | 105 | 1778680 | 61.036 | ng | # | 98 |
| 24) Nitrobenzene | 9.139 | 77 | 1263948 | 63.670 | ng | | 99 |
| 25) Isophorone | 9.663 | 82 | 2436527 | 60.901 | ng | | 99 |
| 26) 2-Nitrophenol | 9.845 | 139 | 451263 | 60.707 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.904 | 122 | 834904 | 64.187 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.157 | 93 | 1517802 | 62.101 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.375 | 162 | 1002463 | 66.682 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.586 | 180 | 1150795 | 61.437 | ng | | 100 |
| 31) Naphthalene | 10.780 | 128 | 3567580 | 60.847 | ng | | 99 |
| 32) Benzoic acid | 10.051 | 122 | 442271 | 60.126 | ng | | 98 |
| 33) 4-Chloroaniline | 10.898 | 127 | 1495627 | 61.354 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.051 | 225 | 664135 | 61.659 | ng | | 99 |
| 35) Caprolactam | 11.686 | 113 | 329959 | 67.080 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.016 | 107 | 1031985 | 64.441 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.392 | 142 | 2476614 | 61.011 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.610 | 142 | 2296455 | 60.821 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.751 | 216 | 1258912 | 62.221 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.727 | 237 | 525819 | 71.270 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.998 | 196 | 754155 | 69.769 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.063 | 196 | 819430 | 69.076 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.404 | 154 | 3128424 | 61.354 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.445 | 162 | 2415815 | 61.600 | ng | 99 |
| 48) 2-Nitroaniline | 13.657 | 65 | 655070 | 60.522 | ng | 93 |
| 49) Acenaphthylene | 14.292 | 152 | 3962785 | 61.778 | ng | 100 |
| 50) Dimethylphthalate | 14.039 | 163 | 2836777 | 61.501 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.157 | 165 | 569567 | 60.420 | ng | 99 |
| 52) Acenaphthene | 14.633 | 154 | 2255449 | 61.624 | ng | 100 |
| 53) 3-Nitroaniline | 14.486 | 138 | 656693 | 60.381 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.686 | 184 | 166384 | 60.290 | ng | 98 |
| 55) Dibenzofuran | 14.968 | 168 | 3538854 | 60.767 | ng | 100 |
| 56) 4-Nitrophenol | 14.780 | 139 | 521293 | 60.207 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.939 | 165 | 771270 | 60.289 | ng | 98 |
| 58) Fluorene | 15.615 | 166 | 2990087 | 61.872 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232 | 700733 | 60.496 | ng | 99 |
| 60) Diethylphthalate | 15.410 | 149 | 2895616 | 61.685 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.621 | 204 | 1474928 | 61.646 | ng | 100 |
| 62) 4-Nitroaniline | 15.651 | 138 | 690273 | 60.158 | ng | 98 |
| 63) Azobenzene | 15.915 | 77 | 3003672 | 60.744 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 198 | 279854 | 60.969 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.839 | 169 | 2515541 | 62.946 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.515 | 248 | 885751 | 61.807 | ng | 98 |
| 68) Hexachlorobenzene | 16.610 | 284 | 1018776 | 61.739 | ng | 98 |
| 69) Atrazine | 16.798 | 200 | 816657 | 65.669 | ng | 98 |
| 70) Pentachlorophenol | 16.962 | 266 | 565986 | 60.364 | ng | 98 |
| 71) Phenanthrene | 17.362 | 178 | 4424198 | 61.899 | ng | 100 |
| 72) Anthracene | 17.457 | 178 | 4561121 | 62.655 | ng | 99 |
| 73) Carbazole | 17.727 | 167 | 4230148 | 62.986 | ng | 100 |
| 74) Di-n-butylphthalate | 18.309 | 149 | 5089412 | 65.901 | ng | 100 |
| 75) Fluoranthene | 19.380 | 202 | 5117178 | 62.728 | ng | 100 |
| 77) Benzidine | 19.580 | 184 | 1783199 | 64.013 | ng | 100 |
| 78) Pyrene | 19.745 | 202 | 5412375 | 61.746 | ng | 100 |
| 80) Butylbenzylphthalate | 20.674 | 149 | 2002725 | 60.175 | ng | 99 |
| 81) Benzo(a)anthracene | 21.503 | 228 | 5558489 | 61.329 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.444 | 252 | 1864673 | 66.925 | ng | 100 |
| 83) Chrysene | 21.556 | 228 | 5175693 | 60.856 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.462 | 149 | 3442308 | 60.942 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.409 | 149 | 5487449 | 67.092 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.456 | 276 | 6628079 | 63.746 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.203 | 252 | 5422775 | 62.958 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.256 | 252 | 5506883 | 63.313 | ng | 100 |
| 90) Benzo(a)pyrene | 23.833 | 252 | 5060218 | 63.474 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.479 | 278 | 5415767 | 63.871 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 27.221 | 276 | 4983255 | 63.069 | ng | 99 |

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

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