Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
Data File : BM038503.D
Acq On : 20 Jan 2023 17:14
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM012023

Quant Time: Jan 20 17:50:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 17:18:28 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 74634 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.781 | 136 | 254900 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.604 | 164 | 164427 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.345 | 188 | 370656 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.521 | 240 | 382768 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.933 | 264 | 443043 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 355393 | 78.719 | ng | 0.00 |
| 7) Phenol-d6 | 7.134 | 99 | 454517 | 78.906 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.145 | 82 | 464412 | 79.118 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.092 | 330 | 211416 | 89.288 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.233 | 172 | 1106560 | 82.899 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.962 | 244 | 1626537 | 82.843 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.375 | 88 | 76525 | 36.235 | ng | 98 |
| 3) Pyridine | 3.787 | 79 | 184622 | 34.577 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.705 | 42 | 83554 | 32.167 | ng | 97 |
| 6) Aniline | 7.298 | 93 | 278987 | 39.019 | ng | 99 |
| 8) 2-Chlorophenol | 7.528 | 128 | 186244 | 40.382 | ng | 98 |
| 9) Benzaldehyde | 7.110 | 77 | 131611 | 37.653 | ng | 96 |
| 10) Phenol | 7.157 | 94 | 224413 | 38.988 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.393 | 93 | 173951 | 38.303 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.857 | 146 | 211448 | 40.328 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 8.004 | 146 | 215716 | 40.718 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.322 | 146 | 209802 | 40.885 | ng | 99 |
| 15) Benzyl Alcohol | 8.216 | 79 | 170122 | 39.500 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.504 | 45 | 177444 | 37.024 | ng | 98 |
| 17) 2-Methylphenol | 8.416 | 107 | 163954 | 40.245 | ng | 98 |
| 18) Hexachloroethane | 9.045 | 117 | 80127 | 40.683 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.781 | 70 | 152737 | 38.826 | ng | 97 |
| 20) 3+4-Methylphenols | 8.745 | 107 | 218775 | 40.068 | ng | 96 |
| 22) Acetophenone | 8.804 | 105 | 280151 | 39.896 | ng | 99 |
| 24) Nitrobenzene | 9.187 | 77 | 232339 | 39.119 | ng | 96 |
| 25) Isophorone | 9.710 | 82 | 387936 | 40.047 | ng | 99 |
| 26) 2-Nitrophenol | 9.898 | 139 | 101776 | 43.171 | ng | 93 |
| 27) 2,4-Dimethylphenol | 9.951 | 122 | 163963 | 41.790 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.192 | 93 | 229080 | 40.425 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.428 | 162 | 193858 | 42.116 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.645 | 180 | 221674 | 42.112 | ng | 98 |
| 31) Naphthalene | 10.834 | 128 | 566520 | 40.911 | ng | 99 |
| 32) Benzoic acid | 10.092 | 122 | 117931 | 39.505 | ng | 96 |
| 33) 4-Chloroaniline | 10.951 | 127 | 245490 | 42.473 | ng | 96 |
| 34) Hexachlorobutadiene | 11.104 | 225 | 145212 | 41.938 | ng | 97 |
| 35) Caprolactam | 11.745 | 113 | 47457 | 42.526 | ng | 92 |
| 36) 4-Chloro-3-methylphenol | 12.069 | 107 | 173000 | 41.331 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.433 | 142 | 418001 | 42.003 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.657 | 142 | 392092 | 41.776 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.804 | 216 | 260955 | 42.190 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.775 | 237 | 152449 | 44.845 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 13.045 | 196 | 167912 | 42.408 | ng | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.116 | 196 | 196913 | 42.462 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.439 | 154 | 547468 | 41.574 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.486 | 162 | 426199 | 41.461 | ng | 98 |
| 48) 2-Nitroaniline | 13.698 | 65 | 123810 | 41.012 | ng | 93 |
| 49) Acenaphthylene | 14.327 | 152 | 669666 | 41.638 | ng | 99 |
| 50) Dimethylphthalate | 14.069 | 163 | 529463 | 41.831 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.192 | 165 | 113392 | 42.569 | ng | 98 |
| 52) Acenaphthene | 14.669 | 154 | 402916 | 41.078 | ng | 99 |
| 53) 3-Nitroaniline | 14.522 | 138 | 114782 | 43.362 | ng | 95 |
| 54) 2,4-Dinitrophenol | 14.733 | 184 | 77644 | 39.819 | ng | 97 |
| 55) Dibenzofuran | 15.004 | 168 | 675847 | 41.213 | ng | 99 |
| 56) 4-Nitrophenol | 14.822 | 139 | 89046 | 40.849 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.974 | 165 | 155865 | 43.166 | ng | 100 |
| 58) Fluorene | 15.651 | 166 | 551180 | 41.449 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.227 | 232 | 160567 | 42.359 | ng | 100 |
| 60) Diethylphthalate | 15.421 | 149 | 512318 | 41.332 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.639 | 204 | 287238 | 41.142 | ng | 98 |
| 62) 4-Nitroaniline | 15.680 | 138 | 115504 | 38.543 | ng | 97 |
| 63) Azobenzene | 15.933 | 77 | 511426 | 38.943 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 198 | 103945 | 43.203 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.857 | 169 | 465830 | 41.864 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.533 | 248 | 177554 | 43.186 | ng | 100 |
| 68) Hexachlorobenzene | 16.651 | 284 | 194674 | 43.880 | ng | 97 |
| 69) Atrazine | 16.810 | 200 | 160226 | 43.160 | ng | 97 |
| 70) Pentachlorophenol | 16.998 | 266 | 143424 | 45.444 | ng | 98 |
| 71) Phenanthrene | 17.386 | 178 | 847692 | 40.953 | ng | 99 |
| 72) Anthracene | 17.480 | 178 | 871133 | 41.360 | ng | 100 |
| 73) Carbazole | 17.757 | 167 | 774204 | 41.740 | ng | 99 |
| 74) Di-n-butylphthalate | 18.304 | 149 | 853345 | 41.876 | ng | 100 |
| 75) Fluoranthene | 19.398 | 202 | 1041291 | 41.857 | ng | 99 |
| 77) Benzidine | 19.586 | 184 | 385024 | 44.392 | ng | 99 |
| 78) Pyrene | 19.762 | 202 | 1102836 | 41.379 | ng | 99 |
| 80) Butylbenzylphthalate | 20.651 | 149 | 391435 | 42.472 | ng | 98 |
| 81) Benzo(a)anthracene | 21.503 | 228 | 1127059 | 41.555 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.439 | 252 | 377558 | 43.338 | ng | 99 |
| 83) Chrysene | 21.562 | 228 | 1093128 | 41.213 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.415 | 149 | 572795 | 42.885 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.345 | 149 | 985932 | 41.513 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.462 | 276 | 1353633 | 41.289 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.197 | 252 | 1113492 | 41.663 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.244 | 252 | 1159685 | 41.935 | ng | 99 |
| 90) Benzo(a)pyrene | 23.833 | 252 | 1104239 | 41.674 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.474 | 278 | 1127812 | 41.329 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 27.238 | 276 | 1167537 | 41.769 | ng | 98 |

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

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