Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028481.D
Acq On : 21 Jan 2021 10:06
Operator : CG/JU
Sample : PB134193BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB134193BS

Quant Time: Jan 21 10:40:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.028 | 152 | 43565 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.851 | 136 | 188002 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.675 | 164 | 102189 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.398 | 188 | 175267 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.527 | 240 | 127840 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.815 | 264 | 115019 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.552 | 112 | 360621 | 130.76 | ng | | 0.00 |
| 7) Phenol-d6 | 7.199 | 99 | 462649 | 123.21 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 9.210 | 82 | 291699 | 73.59 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.157 | 330 | 148344 | 109.56 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.298 | 172 | 640844 | 78.68 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.992 | 244 | 580835 | 82.05 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 34283 | 30.98 | ng | # | 65 |
| 3) Pyridine | 3.763 | 79 | 103769 | 33.88 | ng | # | 49 |
| 4) n-Nitrosodimethylamine | 3.669 | 42 | 69763 | 39.61 | ng | # | 58 |
| 6) Aniline | 7.351 | 93 | 96008 | 23.60 | ng | | 98 |
| 8) 2-Chlorophenol | 7.593 | 128 | 145578 | 47.47 | ng | | 97 |
| 9) Benzaldehyde | 7.157 | 77 | 17468 | 8.94 | ng | | 87 |
| 10) Phenol | 7.222 | 94 | 170029 | 48.05 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 7.451 | 93 | 128051 | 44.87 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.916 | 146 | 151027 | 41.74 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 8.069 | 146 | 154966 | 42.35 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.387 | 146 | 148463 | 42.29 | ng | | 98 |
| 15) Benzyl Alcohol | 8.281 | 79 | 122549 | 46.84 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.569 | 45 | 215316 | 41.80 | ng | | 71 |
| 17) 2-Methylphenol | 8.481 | 107 | 117537 | 47.96 | ng | # | 89 |
| 18) Hexachloroethane | 9.116 | 117 | 57935 | 42.06 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.851 | 70 | 103746 | 46.40 | ng | # | 66 |
| 20) 3+4-Methylphenols | 8.816 | 107 | 158672 | 48.28 | ng | | 90 |
| 22) Acetophenone | 8.869 | 105 | 200576 | 41.15 | ng | # | 89 |
| 24) Nitrobenzene | 9.251 | 77 | 154998 | 40.51 | ng | # | 87 |
| 25) Isophorone | 9.781 | 82 | 270346 | 44.52 | ng | | 95 |
| 26) 2-Nitrophenol | 9.963 | 139 | 77448 | 44.73 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 10.022 | 122 | 130488 | 51.82 | ng | | 89 |
| 28) bis(2-Chloroethoxy)met... | 10.257 | 93 | 175516 | 40.94 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.498 | 162 | 131714 | 43.84 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.710 | 180 | 137808 | 38.62 | ng | | 98 |
| 31) Naphthalene | 10.898 | 128 | 435591 | 41.01 | ng | | 100 |
| 32) Benzoic acid | 10.192 | 122 | 92239 | 40.71 | ng | # | 86 |
| 33) 4-Chloroaniline | 11.010 | 127 | 42619 | 9.66 | ng | # | 91 |
| 34) Hexachlorobutadiene | 11.175 | 225 | 81475 | 38.27 | ng | | 99 |
| 35) Caprolactam | 11.816 | 113 | 36434 | 37.47 | ng | # | 60 |
| 36) 4-Chloro-3-methylphenol | 12.134 | 107 | 134382 | 43.02 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.504 | 142 | 306997 | 41.93 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.722 | 142 | 285422 | 41.08 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.869 | 216 | 144951 | 43.01 | ng | # | 98 |
| 41) Hexachlorocyclopentadiene | 12.845 | 237 | 194739 | 123.68 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.110 | 196 | 99809 | 44.15 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.186 | 196 | 104574 | 44.70 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.510 | 154 | 377379 | 43.27 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.557 | 162 | 290009 | 40.69 | ng | | 99 |
| 48) 2-Nitroaniline | 13.757 | 65 | 85161 | 38.11 | ng | | 91 |
| 49) Acenaphthylene | 14.398 | 152 | 447494 | 42.31 | ng | | 100 |
| 50) Dimethylphthalate | 14.133 | 163 | 332299 | 39.56 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.257 | 165 | 73898 | 41.35 | ng | | 89 |
| 52) Acenaphthene | 14.739 | 154 | 270727 | 41.23 | ng | | 98 |
| 53) 3-Nitroaniline | 14.580 | 138 | 30581 | 15.18 | ng | | 89 |
| 54) 2,4-Dinitrophenol | 14.792 | 184 | 88136 | 82.80 | ng | | 93 |
| 55) Dibenzofuran | 15.069 | 168 | 414584 | 41.05 | ng | | 100 |
| 56) 4-Nitrophenol | 14.886 | 139 | 118432 | 74.65 | ng | # | 78 |
| 57) 2,4-Dinitrotoluene | 15.039 | 165 | 94968 | 39.89 | ng | | 92 |
| 58) Fluorene | 15.716 | 166 | 336732 | 40.70 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.292 | 232 | 84172 | 40.70 | ng | | 93 |
| 60) Diethylphthalate | 15.486 | 149 | 330719 | 38.78 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.704 | 204 | 162483 | 39.87 | ng | | 93 |
| 62) 4-Nitroaniline | 15.739 | 138 | 67938 | 30.97 | ng | # | 82 |
| 63) Azobenzene | 15.998 | 77 | 328897 | 41.08 | ng | | 90 |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 198 | 53530 | 49.16 | ng | # | 80 |
| 66) n-Nitrosodiphenylamine | 15.921 | 169 | 281626 | 47.98 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.592 | 248 | 95919 | 46.21 | ng | | 94 |
| 68) Hexachlorobenzene | 16.710 | 284 | 106439 | 44.13 | ng | | 96 |
| 69) Atrazine | 16.857 | 200 | 72395 | 41.61 | ng | | 97 |
| 70) Pentachlorophenol | 17.051 | 266 | 123398 | 93.87 | ng | | 99 |
| 71) Phenanthrene | 17.445 | 178 | 456726 | 42.37 | ng | | 99 |
| 72) Anthracene | 17.533 | 178 | 469591 | 45.10 | ng | | 98 |
| 73) Carbazole | 17.798 | 167 | 391400 | 39.64 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.345 | 149 | 497992 | 41.92 | ng | | 99 |
| 75) Fluoranthene | 19.433 | 202 | 453650 | 37.47 | ng | | 96 |
| 77) Benzidine | 19.615 | 184 | 90557 | 31.50 | ng | | 100 |
| 78) Pyrene | 19.792 | 202 | 450754 | 49.17 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.668 | 149 | 192012 | 47.51 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.515 | 228 | 374994 | 42.48 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.445 | 252 | 66107 | 23.30 | ng | # | 99 |
| 83) Chrysene | 21.562 | 228 | 362739 | 42.56 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 281522 | 49.26 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.315 | 149 | 458117 | 47.42 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 26.150 | 276 | 390035 | 45.51 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 23.127 | 252 | 371990 | 47.64 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.174 | 252 | 338253 | 44.36 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.715 | 252 | 318350 | 44.00 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 26.162 | 278 | 327971 | 46.26 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 26.868 | 276 | 329366 | 47.23 | ng | # | 92 |

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

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