Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070721\
Data File : BP006128.D
Acq On : 07 Jul 2021 11:54
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
mohammad
7/8/2021 12:38:53 PM

Quant Time: Jul 07 13:50:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 13:48:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.875 | 152 | 167698 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.681 | 136 | 679606 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.510 | 164 | 397479 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.263 | 188 | 751129 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.345 | 240 | 719031 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 23.739 | 264 | 815835 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.458 | 112 | 208217 | 19.923 | ng | | 0.00 |
| 7) Phenol-d6 | 7.069 | 99 | 266025 | 19.639 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.046 | 82 | 217439 | 15.686 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.010 | 330 | 85532 | 12.539 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.140 | 172 | 554037 | 18.303 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.816 | 244 | 729267 | 18.991 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.323 | 88 | 43765 | 9.269 | ng | | 90 |
| 3) Pyridine | 3.758 | 79 | 96766 | 8.720 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.658 | 42 | 40563 | 7.864 | ng | # | 90 |
| 6) Aniline | 7.211 | 93 | 140752 | 9.307 | ng | | 99 |
| 8) 2-Chlorophenol | 7.446 | 128 | 121427 | 10.134 | ng | | 99 |
| 9) Benzaldehyde | 7.028 | 77 | 80439 | 13.930 | ng | | 94 |
| 10) Phenol | 7.093 | 94 | 128768 | 9.516 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.305 | 93 | 102346 | 9.981 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.763 | 146 | 129947 | 9.698 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.916 | 146 | 132219 | 9.676 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.228 | 146 | 127702 | 9.777 | ng | | 99 |
| 15) Benzyl Alcohol | 8.140 | 79 | 73768m | 7.230 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.411 | 45 | 120020 | 12.662 | ng | | 91 |
| 17) 2-Methylphenol | 8.346 | 107 | 87767 | 9.519 | ng | | 95 |
| 18) Hexachloroethane | 8.952 | 117 | 43695 | 8.840 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.693 | 70 | 74746 | 8.970 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 116875 | 9.384 | ng | | 94 |
| 22) Acetophenone | 8.711 | 105 | 158844 | 8.880 | ng | | 98 |
| 24) Nitrobenzene | 9.093 | 77 | 112473 | 7.814 | ng | | 95 |
| 25) Isophorone | 9.622 | 82 | 207120 | 8.091 | ng | | 97 |
| 26) 2-Nitrophenol | 9.805 | 139 | 55787 | 8.123 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 9.875 | 122 | 87118 | 8.514 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.099 | 93 | 115003 | 8.608 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.369 | 162 | 94248 | 7.665 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.546 | 180 | 105150 | 7.611 | ng | | 94 |
| 31) Naphthalene | 10.734 | 128 | 366357 | 9.317 | ng | | 99 |
| 32) Benzoic acid | 10.034 | 122 | 35675 | 5.435 | ng | | 91 |
| 33) 4-Chloroaniline | 10.863 | 127 | 133676 | 8.415 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.010 | 225 | 56390 | 6.034 | ng | | 97 |
| 35) Caprolactam | 11.675 | 113 | 29082 | 8.211 | ng | # | 74 |
| 36) 4-Chloro-3-methylphenol | 11.999 | 107 | 106960 | 8.567 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.346 | 142 | 249174 | 8.900 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.563 | 142 | 240519 | 9.121 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.716 | 216 | 97519 | 6.970 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.969 | 196 | 66625 | 6.943 | ng | | 93 |
| 44) 2,4,5-Trichlorophenol | 13.057 | 196 | 72788 | 7.043 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 46) 1,1'-Biphenyl | 13.351 | 154 | 307792 | 9.604 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.393 | 162 | 234476 | 8.960 | ng | | 95 |
| 48) 2-Nitroaniline | 13.616 | 65 | 56214 | 8.170 | ng | | 94 |
| 49) Acenaphthylene | 14.240 | 152 | 378100 | 9.417 | ng | | 99 |
| 50) Dimethylphthalate | 13.975 | 163 | 291003 | 8.904 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.098 | 165 | 63010 | 8.483 | ng | | 99 |
| 52) Acenaphthene | 14.575 | 154 | 232808 | 9.548 | ng | | 98 |
| 53) 3-Nitroaniline | 14.445 | 138 | 61476 | 8.539 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.693 | 184 | 12343 | 3.258 | ng | | 94 |
| 55) Dibenzofuran | 14.916 | 168 | 356432 | 8.889 | ng | | 98 |
| 56) 4-Nitrophenol | 14.822 | 139 | 23745 | 4.069 | ng | # | 81 |
| 57) 2,4-Dinitrotoluene | 14.904 | 165 | 83365 | 8.391 | ng | # | 89 |
| 58) Fluorene | 15.563 | 166 | 288295 | 9.228 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 55630 | 6.107 | ng | # | 72 |
| 60) Diethylphthalate | 15.334 | 149 | 301193 | 9.186 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.551 | 204 | 125708 | 7.760 | ng | # | 89 |
| 62) 4-Nitroaniline | 15.610 | 138 | 49735 | 6.712 | ng | # | 81 |
| 63) Azobenzene | 15.851 | 77 | 252305 | 8.505 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 198 | 31610 | 5.727 | ng | | 84 |
| 66) n-Nitrosodiphenylamine | 15.775 | 169 | 250367 | 10.051 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.451 | 248 | 72648 | 7.535 | ng | # | 90 |
| 68) Hexachlorobenzene | 16.569 | 284 | 84552 | 7.317 | ng | # | 90 |
| 69) Atrazine | 16.734 | 200 | 76064 | 9.815 | ng | | 90 |
| 70) Pentachlorophenol | 16.934 | 266 | 29592 | 4.605 | ng | | 99 |
| 71) Phenanthrene | 17.304 | 178 | 437074 | 9.689 | ng | | 99 |
| 72) Anthracene | 17.398 | 178 | 423472 | 9.539 | ng | | 99 |
| 73) Carbazole | 17.681 | 167 | 417739 | 9.801 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.216 | 149 | 497627 | 10.077 | ng | # | 99 |
| 75) Fluoranthene | 19.275 | 202 | 467148 | 8.528 | ng | | 95 |
| 77) Benzidine | 19.463 | 184 | 196282 | 13.119 | ng | | 98 |
| 78) Pyrene | 19.628 | 202 | 489138 | 9.744 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.486 | 149 | 244536 | 11.841 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.328 | 228 | 467552 | 9.008 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.269 | 252 | 130434 | 7.269 | ng | # | 97 |
| 83) Chrysene | 21.380 | 228 | 463746 | 9.225 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149 | 366653 | 12.106 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.157 | 149 | 660045 | 12.182 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.257 | 276 | 597224 | 8.560 | ng | # | 87 |
| 88) Benzo(b)fluoranthene | 23.004 | 252 | 487772 | 8.729 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 23.057 | 252 | 511272 | 9.436 | ng | # | 95 |
| 90) Benzo(a)pyrene | 23.633 | 252 | 469771 | 8.942 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 26.274 | 278 | 510822 | 8.507 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 27.039 | 276 | 514253 | 8.669 | ng | # | 87 |

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

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