Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
Data File : BP019562.D
Acq On : 05 Feb 2024 16:24
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Feb 05 17:01:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.905 | 152 | 85972 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.710 | 136 | 352444 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.545 | 164 | 245103 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 548776 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.398 | 240 | 405797 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.821 | 264 | 434332 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 418868 | 78.535 | ng | | -0.01 |
| 7) Phenol-d6 | 7.069 | 99 | 605542 | 84.202 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.075 | 82 | 655154 | 80.548 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.039 | 330 | 310359 | 86.724 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.175 | 172 | 1514756 | 76.400 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.875 | 244 | 2338290 | 94.762 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.381 | 88 | 83241 | 40.509 | ng | | 100 |
| 3) Pyridine | 3.775 | 79 | 224340 | 40.269 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.699 | 42 | 104493 | 43.081 | ng | | 98 |
| 6) Aniline | 7.234 | 93 | 303098 | 43.375 | ng | | 99 |
| 8) 2-Chlorophenol | 7.463 | 128 | 219771 | 40.135 | ng | | 99 |
| 9) Benzaldehyde | 7.052 | 77 | 165359 | 32.796 | ng | | 98 |
| 10) Phenol | 7.099 | 94 | 300122 | 41.872 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.340 | 93 | 227933 | 40.875 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.787 | 146 | 263854 | 39.380 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.940 | 146 | 267394 | 39.391 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.252 | 146 | 260325 | 39.635 | ng | | 99 |
| 15) Benzyl Alcohol | 8.152 | 79 | 246819 | 42.954 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446 | 45 | 231576 | 41.529 | ng | | 99 |
| 17) 2-Methylphenol | 8.352 | 107 | 204886 | 42.459 | ng | | 97 |
| 18) Hexachloroethane | 8.975 | 117 | 101634 | 38.626 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.722 | 70 | 212254 | 43.210 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 287199 | 43.610 | ng | | 98 |
| 22) Acetophenone | 8.740 | 105 | 404912 | 40.328 | ng | # | 97 |
| 24) Nitrobenzene | 9.116 | 77 | 330563 | 40.365 | ng | | 98 |
| 25) Isophorone | 9.646 | 82 | 592664 | 41.839 | ng | | 99 |
| 26) 2-Nitrophenol | 9.822 | 139 | 125876 | 40.312 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.887 | 122 | 163433 | 40.932 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93 | 325402 | 40.601 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.352 | 162 | 244227 | 40.464 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.569 | 180 | 285817 | 38.621 | ng | | 99 |
| 31) Naphthalene | 10.757 | 128 | 768726 | 39.769 | ng | | 100 |
| 32) Benzoic acid | 10.034 | 122 | 175547 | 45.125 | ng | | 95 |
| 33) 4-Chloroaniline | 10.875 | 127 | 305788 | 42.776 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.034 | 225 | 209002 | 38.111 | ng | | 99 |
| 35) Caprolactam | 11.675 | 113 | 80227 | 46.953 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 11.999 | 107 | 288101 | 43.776 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.369 | 142 | 557223 | 41.654 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.587 | 142 | 546099 | 41.541 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.734 | 216 | 351936 | 37.231 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.704 | 237 | 151538 | 35.487 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.975 | 196 | 223289 | 39.010 | ng | | 99 |

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**ClientSampleId :**
SSTDCCC040EC

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.046 | 196 | 250852 | 39.911 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.387 | 154 | 754064 | 38.546 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.422 | 162 | 615259 | 38.313 | ng | 99 |
| 48) 2-Nitroaniline | 13.634 | 65 | 193036 | 42.990 | ng | 99 |
| 49) Acenaphthylene | 14.269 | 152 | 903631 | 40.109 | ng | 100 |
| 50) Dimethylphthalate | 14.022 | 163 | 776836 | 41.402 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.140 | 165 | 177592 | 43.079 | ng | 99 |
| 52) Acenaphthene | 14.610 | 154 | 556421 | 39.793 | ng | 99 |
| 53) 3-Nitroaniline | 14.463 | 138 | 165080 | 43.574 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.669 | 184 | 92787 | 43.350 | ng | 99 |
| 55) Dibenzofuran | 14.945 | 168 | 927165 | 40.711 | ng | 99 |
| 56) 4-Nitrophenol | 14.763 | 139 | 134748 | 43.394 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.922 | 165 | 244719 | 45.300 | ng | 99 |
| 58) Fluorene | 15.598 | 166 | 753140 | 41.520 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.169 | 232 | 226899 | 42.919 | ng | 100 |
| 60) Diethylphthalate | 15.387 | 149 | 782292 | 41.917 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204 | 418212 | 41.021 | ng | 99 |
| 62) 4-Nitroaniline | 15.628 | 138 | 171873 | 43.281 | ng | 98 |
| 63) Azobenzene | 15.892 | 77 | 752697 | 41.707 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.681 | 198 | 134345 | 42.933 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.816 | 169 | 642956 | 39.121 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248 | 268677 | 39.164 | ng | 97 |
| 68) Hexachlorobenzene | 16.592 | 284 | 317703 | 39.657 | ng | 99 |
| 69) Atrazine | 16.781 | 200 | 215467 | 39.508 | ng | 97 |
| 70) Pentachlorophenol | 16.945 | 266 | 205647 | 41.220 | ng | 99 |
| 71) Phenanthrene | 17.345 | 178 | 1148365 | 39.763 | ng | 99 |
| 72) Anthracene | 17.439 | 178 | 1158193 | 40.201 | ng | 100 |
| 73) Carbazole | 17.716 | 167 | 1034158 | 39.514 | ng | 99 |
| 74) Di-n-butylphthalate | 18.281 | 149 | 1193061 | 37.701 | ng | 100 |
| 75) Fluoranthene | 19.316 | 202 | 1351606 | 38.311 | ng | 99 |
| 77) Benzidine | 19.504 | 184 | 362237 | 42.697 | ng | 99 |
| 78) Pyrene | 19.669 | 202 | 1372845 | 47.936 | ng | 100 |
| 80) Butylbenzylphthalate | 20.563 | 149 | 417453 | 39.032 | ng | 98 |
| 81) Benzo(a)anthracene | 21.380 | 228 | 1130113 | 39.563 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.322 | 252 | 381638 | 36.664 | ng | 99 |
| 83) Chrysene | 21.439 | 228 | 1071956 | 39.526 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.327 | 149 | 553005 | 33.955 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.274 | 149 | 834777 | 29.133 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.357 | 276 | 1371876 | 41.264 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.086 | 252 | 1098985 | 40.147 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.133 | 252 | 1018077 | 38.934 | ng | 99 |
| 90) Benzo(a)pyrene | 23.716 | 252 | 954279 | 39.180 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.392 | 278 | 1112255 | 40.677 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.133 | 276 | 1166530 | 42.051 | ng | 98 |

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

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