Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
Data File : BP005851.D
Acq On : 11 Jun 2021 00:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
6/11/2021 2:12:37 PM

Quant Time: Jun 11 07:02:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 81666 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.751 | 136 | 297630 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.575 | 164 | 185946 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.322 | 188 | 380168 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.392 | 240 | 421159 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.810 | 264 | 506188 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.511 | 112 | 394110 | 77.437 | ng | | 0.00 |
| 7) Phenol-d6 | 7.116 | 99 | 519509 | 78.754 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.116 | 82 | 481442 | 79.306 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.063 | 330 | 263210 | 82.486 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.204 | 172 | 1113793 | 78.655 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.863 | 244 | 1780722 | 79.172 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.381 | 88 | 83217 | 36.192 | ng | | 99 |
| 3) Pyridine | 3.799 | 79 | 214946 | 39.775 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.705 | 42 | 91163 | 36.291 | ng | | 94 |
| 6) Aniline | 7.275 | 93 | 281601 | 38.237 | ng | | 99 |
| 8) 2-Chlorophenol | 7.510 | 128 | 226464 | 38.809 | ng | | 98 |
| 9) Benzaldehyde | 7.087 | 77 | 125126 | 44.495 | ng | | 97 |
| 10) Phenol | 7.140 | 94 | 255724 | 38.806 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.375 | 93 | 192350 | 38.519 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.840 | 146 | 243829 | 37.369 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.987 | 146 | 247665 | 37.219 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.305 | 146 | 238152 | 37.442 | ng | | 100 |
| 15) Benzyl Alcohol | 8.193 | 79 | 194048 | 39.055 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.481 | 45 | 158938 | 34.432 | ng | | 96 |
| 17) 2-Methylphenol | 8.393 | 107 | 174432 | 38.849 | ng | | 99 |
| 18) Hexachloroethane | 9.028 | 117 | 90595 | 37.639 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.763 | 70 | 156693 | 38.612 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.722 | 107 | 237801 | 39.209 | ng | | 98 |
| 22) Acetophenone | 8.775 | 105 | 318354 | 40.638 | ng | # | 100 |
| 24) Nitrobenzene | 9.157 | 77 | 242831 | 38.521 | ng | | 99 |
| 25) Isophorone | 9.687 | 82 | 434164 | 38.727 | ng | | 98 |
| 26) 2-Nitrophenol | 9.869 | 139 | 120881 | 40.189 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.928 | 122 | 171975 | 38.379 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 10.163 | 93 | 227436 | 38.871 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.404 | 162 | 212569 | 39.474 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.616 | 180 | 230290 | 38.060 | ng | | 97 |
| 31) Naphthalene | 10.804 | 128 | 659929 | 38.322 | ng | | 100 |
| 32) Benzoic acid | 10.093 | 122 | 127493 | 39.294 | ng | | 94 |
| 33) 4-Chloroaniline | 10.916 | 127 | 274896 | 39.515 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.093 | 225 | 158701 | 38.777 | ng | | 98 |
| 35) Caprolactam | 11.716 | 113 | 63508 | 40.944 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 12.040 | 107 | 221507 | 40.511 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.410 | 142 | 477122 | 38.914 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.628 | 142 | 447266 | 38.728 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.775 | 216 | 255998 | 39.113 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.757 | 237 | 105429 | 35.357 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.016 | 196 | 173083 | 38.554 | ng | | 96 |

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Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
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mohammad
6/11/2021 2:12:37 PM

Quant Time: Jun 11 07:02:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.087 | 196 | 187745 | 38.832 | ng | 95 |
| 46) 1,1'-Biphenyl | 13.416 | 154 | 598501 | 39.920 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.457 | 162 | 471465 | 38.510 | ng | 98 |
| 48) 2-Nitroaniline | 13.657 | 65 | 126057 | 39.161 | ng | 98 |
| 49) Acenaphthylene | 14.298 | 152 | 719621 | 38.314 | ng | 99 |
| 50) Dimethylphthalate | 14.034 | 163 | 595146 | 38.928 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.151 | 165 | 134116 | 38.595 | ng | 90 |
| 52) Acenaphthene | 14.640 | 154 | 433250 | 37.984 | ng | 99 |
| 53) 3-Nitroaniline | 14.481 | 138 | 131450 | 39.030 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.692 | 184 | 68760 | 36.103 | ng | 96 |
| 55) Dibenzofuran | 14.975 | 168 | 713252 | 38.024 | ng | 98 |
| 56) 4-Nitrophenol | 14.792 | 139 | 110987 | 40.656 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.940 | 165 | 187147 | 40.267 | ng | 98 |
| 58) Fluorene | 15.622 | 166 | 557138 | 38.121 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.198 | 232 | 159301m | 37.385 | ng | |
| 60) Diethylphthalate | 15.392 | 149 | 603531 | 39.346 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.616 | 204 | 287401 | 37.923 | ng | 98 |
| 62) 4-Nitroaniline | 15.645 | 138 | 138514 | 39.957 | ng | 97 |
| 63) Azobenzene | 15.904 | 77 | 527991 | 38.047 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 198 | 106427 | 38.095 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.828 | 169 | 495271 | 39.286 | ng | 97 |
| 67) 4-Bromophenyl-phenylether | 16.504 | 248 | 189617 | 38.860 | ng | 93 |
| 68) Hexachlorobenzene | 16.628 | 284 | 226104 | 38.658 | ng | 98 |
| 69) Atrazine | 16.781 | 200 | 174942 | 44.602 | ng | 98 |
| 70) Pentachlorophenol | 16.969 | 266 | 138435 | 42.568 | ng | 98 |
| 71) Phenanthrene | 17.363 | 178 | 882538 | 38.656 | ng | 99 |
| 72) Anthracene | 17.451 | 178 | 868142 | 38.636 | ng | 99 |
| 73) Carbazole | 17.722 | 167 | 846088 | 39.220 | ng | 99 |
| 74) Di-n-butylphthalate | 18.269 | 149 | 1023315 | 40.942 | ng | 100 |
| 75) Fluoranthene | 19.322 | 202 | 1061187 | 38.274 | ng | 99 |
| 77) Benzidine | 19.498 | 184 | 392360 | 44.772 | ng | 100 |
| 78) Pyrene | 19.669 | 202 | 1103257 | 37.523 | ng | 99 |
| 80) Butylbenzylphthalate | 20.533 | 149 | 494145 | 40.851 | ng | 100 |
| 81) Benzo(a)anthracene | 21.374 | 228 | 1160557 | 38.174 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.304 | 252 | 394433 | 37.527 | ng | 100 |
| 83) Chrysene | 21.427 | 228 | 1142282 | 38.792 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.292 | 149 | 744327 | 41.957 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.216 | 149 | 1342308 | 42.296 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.351 | 276 | 1654560 | 38.223 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.068 | 252 | 1333304 | 38.458 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.121 | 252 | 1301364 | 38.710 | ng | 99 |
| 90) Benzo(a)pyrene | 23.704 | 252 | 1258037 | 38.597 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.374 | 278 | 1420992 | 38.141 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.139 | 276 | 1388995 | 37.740 | ng | 98 |

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

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