Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090822\
Data File : BP011659.D
Acq On : 08 Sep 2022 17:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 09 04:30:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 03 04:07:09 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 304884 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.781 | 136 | 1332199 | 20.000 | ng | | #-0.01 |
| 39) Acenaphthene-d10 | 14.604 | 164 | 889068 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.363 | 188 | 1921014 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.445 | 240 | 2085148 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.916 | 264 | 2333348 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 1369412 | 79.438 | ng | | 0.00 |
| 7) Phenol-d6 | 7.122 | 99 | 2025754 | 88.808 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.134 | 82 | 1794332 | 82.677 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.098 | 330 | 1006528 | 100.201 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.234 | 172 | 4705330 | 75.682 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.916 | 244 | 7937959 | 79.735 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 245245 | 36.148 | ng | # | 77 |
| 3) Pyridine | 3.805 | 79 | 842059 | 45.580 | ng | # | 73 |
| 4) n-Nitrosodimethylamine | 3.711 | 42 | 295793 | 38.338 | ng | # | 39 |
| 6) Aniline | 7.287 | 93 | 1175002 | 44.839 | ng | # | 87 |
| 8) 2-Chlorophenol | 7.528 | 128 | 836006 | 42.412 | ng | | 87 |
| 9) Benzaldehyde | 7.099 | 77 | 537484 | 40.139 | ng | | 86 |
| 10) Phenol | 7.146 | 94 | 1056526 | 44.292 | ng | | 81 |
| 11) bis(2-Chloroethyl)ether | 7.387 | 93 | 775032 | 41.340 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 7.852 | 146 | 873919 | 38.757 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 8.005 | 146 | 897102 | 39.027 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.322 | 146 | 881632 | 40.379 | ng | | 96 |
| 15) Benzyl Alcohol | 8.205 | 79 | 714639 | 46.844 | ng | # | 89 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.505 | 45 | 877593 | 36.318 | ng | | 87 |
| 17) 2-Methylphenol | 8.405 | 107 | 720245 | 45.681 | ng | # | 92 |
| 18) Hexachloroethane | 9.052 | 117 | 298555 | 38.574 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.781 | 70 | 611253 | 46.016 | ng | # | 79 |
| 20) 3+4-Methylphenols | 8.734 | 107 | 1010287 | 47.280 | ng | | 92 |
| 22) Acetophenone | 8.793 | 105 | 1296030 | 40.248 | ng | # | 85 |
| 24) Nitrobenzene | 9.175 | 77 | 910232 | 40.615 | ng | # | 85 |
| 25) Isophorone | 9.705 | 82 | 1676200 | 42.839 | ng | # | 93 |
| 26) 2-Nitrophenol | 9.887 | 139 | 431063 | 44.260 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 9.946 | 122 | 727465 | 42.878 | ng | | 90 |
| 28) bis(2-Chloroethoxy)met... | 10.187 | 93 | 977794 | 39.949 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.422 | 162 | 853192 | 43.126 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.640 | 180 | 888909 | 38.291 | ng | | 98 |
| 31) Naphthalene | 10.828 | 128 | 2809376 | 39.435 | ng | | 99 |
| 32) Benzoic acid | 10.057 | 122 | 623032 | 52.975 | ng | # | 84 |
| 33) 4-Chloroaniline | 10.940 | 127 | 1217364 | 43.316 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.122 | 225 | 521478 | 37.754 | ng | | 97 |
| 35) Caprolactam | 11.716 | 113 | 288396 | 50.593 | ng | # | 59 |
| 36) 4-Chloro-3-methylphenol | 12.057 | 107 | 896420 | 45.985 | ng | | 86 |
| 37) 2-Methylnaphthalene | 12.440 | 142 | 2007583 | 41.394 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.657 | 142 | 1964091 | 41.576 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.804 | 216 | 1036169 | 37.107 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.787 | 237 | 506598 | 38.375 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.040 | 196 | 723015 | 43.266 | ng | | 100 |

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Data File : BP011659.D
Acq On : 08 Sep 2022 17:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 09 04:30:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 03 04:07:09 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.104 | 196 | 820951 | 43.035 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.445 | 154 | 2577712 | 37.747 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.487 | 162 | 2011422 | 37.892 | ng | | 97 |
| 48) 2-Nitroaniline | 13.687 | 65 | 573722 | 42.200 | ng | # | 72 |
| 49) Acenaphthylene | 14.328 | 152 | 3255538 | 39.973 | ng | | 99 |
| 50) Dimethylphthalate | 14.063 | 163 | 2653286 | 40.992 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.181 | 165 | 562167 | 44.935 | ng | # | 78 |
| 52) Acenaphthene | 14.669 | 154 | 2132038 | 40.435 | ng | | 97 |
| 53) 3-Nitroaniline | 14.510 | 138 | 648752 | 46.755 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 14.710 | 184 | 261878 | 53.170 | ng | # | 82 |
| 55) Dibenzofuran | 15.004 | 168 | 3154871 | 39.712 | ng | | 97 |
| 56) 4-Nitrophenol | 14.804 | 139 | 548510 | 49.144 | ng | # | 70 |
| 57) 2,4-Dinitrotoluene | 14.963 | 165 | 764412 | 43.065 | ng | # | 78 |
| 58) Fluorene | 15.657 | 166 | 2648207 | 40.709 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.228 | 232 | 742362 | 46.111 | ng | | 96 |
| 60) Diethylphthalate | 15.434 | 149 | 2644845 | 42.023 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 1283569 | 40.020 | ng | | 92 |
| 62) 4-Nitroaniline | 15.669 | 138 | 692095 | 44.678 | ng | # | 78 |
| 63) Azobenzene | 15.945 | 77 | 2251869 | 40.243 | ng | | 86 |
| 65) 4,6-Dinitro-2-methylph... | 15.728 | 198 | 382821 | 46.096 | ng | # | 77 |
| 66) n-Nitrosodiphenylamine | 15.863 | 169 | 2263335 | 38.734 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.551 | 248 | 823705 | 39.453 | ng | | 93 |
| 68) Hexachlorobenzene | 16.663 | 284 | 987872 | 40.097 | ng | # | 89 |
| 69) Atrazine | 16.822 | 200 | 763372 | 43.947 | ng | | 99 |
| 70) Pentachlorophenol | 17.004 | 266 | 631101 | 47.121 | ng | | 99 |
| 71) Phenanthrene | 17.404 | 178 | 4212023 | 39.295 | ng | | 98 |
| 72) Anthracene | 17.498 | 178 | 4116727 | 40.541 | ng | | 99 |
| 73) Carbazole | 17.763 | 167 | 3890497 | 41.411 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.316 | 149 | 4702692 | 44.342 | ng | # | 98 |
| 75) Fluoranthene | 19.363 | 202 | 5079278 | 42.984 | ng | | 97 |
| 77) Benzidine | 19.545 | 184 | 1997585 | 50.120 | ng | | 98 |
| 78) Pyrene | 19.716 | 202 | 5244277 | 37.838 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.592 | 149 | 2210320 | 40.483 | ng | | 87 |
| 81) Benzo(a)anthracene | 21.427 | 228 | 5447023 | 39.795 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.357 | 252 | 2073781 | 46.444 | ng | | 99 |
| 83) Chrysene | 21.480 | 228 | 5166329 | 39.890 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.351 | 149 | 3189444 | 39.436 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.304 | 149 | 5476265 | 43.627 | ng | # | 88 |
| 87) Indeno(1,2,3-cd)pyrene | 26.510 | 276 | 7707456 | 43.410 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.157 | 252 | 5741861 | 39.225 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.210 | 252 | 5624152 | 37.243 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.804 | 252 | 4855237 | 40.142 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.533 | 278 | 6432736 | 43.189 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.309 | 276 | 6318370 | 44.124 | ng | | 98 |

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

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

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