Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009508.D
Acq On : 23 Mar 2022 15:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 24 01:13:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.793 | 152 | 420836 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.587 | 136 | 1596518 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.440 | 164 | 933103 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.198 | 188 | 1723063 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.316 | 240 | 1532814 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.721 | 264 | 1688576 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.393 | 112 | 1994798 | 82.759 | ng | | -0.01 |
| 7) Phenol-d6 | 6.981 | 99 | 2641217 | 81.027 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.952 | 82 | 2428451 | 80.832 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.939 | 330 | 976660 | 63.428 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.057 | 172 | 5406679 | 80.326 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.780 | 244 | 6754267 | 79.091 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 410702 | 43.018 | ng | | 99 |
| 3) Pyridine | 3.717 | 79 | 1122746 | 43.664 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.628 | 42 | 419691 | 44.319 | ng | | 99 |
| 6) Aniline | 7.122 | 93 | 1510260 | 40.651 | ng | | 97 |
| 8) 2-Chlorophenol | 7.363 | 128 | 1089177 | 39.627 | ng | | 97 |
| 9) Benzaldehyde | 6.934 | 77 | 643366 | 41.528 | ng | | 99 |
| 10) Phenol | 7.005 | 94 | 1329092 | 40.642 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.222 | 93 | 1063488 | 41.091 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.681 | 146 | 1222531 | 39.409 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.828 | 146 | 1244173 | 39.227 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.140 | 146 | 1192221 | 38.890 | ng | | 99 |
| 15) Benzyl Alcohol | 8.040 | 79 | 984263m | 37.872 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328 | 45 | 1225914 | 43.696 | ng | | 97 |
| 17) 2-Methylphenol | 8.252 | 107 | 883479 | 39.203 | ng | | 100 |
| 18) Hexachloroethane | 8.869 | 117 | 433468 | 38.996 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.605 | 70 | 811772 | 39.373 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.581 | 107 | 1222025 | 39.437 | ng | | 99 |
| 22) Acetophenone | 8.616 | 105 | 1585011 | 40.112 | ng | # | 99 |
| 24) Nitrobenzene | 8.993 | 77 | 1155063 | 40.699 | ng | | 97 |
| 25) Isophorone | 9.522 | 82 | 2047171 | 39.948 | ng | | 98 |
| 26) 2-Nitrophenol | 9.704 | 139 | 587472 | 39.712 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.775 | 122 | 852228 | 40.827 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.004 | 93 | 1367466 | 40.982 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.246 | 162 | 1015845 | 39.896 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.452 | 180 | 1149880 | 38.979 | ng | | 98 |
| 31) Naphthalene | 10.634 | 128 | 3245719 | 39.468 | ng | | 100 |
| 32) Benzoic acid | 9.963 | 122 | 638752 | 39.139 | ng | | 94 |
| 33) 4-Chloroaniline | 10.752 | 127 | 1318247 | 39.283 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.928 | 225 | 744313 | 37.237 | ng | | 99 |
| 35) Caprolactam | 11.551 | 113 | 294461 | 34.267 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.893 | 107 | 1008423 | 36.857 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.251 | 142 | 2222738 | 38.522 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.469 | 142 | 2131420 | 37.919 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.628 | 216 | 1241911 | 40.114 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.604 | 237 | 488865 | 40.259 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.875 | 196 | 825995 | 40.252 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.951 | 196 | 880532 | 39.514 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.269 | 154 | 2829158 | 40.643 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.310 | 162 | 2213417 | 40.388 | ng | 99 |
| 48) 2-Nitroaniline | 13.516 | 65 | 591627 | 39.636 | ng | 99 |
| 49) Acenaphthylene | 14.157 | 152 | 3366294 | 39.789 | ng | 99 |
| 50) Dimethylphthalate | 13.898 | 163 | 2594037 | 36.689 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.016 | 165 | 549201 | 37.073 | ng | 99 |
| 52) Acenaphthene | 14.504 | 154 | 1988768 | 39.352 | ng | 100 |
| 53) 3-Nitroaniline | 14.345 | 138 | 579182 | 37.015 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.563 | 184 | 276720 | 32.891 | ng | 98 |
| 55) Dibenzofuran | 14.840 | 168 | 3257403 | 38.366 | ng | 100 |
| 56) 4-Nitrophenol | 14.687 | 139 | 401730 | 34.443 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.810 | 165 | 720820 | 35.388 | ng | 98 |
| 58) Fluorene | 15.492 | 166 | 2469023 | 36.976 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.075 | 232 | 725749 | 35.925 | ng | 94 |
| 60) Diethylphthalate | 15.269 | 149 | 2496633 | 35.281 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.487 | 204 | 1343657 | 36.529 | ng | 96 |
| 62) 4-Nitroaniline | 15.516 | 138 | 565537 | 34.416 | ng | 98 |
| 63) Azobenzene | 15.781 | 77 | 2417907 | 39.279 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 198 | 440031 | 39.715 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.704 | 169 | 2154940 | 42.262 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.387 | 248 | 830721 | 39.400 | ng | 95 |
| 68) Hexachlorobenzene | 16.510 | 284 | 920312 | 37.926 | ng | 97 |
| 69) Atrazine | 16.669 | 200 | 701904 | 39.152 | ng | 99 |
| 70) Pentachlorophenol | 16.857 | 266 | 503533 | 38.818 | ng | 99 |
| 71) Phenanthrene | 17.245 | 178 | 3683468 | 39.935 | ng | 100 |
| 72) Anthracene | 17.334 | 178 | 3647447 | 40.053 | ng | 99 |
| 73) Carbazole | 17.610 | 167 | 3453950 | 38.782 | ng | 100 |
| 74) Di-n-butylphthalate | 18.169 | 149 | 3959067 | 37.935 | ng | 99 |
| 75) Fluoranthene | 19.222 | 202 | 4065016 | 36.403 | ng | 99 |
| 77) Benzidine | 19.410 | 184 | 1205949 | 32.098 | ng | 99 |
| 78) Pyrene | 19.575 | 202 | 4183986 | 41.423 | ng | 99 |
| 80) Butylbenzylphthalate | 20.463 | 149 | 1719305 | 40.048 | ng | 96 |
| 81) Benzo(a)anthracene | 21.298 | 228 | 4023202 | 39.950 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.233 | 252 | 1496767 | 38.474 | ng | 98 |
| 83) Chrysene | 21.351 | 228 | 3751477 | 39.341 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.233 | 149 | 2446340 | 40.881 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.157 | 149 | 4270027 | 41.398 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.227 | 276 | 5170638 | 40.362 | ng | 96 |
| 88) Benzo(b)fluoranthene | 22.986 | 252 | 3919841 | 38.886 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.033 | 252 | 3990113 | 40.428 | ng | 98 |
| 90) Benzo(a)pyrene | 23.610 | 252 | 3445462 | 39.950 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 26.245 | 278 | 4293781 | 40.216 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.998 | 276 | 4274199 | 40.693 | ng | 97 |

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

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