Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007921.D
Acq On : 10 Nov 2021 15:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 10 17:21:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay
11/10/2021
Supervised By :mohammad ahmed
11/11/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.857 | 152 | 130025 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.657 | 136 | 537781 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.498 | 164 | 385070 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 827366 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.345 | 240 | 1010175 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.757 | 264 | 1149448 | 20.000 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.446 | 112 | 602972 | 78.646 | ng | | 0.00 |
| 7) Phenol-d6 | 7.034 | 99 | 862206 | 77.697 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.022 | 82 | 811982 | 81.106 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.992 | 330 | 473054 | 86.080 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.122 | 172 | 2096740 | 79.295 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.816 | 244 | 3824127 | 77.086 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 112868 | 42.605 | ng | | 96 |
| 3) Pyridine | 3.752 | 79 | 354921 | 41.724 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.658 | 42 | 143988 | 39.579 | ng | # | 98 |
| 6) Aniline | 7.187 | 93 | 486373 | 38.912 | ng | | 99 |
| 8) 2-Chlorophenol | 7.428 | 128 | 336746 | 39.857 | ng | | 97 |
| 9) Benzaldehyde | 6.999 | 77 | 227646 | 37.726 | ng | | 98 |
| 10) Phenol | 7.063 | 94 | 412566 | 38.933 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.287 | 93 | 319352 | 37.755 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.752 | 146 | 369683 | 39.342 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.893 | 146 | 376285 | 39.192 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.210 | 146 | 370113 | 39.890 | ng | | 100 |
| 15) Benzyl Alcohol | 8.104 | 79 | 339150 | 40.368 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.399 | 45 | 363352 | 36.646 | ng | | 94 |
| 17) 2-Methylphenol | 8.310 | 107 | 293195 | 40.011 | ng | | 97 |
| 18) Hexachloroethane | 8.940 | 117 | 131194 | 39.515 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.675 | 70 | 266747 | 39.277 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.640 | 107 | 407252 | 39.508 | ng | | 98 |
| 22) Acetophenone | 8.687 | 105 | 540614 | 39.897 | ng | # | 97 |
| 24) Nitrobenzene | 9.063 | 77 | 382856 | 40.187 | ng | | 96 |
| 25) Isophorone | 9.593 | 82 | 717691 | 39.446 | ng | | 99 |
| 26) 2-Nitrophenol | 9.775 | 139 | 200416 | 41.540 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.840 | 122 | 293213 | 39.546 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 10.075 | 93 | 445190 | 37.081 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.310 | 162 | 364601 | 40.900 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.522 | 180 | 397699 | 40.112 | ng | | 96 |
| 31) Naphthalene | 10.710 | 128 | 1071798 | 39.398 | ng | | 98 |
| 32) Benzoic acid | 9.998 | 122 | 272744 | 42.674 | ng | | 97 |
| 33) 4-Chloroaniline | 10.816 | 127 | 474046 | 39.559 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.004 | 225 | 272043 | 41.792 | ng | | 99 |
| 35) Caprolactam | 11.622 | 113 | 128777 | 41.385 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 11.951 | 107 | 411790 | 40.892 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.322 | 142 | 791397 | 39.439 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.540 | 142 | 777596 | 39.550 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.692 | 216 | 491657 | 40.729 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.675 | 237 | 232041 | 35.891 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.934 | 196 | 345740 | 41.005 | ng | | 98 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.004 | 196 | 381183 | 41.735 | ng | | 97 |
| 46) | 1,1'-Biphenyl | 13.334 | 154 | 1096668 | 39.444 | ng | | 98 |
| 47) | 2-Chloronaphthalene | 13.375 | 162 | 862787 | 39.933 | ng | | 100 |
| 48) | 2-Nitroaniline | 13.575 | 65 | 261032 | 41.988 | ng | | 98 |
| 49) | Acenaphthylene | 14.216 | 152 | 1360323 | 40.091 | ng | | 99 |
| 50) | Dimethylphthalate | 13.963 | 163 | 1185923 | 39.902 | ng | | 100 |
| 51) | 2,6-Dinitrotoluene | 14.075 | 165 | 251090 | 40.851 | ng | | 97 |
| 52) | Acenaphthene | 14.563 | 154 | 812028 | 39.625 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.404 | 138 | 268181 | 40.898 | ng | | 95 |
| 54) | 2,4-Dinitrophenol | 14.616 | 184 | 164476 | 43.530 | ng | # | 90 |
| 55) | Dibenzofuran | 14.898 | 168 | 1295261 | 37.364 | ng | | 98 |
| 56) | 4-Nitrophenol | 14.722 | 139 | 224135 | 40.243 | ng | | 92 |
| 57) | 2,4-Dinitrotoluene | 14.863 | 165 | 335002 | 39.591 | ng | # | 92 |
| 58) | Fluorene | 15.545 | 166 | 1000710 | 38.059 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.128 | 232 | 329314m | 40.054 | ng | | |
| 60) | Diethylphthalate | 15.328 | 149 | 1107997 | 38.399 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.545 | 204 | 554220 | 38.590 | ng | | 96 |
| 62) | 4-Nitroaniline | 15.569 | 138 | 266487 | 40.014 | ng | | 89 |
| 63) | Azobenzene | 15.839 | 77 | 926674 | 38.050 | ng | | 96 |
| 65) | 4,6-Dinitro-2-methylph... | 15.633 | 198 | 228890 | 42.250 | ng | | 89 |
| 66) | n-Nitrosodiphenylamine | 15.757 | 169 | 919835 | 39.052 | ng | | 98 |
| 67) | 4-Bromophenyl-phenylether | 16.439 | 248 | 374268 | 40.862 | ng | | 99 |
| 68) | Hexachlorobenzene | 16.563 | 284 | 418413 | 40.938 | ng | # | 92 |
| 69) | Atrazine | 16.716 | 200 | 375635 | 41.647 | ng | | 98 |
| 70) | Pentachlorophenol | 16.904 | 266 | 282638 | 42.996 | ng | | 97 |
| 71) | Phenanthrene | 17.292 | 178 | 1717315 | 39.484 | ng | | 100 |
| 72) | Anthracene | 17.386 | 178 | 1716891 | 40.111 | ng | | 100 |
| 73) | Carbazole | 17.657 | 167 | 1697839 | 39.905 | ng | | 100 |
| 74) | Di-n-butylphthalate | 18.216 | 149 | 1947081 | 40.182 | ng | | 99 |
| 75) | Fluoranthene | 19.263 | 202 | 2247581 | 40.964 | ng | | 97 |
| 77) | Benzidine | 19.445 | 184 | 941525 | 36.982 | ng | | 99 |
| 78) | Pyrene | 19.616 | 202 | 2334921 | 37.685 | ng | | 99 |
| 80) | Butylbenzylphthalate | 20.492 | 149 | 1015515 | 38.999 | ng | | 97 |
| 81) | Benzo(a)anthracene | 21.333 | 228 | 2597417 | 39.029 | ng | | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.263 | 252 | 879121 | 39.339 | ng | # | 98 |
| 83) | Chrysene | 21.386 | 228 | 2465574 | 39.135 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.263 | 149 | 1434775 | 38.419 | ng | # | 97 |
| 85) | Di-n-octyl phthalate | 22.186 | 149 | 2689105 | 40.028 | ng | | 96 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.286 | 276 | 3271551 | 38.184 | ng | # | 94 |
| 88) | Benzo(b)fluoranthene | 23.027 | 252 | 2789457 | 41.169 | ng | # | 98 |
| 89) | Benzo(k)fluoranthene | 23.074 | 252 | 2627081 | 39.065 | ng | # | 98 |
| 90) | Benzo(a)pyrene | 23.657 | 252 | 2326849 | 39.660 | ng | # | 97 |
| 91) | Dibenzo(a,h)anthracene | 26.304 | 278 | 2712093 | 38.190 | ng | # | 96 |
| 92) | Benzo(g,h,i)perylene | 27.056 | 276 | 2664086 | 37.816 | ng | # | 95 |

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

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