Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060722\
Data File : BP010715.D
Acq On : 07 Jun 2022 18:40
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP060722

Quant Time: Jun 07 23:35:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 19:29:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 89153 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.640 | 136 | 360312 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.481 | 164 | 233175 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.234 | 188 | 501487 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.322 | 240 | 495234 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.727 | 264 | 486954 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.422 | 112 | 431277 | 83.490 | ng | | 0.00 |
| 7) Phenol-d6 | 7.016 | 99 | 607230 | 85.955 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.999 | 82 | 632080 | 82.612 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.975 | 330 | 261488 | 82.351 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.098 | 172 | 1338756 | 82.594 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.792 | 244 | 2155073 | 81.371 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 84228 | 40.566 | ng | | 97 |
| 3) Pyridine | 3.734 | 79 | 247865 | 42.220 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.640 | 42 | 137222 | 41.887 | ng | | 97 |
| 6) Aniline | 7.169 | 93 | 353280 | 42.775 | ng | | 99 |
| 8) 2-Chlorophenol | 7.405 | 128 | 237824 | 42.402 | ng | | 97 |
| 9) Benzaldehyde | 6.981 | 77 | 170184 | 39.867 | ng | | 99 |
| 10) Phenol | 7.046 | 94 | 311770 | 42.776 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.263 | 93 | 238245 | 42.539 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.728 | 146 | 270840 | 42.184 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 7.875 | 146 | 275506 | 41.933 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.193 | 146 | 261358 | 41.323 | ng | | 99 |
| 15) Benzyl Alcohol | 8.087 | 79 | 239616 | 42.758 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.369 | 45 | 392976 | 41.741 | ng | | 98 |
| 17) 2-Methylphenol | 8.293 | 107 | 211669 | 43.010 | ng | | 97 |
| 18) Hexachloroethane | 8.916 | 117 | 106732 | 41.863 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.652 | 70 | 214744 | 43.103 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.622 | 107 | 293603 | 43.463 | ng | | 97 |
| 22) Acetophenone | 8.663 | 105 | 396270 | 41.267 | ng | | 97 |
| 24) Nitrobenzene | 9.046 | 77 | 320691 | 41.515 | ng | | 99 |
| 25) Isophorone | 9.575 | 82 | 544906 | 41.615 | ng | | 99 |
| 26) 2-Nitrophenol | 9.757 | 139 | 135690 | 42.741 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.822 | 122 | 191115 | 41.064 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.052 | 93 | 288964 | 40.976 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.299 | 162 | 234194 | 42.725 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.504 | 180 | 256058 | 40.416 | ng | | 98 |
| 31) Naphthalene | 10.687 | 128 | 790004 | 41.088 | ng | | 99 |
| 32) Benzoic acid | 9.987 | 122 | 147994 | 39.798 | ng | | 96 |
| 33) 4-Chloroaniline | 10.804 | 127 | 317318 | 42.016 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.975 | 225 | 174559 | 40.607 | ng | | 97 |
| 35) Caprolactam | 11.604 | 113 | 78011 | 41.782 | ng | # | 91 |
| 36) 4-Chloro-3-methylphenol | 11.940 | 107 | 274075 | 41.885 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.299 | 142 | 552329 | 41.199 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.516 | 142 | 534640 | 40.530 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.675 | 216 | 296158 | 41.286 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.646 | 237 | 126634 | 39.307 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.916 | 196 | 198391 | 42.627 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.993 | 196 | 218417 | 42.192 | ng | 96 |
| 46) 1,1'-Biphenyl | 13.310 | 154 | 710699 | 41.328 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.351 | 162 | 554700 | 41.224 | ng | 98 |
| 48) 2-Nitroaniline | 13.563 | 65 | 212269 | 42.566 | ng | 97 |
| 49) Acenaphthylene | 14.198 | 152 | 881660 | 41.330 | ng | 100 |
| 50) Dimethylphthalate | 13.940 | 163 | 722070 | 40.735 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.057 | 165 | 158296 | 41.897 | ng | 94 |
| 52) Acenaphthene | 14.545 | 154 | 536698 | 41.491 | ng | 99 |
| 53) 3-Nitroaniline | 14.393 | 138 | 164962 | 42.662 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.604 | 184 | 90657 | 39.945 | ng | 99 |
| 55) Dibenzofuran | 14.881 | 168 | 855576 | 41.142 | ng | 98 |
| 56) 4-Nitrophenol | 14.716 | 139 | 120966 | 41.802 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.851 | 165 | 218589 | 41.571 | ng | 96 |
| 58) Fluorene | 15.528 | 166 | 714169 | 41.214 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232 | 197572 | 41.912 | ng | 98 |
| 60) Diethylphthalate | 15.304 | 149 | 740977 | 40.827 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.522 | 204 | 357973 | 40.699 | ng | 99 |
| 62) 4-Nitroaniline | 15.557 | 138 | 172048 | 43.361 | ng | 99 |
| 63) Azobenzene | 15.816 | 77 | 769076 | 42.247 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.622 | 198 | 131307 | 41.726 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.740 | 169 | 607743 | 41.497 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248 | 225343 | 41.279 | ng | 99 |
| 68) Hexachlorobenzene | 16.539 | 284 | 254005 | 40.237 | ng | 97 |
| 69) Atrazine | 16.698 | 200 | 215121 | 41.302 | ng | 99 |
| 70) Pentachlorophenol | 16.892 | 266 | 142104 | 41.308 | ng | 97 |
| 71) Phenanthrene | 17.275 | 178 | 1112090 | 40.332 | ng | 99 |
| 72) Anthracene | 17.369 | 178 | 1096507 | 41.127 | ng | 99 |
| 73) Carbazole | 17.639 | 167 | 982679 | 41.296 | ng | 100 |
| 74) Di-n-butylphthalate | 18.192 | 149 | 1277421 | 40.929 | ng | 99 |
| 75) Fluoranthene | 19.245 | 202 | 1319865 | 40.447 | ng | 99 |
| 77) Benzidine | 19.422 | 184 | 429329 | 44.363 | ng | 99 |
| 78) Pyrene | 19.598 | 202 | 1358783 | 40.668 | ng | 99 |
| 80) Butylbenzylphthalate | 20.469 | 149 | 591130 | 41.273 | ng | 97 |
| 81) Benzo(a)anthracene | 21.310 | 228 | 1342176 | 40.764 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.245 | 252 | 391438 | 40.734 | ng | 99 |
| 83) Chrysene | 21.363 | 228 | 1257032 | 39.982 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.233 | 149 | 827274 | 40.671 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.151 | 149 | 1387160 | 40.583 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.233 | 276 | 1461862 | 41.258 | ng | 98 |
| 88) Benzo(b)fluoranthene | 22.998 | 252 | 1255009 | 41.302 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.045 | 252 | 1247550 | 40.283 | ng | 100 |
| 90) Benzo(a)pyrene | 23.621 | 252 | 1042212 | 40.971 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.251 | 278 | 1228954 | 41.467 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.004 | 276 | 1208707 | 41.147 | ng | 97 |

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

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