Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
Data File : BP006776.D
Acq On : 19 Aug 2021 12:05
Operator : CG/JU
Sample : PB138536BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 15:15:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB138536BS

**Manual Integrations APPROVED**
mohammad
8/20/2021 2:24:25 PM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.693 | 152 | 144396 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.481 | 136 | 625652 | 20.000 | ng | | #-0.01 |
| 39) Acenaphthene-d10 | 14.340 | 164 | 349614 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.098 | 188 | 688296 | 20.000 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.204 | 240 | 669237 | 20.000 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.516 | 264 | 689655 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.299 | 112 | 1399630 | 148.879 | ng | | 0.00 |
| 7) Phenol-d6 | 6.887 | 99 | 1726677 | 129.296 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.858 | 82 | 1185750 | 87.479 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.840 | 330 | 524587 | 143.571 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.963 | 172 | 2075497 | 88.818 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.681 | 244 | 3022654 | 90.502 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.240 | 88 | 161838 | 39.541 | ng | | 97 |
| 3) Pyridine | 3.634 | 79 | 417125 | 34.675 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.552 | 42 | 198566 | 43.733 | ng | # | 75 |
| 6) Aniline | 7.034 | 93 | 683786 | 47.137 | ng | | 96 |
| 8) 2-Chlorophenol | 7.264 | 128 | 503562 | 49.505 | ng | | 92 |
| 9) Benzaldehyde | 6.846 | 77 | 378927 | 47.144 | ng | | 93 |
| 10) Phenol | 6.911 | 94 | 637976 | 47.642 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.134 | 93 | 475524 | 46.767 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.581 | 146 | 502616 | 47.410 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.728 | 146 | 513026 | 47.682 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.046 | 146 | 493246 | 47.775 | ng | | 97 |
| 15) Benzyl Alcohol | 7.946 | 79 | 479230 | 47.852 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.228 | 45 | 531031 | 43.888 | ng | | 94 |
| 17) 2-Methylphenol | 8.152 | 107 | 421329 | 49.828 | ng | | 97 |
| 18) Hexachloroethane | 8.764 | 117 | 212173 | 49.822 | ng | | 90 |
| 19) n-Nitroso-di-n-propyla... | 8.511 | 70 | 401129 | 44.771 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.481 | 107 | 570771 | 49.593 | ng | | 97 |
| 22) Acetophenone | 8.522 | 105 | 774939 | 46.706 | ng | # | 97 |
| 24) Nitrobenzene | 8.899 | 77 | 624225 | 44.302 | ng | | 90 |
| 25) Isophorone | 9.428 | 82 | 1033151 | 42.436 | ng | | 96 |
| 26) 2-Nitrophenol | 9.605 | 139 | 249334 | 48.624 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 9.675 | 122 | 455162 | 53.007 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.911 | 93 | 628983 | 48.285 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.134 | 162 | 418184 | 48.103 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.346 | 180 | 429807 | 46.010 | ng | | 97 |
| 31) Naphthalene | 10.528 | 128 | 1513875 | 45.030 | ng | | 99 |
| 32) Benzoic acid | 9.840 | 122 | 300351 | 45.214 | ng | | 92 |
| 33) 4-Chloroaniline | 10.652 | 127 | 469996 | 34.547 | ng | # | 95 |
| 34) Hexachlorobutadiene | 10.810 | 225 | 256196 | 47.063 | ng | | 99 |
| 35) Caprolactam | 11.463 | 113 | 147740m | 47.130 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.787 | 107 | 525164 | 47.546 | ng | | 89 |
| 37) 2-Methylnaphthalene | 12.146 | 142 | 1030249 | 45.224 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.369 | 142 | 948661 | 43.820 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.522 | 216 | 440132 | 48.100 | ng | # | 94 |
| 41) Hexachlorocyclopentadiene | 12.493 | 237 | 589348 | 121.437 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.769 | 196 | 307298 | 49.183 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.840 | 196 | 333789 | 48.263 | ng | # | 86 |
| 46) 1,1'-Biphenyl | 13.169 | 154 | 1208215 | 45.658 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.210 | 162 | 937978 | 46.028 | ng | | 94 |
| 48) 2-Nitroaniline | 13.428 | 65 | 350667 | 48.760 | ng | | 85 |
| 49) Acenaphthylene | 14.057 | 152 | 1564732 | 47.619 | ng | | 100 |
| 50) Dimethylphthalate | 13.816 | 163 | 1192822 | 46.871 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.934 | 165 | 258709 | 45.557 | ng | # | 75 |
| 52) Acenaphthene | 14.404 | 154 | 901606 | 45.085 | ng | | 96 |
| 53) 3-Nitroaniline | 14.263 | 138 | 243762 | 38.720 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 14.475 | 184 | 287437 | 96.792 | ng | # | 79 |
| 55) Dibenzofuran | 14.746 | 168 | 1412902 | 44.917 | ng | | 94 |
| 56) 4-Nitrophenol | 14.587 | 139 | 531862 | 97.296 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 14.722 | 165 | 369665 | 48.540 | ng | # | 71 |
| 58) Fluorene | 15.393 | 166 | 1155038 | 45.940 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232 | 274784 | 47.411 | ng | # | 67 |
| 60) Diethylphthalate | 15.187 | 149 | 1291924 | 48.333 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.393 | 204 | 529997 | 46.548 | ng | # | 87 |
| 62) 4-Nitroaniline | 15.434 | 138 | 287897m | 43.096 | ng | | |
| 63) Azobenzene | 15.687 | 77 | 1468969 | 47.137 | ng | | 92 |
| 65) 4,6-Dinitro-2-methylph... | 15.487 | 198 | 175265 | 41.674 | ng | | 69 |
| 66) n-Nitrosodiphenylamine | 15.616 | 169 | 990490 | 45.783 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.293 | 248 | 313239 | 47.431 | ng | # | 86 |
| 68) Hexachlorobenzene | 16.398 | 284 | 353043 | 46.976 | ng | # | 86 |
| 69) Atrazine | 16.581 | 200 | 351099 | 52.008 | ng | | 96 |
| 70) Pentachlorophenol | 16.751 | 266 | 482652 | 101.220 | ng | | 99 |
| 71) Phenanthrene | 17.140 | 178 | 1791933 | 46.155 | ng | | 99 |
| 72) Anthracene | 17.234 | 178 | 1818855 | 48.483 | ng | | 100 |
| 73) Carbazole | 17.510 | 167 | 1716628 | 44.861 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.081 | 149 | 2196323 | 50.379 | ng | | 99 |
| 75) Fluoranthene | 19.122 | 202 | 2007069 | 46.059 | ng | | 95 |
| 77) Benzidine | 19.316 | 184 | 1458147 | 87.072 | ng | | 99 |
| 78) Pyrene | 19.475 | 202 | 2061256 | 46.112 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.369 | 149 | 1000062 | 50.877 | ng | | 90 |
| 81) Benzo(a)anthracene | 21.192 | 228 | 1965986 | 44.950 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.133 | 252 | 591817 | 51.542 | ng | # | 97 |
| 83) Chrysene | 21.239 | 228 | 1931018 | 45.542 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.133 | 149 | 1497718 | 50.703 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 22.033 | 149 | 2584246 | 53.079 | ng | # | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 25.904 | 276 | 2436671 | 48.726 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 22.816 | 252 | 2092622 | 46.687 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 22.863 | 252 | 1995694 | 46.374 | ng | # | 96 |
| 90) Benzo(a)pyrene | 23.416 | 252 | 1998192 | 49.703 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 25.921 | 278 | 2084809 | 48.219 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 26.639 | 276 | 2028232 | 48.952 | ng | # | 91 |

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

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