Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007092.D
Acq On : 22 Sep 2021 11:22
Operator : CG/JU
Sample : PB139216BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB139216BS

**Manual Integrations APPROVED**
mohammad
9/23/2021 1:21:14 PM

Quant Time: Sep 22 12:08:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.899 | 152 | 311233 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.704 | 136 | 1284439 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.534 | 164 | 825556 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.286 | 188 | 1692105 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 21.368 | 240 | 1665973 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 23.786 | 264 | 1643269 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.469 | 112 | 2454152 | 131.995 | ng | 0.00 |
| 7) Phenol-d6 | 7.069 | 99 | 3035218 | 119.441 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.063 | 82 | 1721232 | 78.040 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.028 | 330 | 1248945 | 116.692 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.163 | 172 | 4244351 | 73.654 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.839 | 244 | 6559112 | 75.445 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.358 | 88 | 261836 | 34.824 | ng | # 87 |
| 3) Pyridine | 3.763 | 79 | 697460 | 33.899 | ng | # 83 |
| 4) n-Nitrosodimethylamine | 3.675 | 42 | 324057 | 45.943 | ng | # 80 |
| 6) Aniline | 7.228 | 93 | 1210199 | 43.204 | ng | 99 |
| 8) 2-Chlorophenol | 7.463 | 128 | 910036 | 45.036 | ng | 97 |
| 9) Benzaldehyde | 7.040 | 77 | 528384m | 36.912 | ng | |
| 10) Phenol | 7.093 | 94 | 1133813 | 46.278 | ng | 92 |
| 11) bis(2-Chloroethyl)ether | 7.322 | 93 | 830552 | 42.947 | ng | 94 |
| 12) 1,3-Dichlorobenzene | 7.787 | 146 | 933405 | 40.951 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.934 | 146 | 959452 | 41.290 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.251 | 146 | 929425 | 41.276 | ng | 99 |
| 15) Benzyl Alcohol | 8.140 | 79 | 732965 | 45.034 | ng | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.428 | 45 | 996766 | 45.013 | ng | 88 |
| 17) 2-Methylphenol | 8.346 | 107 | 747949 | 45.286 | ng | 93 |
| 18) Hexachloroethane | 8.981 | 117 | 329496 | 42.234 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.716 | 70 | 586944 | 42.467 | ng | 99 |
| 20) 3+4-Methylphenols | 8.675 | 107 | 1015649 | 44.473 | ng | 95 |
| 22) Acetophenone | 8.728 | 105 | 1272573 | 41.118 | ng | 99 |
| 24) Nitrobenzene | 9.104 | 77 | 899749 | 42.788 | ng | 98 |
| 25) Isophorone | 9.634 | 82 | 1606146 | 41.762 | ng | 99 |
| 26) 2-Nitrophenol | 9.816 | 139 | 451441 | 41.171 | ng | # 89 |
| 27) 2,4-Dimethylphenol | 9.875 | 122 | 835126 | 48.372 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 10.116 | 93 | 1078151 | 39.735 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.351 | 162 | 857369 | 42.571 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.563 | 180 | 887986 | 38.703 | ng | 98 |
| 31) Naphthalene | 10.751 | 128 | 2625034 | 40.044 | ng | 100 |
| 32) Benzoic acid | 10.022 | 122 | 546254 | 41.167 | ng | 93 |
| 33) 4-Chloroaniline | 10.863 | 127 | 848912 | 31.346 | ng | 98 |
| 34) Hexachlorobutadiene | 11.040 | 225 | 523656 | 38.119 | ng | 99 |
| 35) Caprolactam | 11.663 | 113 | 269206m | 43.450 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.987 | 107 | 879418 | 42.959 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.363 | 142 | 1929518 | 42.036 | ng | 95 |
| 38) 1-Methylnaphthalene | 12.581 | 142 | 1782552 | 39.745 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.728 | 216 | 1000341 | 39.568 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.710 | 237 | 1300279 | 92.799 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.969 | 196 | 693453 | 40.199 | ng | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.039 | 196 | 767006 | 41.289 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.369 | 154 | 2354799 | 38.348 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.410 | 162 | 1884610 | 39.620 | ng | | 98 |
| 48) 2-Nitroaniline | 13.616 | 65 | 514177 | 44.336 | ng | | 94 |
| 49) Acenaphthylene | 14.257 | 152 | 3016220 | 41.170 | ng | | 100 |
| 50) Dimethylphthalate | 13.998 | 163 | 2400839 | 40.434 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.110 | 165 | 527140 | 43.462 | ng | | 94 |
| 52) Acenaphthene | 14.598 | 154 | 1805842 | 40.683 | ng | | 99 |
| 53) 3-Nitroaniline | 14.439 | 138 | 457707 | 34.902 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.645 | 184 | 643636 | 92.122 | ng | | 91 |
| 55) Dibenzofuran | 14.933 | 168 | 2900826 | 39.169 | ng | | 95 |
| 56) 4-Nitrophenol | 14.751 | 139 | 997212 | 93.665 | ng | # | 78 |
| 57) 2,4-Dinitrotoluene | 14.898 | 165 | 722511 | 45.142 | ng | | 94 |
| 58) Fluorene | 15.581 | 166 | 2319281 | 40.538 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232 | 655765m | 40.201 | ng | | |
| 60) Diethylphthalate | 15.357 | 149 | 2346876 | 40.790 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.575 | 204 | 1186031 | 39.229 | ng | | 93 |
| 62) 4-Nitroaniline | 15.604 | 138 | 564456 | 42.798 | ng | # | 79 |
| 63) Azobenzene | 15.869 | 77 | 2066959 | 41.458 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 198 | 396164 | 39.014 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.792 | 169 | 2067579 | 41.066 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.475 | 248 | 739281 | 39.863 | ng | | 94 |
| 68) Hexachlorobenzene | 16.586 | 284 | 830177 | 40.504 | ng | | 98 |
| 69) Atrazine | 16.751 | 200 | 759068 | 42.772 | ng | | 97 |
| 70) Pentachlorophenol | 16.933 | 266 | 1121583 | 88.115 | ng | | 99 |
| 71) Phenanthrene | 17.327 | 178 | 3706507 | 40.852 | ng | | 99 |
| 72) Anthracene | 17.416 | 178 | 3739122 | 42.128 | ng | | 99 |
| 73) Carbazole | 17.686 | 167 | 3444418 | 39.603 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.239 | 149 | 3980146 | 41.294 | ng | | 98 |
| 75) Fluoranthene | 19.292 | 202 | 4324937 | 41.374 | ng | | 96 |
| 77) Benzidine | 19.469 | 184 | 2872006 | 56.096 | ng | | 99 |
| 78) Pyrene | 19.645 | 202 | 4446533 | 40.681 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.516 | 149 | 1797168 | 41.057 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.351 | 228 | 4309675 | 39.854 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.286 | 252 | 1403998 | 37.805 | ng | | 98 |
| 83) Chrysene | 21.404 | 228 | 4198379 | 40.622 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149 | 2629173 | 41.778 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.210 | 149 | 4542508 | 42.397 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.321 | 276 | 5074292 | 42.968 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.051 | 252 | 4512390 | 45.949 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 23.098 | 252 | 4290674 | 43.153 | ng | # | 98 |
| 90) Benzo(a)pyrene | 23.680 | 252 | 4282679 | 51.331 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 26.345 | 278 | 4366582 | 44.122 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 27.109 | 276 | 4234522 | 43.845 | ng | # | 94 |

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

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