Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009483.D
Acq On : 22 Mar 2022 12:20
Operator : CG/JU
Sample : PB143421BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB143421BS

Quant Time: Mar 23 01:20:28 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

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.793 | 152 | 409221 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.587 | 136 | 1540071 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.440 | 164 | 862084 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.198 | 188 | 1601892 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.310 | 240 | 1367524 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.716 | 264 | 1324954 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.399 | 112 | 3237090 | 138.110 | ng | 0.00 |
| 7) Phenol-d6 | 6.987 | 99 | 3917256 | 123.583 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.952 | 82 | 2423584 | 83.626 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.934 | 330 | 1352233 | 95.054 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.057 | 172 | 5216966 | 83.892 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.775 | 244 | 6553739 | 86.019 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.334 | 88 | 369499 | 39.801 | ng | 99 |
| 3) Pyridine | 3.722 | 79 | 976047 | 39.036 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 444938 | 48.319 | ng | 98 |
| 6) Aniline | 7.128 | 93 | 1390796 | 38.498 | ng | 98 |
| 8) 2-Chlorophenol | 7.369 | 128 | 1167853 | 43.696 | ng | 98 |
| 9) Benzaldehyde | 6.940 | 77 | 618864 | 40.976 | ng | 96 |
| 10) Phenol | 7.011 | 94 | 1429656 | 44.958 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.222 | 93 | 1108774 | 44.057 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.687 | 146 | 1286989 | 42.664 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.828 | 146 | 1306813 | 42.371 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.146 | 146 | 1252222 | 42.006 | ng | 99 |
| 15) Benzyl Alcohol | 8.040 | 79 | 947136 | 37.478 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328 | 45 | 1256466 | 46.057 | ng | 97 |
| 17) 2-Methylphenol | 8.252 | 107 | 917873 | 41.886 | ng | 99 |
| 18) Hexachloroethane | 8.869 | 117 | 457342 | 42.312 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.605 | 70 | 803318 | 40.068 | ng | 99 |
| 20) 3+4-Methylphenols | 8.581 | 107 | 1216861 | 40.385 | ng | 99 |
| 22) Acetophenone | 8.616 | 105 | 1609830 | 42.233 | ng | 99 |
| 24) Nitrobenzene | 8.993 | 77 | 1217254 | 44.462 | ng | 98 |
| 25) Isophorone | 9.522 | 82 | 2164754 | 43.790 | ng | 99 |
| 26) 2-Nitrophenol | 9.704 | 139 | 585968 | 41.062 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.781 | 122 | 992616 | 49.295 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.004 | 93 | 1348615 | 41.899 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.252 | 162 | 1003849 | 40.870 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.451 | 180 | 1147099 | 40.310 | ng | 99 |
| 31) Naphthalene | 10.640 | 128 | 3323358 | 41.893 | ng | 100 |
| 32) Benzoic acid | 9.957 | 122 | 553189 | 35.138 | ng | 95 |
| 33) 4-Chloroaniline | 10.757 | 127 | 522120 | 16.129 | ng | 98 |
| 34) Hexachlorobutadiene | 10.928 | 225 | 729737 | 37.846 | ng | 99 |
| 35) Caprolactam | 11.546 | 113 | 279461 | 33.713 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 11.898 | 107 | 981270 | 37.179 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.251 | 142 | 2232292 | 40.106 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.475 | 142 | 2133932 | 39.355 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.628 | 216 | 1234861 | 43.172 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.610 | 237 | 1309331 | 102.868 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.875 | 196 | 764461 | 40.322 | ng | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.951 | 196 | 817157 | 39.691 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.269 | 154 | 2815822 | 43.784 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.310 | 162 | 2184522 | 43.144 | ng | 99 |
| 48) 2-Nitroaniline | 13.516 | 65 | 575097 | 41.703 | ng | 99 |
| 49) Acenaphthylene | 14.157 | 152 | 3524378 | 45.090 | ng | 100 |
| 50) Dimethylphthalate | 13.898 | 163 | 2497494 | 38.233 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.016 | 165 | 556539 | 40.663 | ng | 99 |
| 52) Acenaphthene | 14.498 | 154 | 1967332 | 42.134 | ng | 100 |
| 53) 3-Nitroaniline | 14.345 | 138 | 295823 | 20.463 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.563 | 184 | 562746 | 66.953 | ng | 98 |
| 55) Dibenzofuran | 14.839 | 168 | 3143953 | 40.080 | ng | 100 |
| 56) 4-Nitrophenol | 14.681 | 139 | 830065 | 77.031 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.810 | 165 | 726096 | 38.583 | ng | 99 |
| 58) Fluorene | 15.492 | 166 | 2428276 | 39.361 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.075 | 232 | 680851 | 36.479 | ng | 95 |
| 60) Diethylphthalate | 15.269 | 149 | 2376059 | 36.343 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.487 | 204 | 1276212 | 37.553 | ng | 97 |
| 62) 4-Nitroaniline | 15.516 | 138 | 507072 | 33.400 | ng | 97 |
| 63) Azobenzene | 15.781 | 77 | 2309387 | 40.607 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 198 | 376769 | 36.577 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.704 | 169 | 2105219 | 44.410 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.386 | 248 | 786146 | 40.106 | ng | 96 |
| 68) Hexachlorobenzene | 16.504 | 284 | 882886 | 39.136 | ng | 99 |
| 69) Atrazine | 16.669 | 200 | 715938 | 42.956 | ng | 98 |
| 70) Pentachlorophenol | 16.857 | 266 | 978742 | 81.160 | ng | 99 |
| 71) Phenanthrene | 17.239 | 178 | 3630507 | 42.338 | ng | 100 |
| 72) Anthracene | 17.334 | 178 | 3658122 | 43.208 | ng | 100 |
| 73) Carbazole | 17.610 | 167 | 3236821 | 39.093 | ng | 99 |
| 74) Di-n-butylphthalate | 18.169 | 149 | 3714041 | 38.279 | ng | 99 |
| 75) Fluoranthene | 19.222 | 202 | 3980916 | 38.347 | ng | 99 |
| 77) Benzidine | 19.404 | 184 | 1434299 | 42.790 | ng | 100 |
| 78) Pyrene | 19.575 | 202 | 4081264 | 45.290 | ng | 100 |
| 80) Butylbenzylphthalate | 20.457 | 149 | 1519627 | 39.675 | ng | 99 |
| 81) Benzo(a)anthracene | 21.298 | 228 | 3776446 | 42.033 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.233 | 252 | 1007877 | 29.038 | ng | 99 |
| 83) Chrysene | 21.345 | 228 | 3516020 | 41.328 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.233 | 149 | 2161822 | 40.493 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.157 | 149 | 3567139 | 38.764 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.209 | 276 | 4050225 | 40.292 | ng | 97 |
| 88) Benzo(b)fluoranthene | 22.980 | 252 | 3635508 | 45.963 | ng | 98 |
| 89) Benzo(k)fluoranthene | 23.027 | 252 | 3597440 | 46.453 | ng | 98 |
| 90) Benzo(a)pyrene | 23.610 | 252 | 3491211 | 51.589 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 26.233 | 278 | 3578486 | 42.714 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.980 | 276 | 3533937 | 42.879 | ng | 97 |

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

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