Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016490.D
Acq On : 03 Aug 2023 13:59
Operator : MA/JU
Sample : PB154372BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB154372BS

Quant Time: Aug 03 18:27:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 18:07:40 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.069 | 152 | 378314 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.904 | 136 | 1424854 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.721 | 164 | 760582 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.486 | 188 | 1524659 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.586 | 240 | 1317446 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.174 | 264 | 1509682 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.587 | 112 | 3201549 | 138.061 | ng | | 0.00 |
| 7) Phenol-d6 | 7.216 | 99 | 3912186 | 123.083 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.269 | 82 | 2323065 | 91.267 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.216 | 330 | 1246626 | 111.413 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.345 | 172 | 4792684 | 90.340 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.033 | 244 | 6265145 | 100.457 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.440 | 88 | 415685 | 45.962 | ng | | 99 |
| 3) Pyridine | 3.857 | 79 | 1095044 | 40.506 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.781 | 42 | 461529 | 45.279 | ng | | 99 |
| 6) Aniline | 7.404 | 93 | 1207921 | 30.767 | ng | | 100 |
| 8) 2-Chlorophenol | 7.622 | 128 | 1191881 | 49.020 | ng | | 96 |
| 9) Benzaldehyde | 7.222 | 77 | 655546 | 46.246 | ng | | 99 |
| 10) Phenol | 7.240 | 94 | 1498083 | 48.533 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.498 | 93 | 1186010 | 47.268 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.951 | 146 | 1318019 | 50.496 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.110 | 146 | 1342321 | 50.697 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.422 | 146 | 1267975 | 49.738 | ng | | 99 |
| 15) Benzyl Alcohol | 8.322 | 79 | 993819 | 45.766 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.604 | 45 | 1344000 | 47.231 | ng | | 99 |
| 17) 2-Methylphenol | 8.504 | 107 | 972445 | 43.714 | ng | | 99 |
| 18) Hexachloroethane | 9.145 | 117 | 485133 | 51.368 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.892 | 70 | 824187 | 41.390 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.839 | 107 | 1291914 | 42.761 | ng | | 100 |
| 22) Acetophenone | 8.916 | 105 | 1713995 | 47.644 | ng | # | 100 |
| 24) Nitrobenzene | 9.310 | 77 | 1261025 | 48.235 | ng | | 98 |
| 25) Isophorone | 9.828 | 82 | 2244309 | 43.673 | ng | | 99 |
| 26) 2-Nitrophenol | 10.016 | 139 | 565576 | 50.051 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.051 | 122 | 1019873 | 44.361 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.316 | 93 | 1466098 | 46.576 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.539 | 162 | 1019494 | 47.384 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.751 | 180 | 1120862 | 48.097 | ng | | 99 |
| 31) Naphthalene | 10.957 | 128 | 3442026 | 46.183 | ng | | 99 |
| 32) Benzoic acid | 10.175 | 122 | 666909 | 44.710 | ng | | 98 |
| 33) 4-Chloroaniline | 11.080 | 127 | 676045 | 20.109 | ng | | 100 |
| 34) Hexachlorobutadiene | 11.192 | 225 | 634825 | 46.011 | ng | | 99 |
| 35) Caprolactam | 11.898 | 113 | 319021 | 40.578 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 12.169 | 107 | 1071885 | 44.818 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.551 | 142 | 2266282 | 41.857 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.775 | 142 | 2159270 | 42.538 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.904 | 216 | 1135128 | 49.111 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.857 | 237 | 1417437 | 122.104 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.151 | 196 | 760828 | 51.302 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.216 | 196 | 829181 | 46.084 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.557 | 154 | 2849332 | 49.145 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.604 | 162 | 2198013 | 50.251 | ng | | 99 |
| 48) 2-Nitroaniline | 13.827 | 65 | 620337 | 50.313 | ng | | 98 |
| 49) Acenaphthylene | 14.451 | 152 | 3561448 | 49.073 | ng | | 99 |
| 50) Dimethylphthalate | 14.180 | 163 | 2635608 | 44.468 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.316 | 165 | 579695 | 47.743 | ng | | 94 |
| 52) Acenaphthene | 14.786 | 154 | 2031051 | 47.062 | ng | | 99 |
| 53) 3-Nitroaniline | 14.651 | 138 | 432526 | 31.508 | ng | | 88 |
| 54) 2,4-Dinitrophenol | 14.851 | 184 | 575829 | 99.235 | ng | | 98 |
| 55) Dibenzofuran | 15.121 | 168 | 3243369 | 45.823 | ng | | 100 |
| 56) 4-Nitrophenol | 14.933 | 139 | 1088987 | 101.342 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 15.098 | 165 | 771742 | 48.769 | ng | | 98 |
| 58) Fluorene | 15.768 | 166 | 2526785 | 45.440 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.333 | 232 | 677081 | 45.746 | ng | | 93 |
| 60) Diethylphthalate | 15.533 | 149 | 2582577 | 43.846 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.763 | 204 | 1229478 | 43.815 | ng | | 97 |
| 62) 4-Nitroaniline | 15.821 | 138 | 587255 | 43.107 | ng | | 96 |
| 63) Azobenzene | 16.057 | 77 | 2567294 | 46.161 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.845 | 198 | 373017 | 51.692 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 15.986 | 169 | 2214307 | 49.280 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.663 | 248 | 743312 | 46.042 | ng | | 93 |
| 68) Hexachlorobenzene | 16.745 | 284 | 860676 | 47.806 | ng | | 95 |
| 69) Atrazine | 16.939 | 200 | 748549 | 56.017 | ng | | 99 |
| 70) Pentachlorophenol | 17.110 | 266 | 986925 | 79.214 | ng | | 94 |
| 71) Phenanthrene | 17.533 | 178 | 3894045 | 48.099 | ng | | 100 |
| 72) Anthracene | 17.621 | 178 | 3892679 | 47.818 | ng | | 100 |
| 73) Carbazole | 17.898 | 167 | 3656047 | 47.902 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.415 | 149 | 4271953 | 48.380 | ng | | 99 |
| 75) Fluoranthene | 19.486 | 202 | 4303693 | 45.354 | ng | | 98 |
| 77) Benzidine | 19.686 | 184 | 1769026 | 77.448 | ng | | 99 |
| 78) Pyrene | 19.845 | 202 | 4512498 | 51.095 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.709 | 149 | 1880327 | 54.195 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.568 | 228 | 4315266 | 48.818 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.503 | 252 | 1063314 | 36.645 | ng | | 99 |
| 83) Chrysene | 21.627 | 228 | 3952710 | 46.828 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.451 | 149 | 2758165 | 52.950 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.445 | 149 | 4729308 | 53.983 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.950 | 276 | 5312269 | 52.193 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 23.368 | 252 | 4443547 | 50.777 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.427 | 252 | 4288014 | 48.180 | ng | # | 98 |
| 90) Benzo(a)pyrene | 24.062 | 252 | 3958194 | 46.697 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.980 | 278 | 4455160 | 52.488 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.809 | 276 | 4316967 | 52.778 | ng | | 96 |

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

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