Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139997.D
Acq On : 24 Oct 2024 13:21
Operator : RC/JU
Sample : PB164208BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB164208BS

Quant Time: Oct 24 13:41:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 146768 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 559393 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.927 | 164 | 307081 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 545635 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 272685 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 290439 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 1173430 | 125.163 | ng | 0.02 |
| 7) Phenol-d6 | 6.516 | 99 | 1488768 | 122.609 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 961002 | 95.214 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 445211 | 154.999 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 1726013 | 92.893 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1757783 | 105.040 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.763 | 88 | 164401 | 37.610 | ng | 94 |
| 3) Pyridine | 3.522 | 79 | 434284 | 40.082 | ng | 94 |
| 4) n-Nitrosodimethylamine | 3.469 | 42 | 237180 | 40.744 | ng | 94 |
| 6) Aniline | 6.551 | 93 | 457846 | 40.458 | ng | 98 |
| 8) 2-Chlorophenol | 6.675 | 128 | 456067 | 47.585 | ng | 97 |
| 9) Benzaldehyde | 6.439 | 77 | 109292 | 16.000 | ng | 98 |
| 10) Phenol | 6.528 | 94 | 560448m | 44.770 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 441357 | 45.615 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 487132 | 44.277 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 492253 | 44.784 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.057 | 146 | 477151 | 46.512 | ng | 99 |
| 15) Benzyl Alcohol | 7.028 | 79 | 411790 | 46.233 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 714292 | 43.295 | ng | 97 |
| 17) 2-Methylphenol | 7.134 | 107 | 374494 | 45.823 | ng | 100 |
| 18) Hexachloroethane | 7.404 | 117 | 175746 | 44.837 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 329758 | 44.778 | ng | 96 |
| 20) 3+4-Methylphenols | 7.286 | 107 | 460785 | 44.080 | ng | 94 |
| 22) Acetophenone | 7.298 | 105 | 614828 | 44.873 | ng | 98 |
| 24) Nitrobenzene | 7.469 | 77 | 496780 | 44.893 | ng | 100 |
| 25) Isophorone | 7.710 | 82 | 894254 | 46.681 | ng | 99 |
| 26) 2-Nitrophenol | 7.786 | 139 | 238511 | 57.133 | ng | 95 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 378965 | 54.441 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.916 | 93 | 533558 | 45.971 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 377651 | 47.630 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 399159 | 45.497 | ng | 99 |
| 31) Naphthalene | 8.192 | 128 | 1311180 | 45.448 | ng | 100 |
| 32) Benzoic acid | 7.933 | 122 | 293183 | 48.289 | ng | 95 |
| 33) 4-Chloroaniline | 8.239 | 127 | 217150 | 22.074 | ng | 97 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 260021 | 47.170 | ng | 98 |
| 35) Caprolactam | 8.610 | 113 | 120588m | 47.832 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 407211 | 46.382 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.886 | 142 | 828427 | 46.886 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.986 | 142 | 770255 | 44.433 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 399655 | 48.241 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 516673 | 179.237 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 296773 | 50.597 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 289527 | 47.844 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 1005890 | 47.054 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 800201 | 46.476 | ng | | 99 |
| 48) 2-Nitroaniline | 9.469 | 65 | 270414 | 51.352 | ng | | 91 |
| 49) Acenaphthylene | 9.792 | 152 | 1236148 | 49.661 | ng | | 100 |
| 50) Dimethylphthalate | 9.651 | 163 | 921402 | 48.172 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 204338 | 49.339 | ng | | 96 |
| 52) Acenaphthene | 9.963 | 154 | 870187 | 54.042 | ng | | 98 |
| 53) 3-Nitroaniline | 9.875 | 138 | 134327 | 31.452 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 225831 | 127.062 | ng | # | 1 |
| 55) Dibenzofuran | 10.133 | 168 | 1088550 | 47.118 | ng | | 99 |
| 56) 4-Nitrophenol | 10.033 | 139 | 343997 | 104.692 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 275731 | 54.140 | ng | | 95 |
| 58) Fluorene | 10.480 | 166 | 823797 | 46.816 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 246162 | 51.890 | ng | | 97 |
| 60) Diethylphthalate | 10.351 | 149 | 892502 | 47.523 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 421137 | 47.392 | ng | | 98 |
| 62) 4-Nitroaniline | 10.492 | 138 | 200030 | 49.590 | ng | | 95 |
| 63) Azobenzene | 10.627 | 77 | 917547 | 46.084 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 151935 | 68.266 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 769526 | 47.121 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248 | 275211 | 48.961 | ng | | 93 |
| 68) Hexachlorobenzene | 11.027 | 284 | 307480 | 48.638 | ng | | 94 |
| 69) Atrazine | 11.116 | 200 | 251414 | 56.833 | ng | | 99 |
| 70) Pentachlorophenol | 11.216 | 266 | 383001 | 99.824 | ng | | 100 |
| 71) Phenanthrene | 11.439 | 178 | 1222910 | 47.448 | ng | | 100 |
| 72) Anthracene | 11.492 | 178 | 1239887 | 49.306 | ng | | 100 |
| 73) Carbazole | 11.645 | 167 | 1069883 | 45.747 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.974 | 149 | 1293914 | 47.887 | ng | | 100 |
| 75) Fluoranthene | 12.627 | 202 | 1212798 | 46.548 | ng | | 100 |
| 77) Benzidine | 12.745 | 184 | 229171 | 51.110 | ng | | 99 |
| 78) Pyrene | 12.857 | 202 | 1214033 | 50.862 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 390860 | 54.620 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 885407 | 49.880 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 193751 | 37.436 | ng | | 99 |
| 83) Chrysene | 14.080 | 228 | 793014 | 48.725 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 433847 | 54.037 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 716965 | 49.097 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 1042017 | 55.769 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 764657 | 43.220 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 775417 | 50.820 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 763391 | 52.439 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 854677 | 54.832 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 797561 | 51.226 | ng | | 98 |

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

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