Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
Data File : BF141065.D
Acq On : 03 Jan 2025 14:03
Operator : RC/JU
Sample : PB165945BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB165945BS

Quant Time: Jan 03 14:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.828 | 152 | 261678 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.110 | 136 | 1044303 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.863 | 164 | 561214 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.345 | 188 | 930135 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.992 | 240 | 595107 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.457 | 264 | 551132 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.451 | 112 | 2192753 | 126.312 | ng | | 0.02 |
| 7) Phenol-d6 | 6.457 | 99 | 2777986 | 124.221 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 1773872 | 108.674 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.651 | 330 | 859584 | 157.625 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.186 | 172 | 3090607 | 87.740 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.933 | 244 | 3453233 | 96.383 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.663 | 88 | 308273 | 39.224 | ng | | 98 |
| 3) Pyridine | 3.399 | 79 | 813345 | 42.346 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.352 | 42 | 434558 | 44.654 | ng | | 99 |
| 6) Aniline | 6.487 | 93 | 971953 | 48.732 | ng | | 95 |
| 8) 2-Chlorophenol | 6.610 | 128 | 904395 | 49.413 | ng | | 97 |
| 9) Benzaldehyde | 6.375 | 77 | 156674 | 7.635 | ng | | 97 |
| 10) Phenol | 6.469 | 94 | 1104713 | 47.773 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 6.563 | 93 | 850232 | 45.537 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.769 | 146 | 918544 | 45.475 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.845 | 146 | 928083 | 45.578 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.998 | 146 | 885030 | 46.617 | ng | | 98 |
| 15) Benzyl Alcohol | 6.969 | 79 | 770181 | 47.926 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104 | 45 | 1297222 | 45.941 | ng | | 98 |
| 17) 2-Methylphenol | 7.075 | 107 | 726082 | 47.752 | ng | | 100 |
| 18) Hexachloroethane | 7.340 | 117 | 338952 | 46.859 | ng | | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.245 | 70 | 621530 | 45.366 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.234 | 107 | 855069 | 44.438 | ng | # | 80 |
| 22) Acetophenone | 7.239 | 105 | 1147179 | 44.780 | ng | | 98 |
| 24) Nitrobenzene | 7.410 | 77 | 924281 | 50.676 | ng | | 96 |
| 25) Isophorone | 7.651 | 82 | 1687984 | 47.523 | ng | | 99 |
| 26) 2-Nitrophenol | 7.728 | 139 | 447221 | 58.525 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.763 | 122 | 728497 | 56.119 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.863 | 93 | 1031419 | 45.832 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.963 | 162 | 719786 | 48.890 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.051 | 180 | 755576 | 45.342 | ng | | 99 |
| 31) Naphthalene | 8.134 | 128 | 2500894 | 45.447 | ng | | 100 |
| 32) Benzoic acid | 7.881 | 122 | 554184 | 51.255 | ng | | 96 |
| 33) 4-Chloroaniline | 8.175 | 127 | 493711 | 24.800 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.251 | 225 | 455803 | 46.398 | ng | | 99 |
| 35) Caprolactam | 8.545 | 113 | 244555m | 48.861 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.657 | 107 | 780837 | 47.757 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.822 | 142 | 1626476 | 46.202 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.922 | 142 | 1522459 | 44.005 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.986 | 216 | 723909 | 46.886 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.975 | 237 | 909341 | 177.726 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.098 | 196 | 530051 | 51.582 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.133 | 196 | 527631 | 50.183 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.286 | 154 | 1978272 | 46.036 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.310 | 162 | 1501403 | 45.050 | ng | | 100 |
| 48) 2-Nitroaniline | 9.404 | 65 | 484004 | 54.786 | ng | | 92 |
| 49) Acenaphthylene | 9.728 | 152 | 2345475 | 48.888 | ng | | 99 |
| 50) Dimethylphthalate | 9.586 | 163 | 1792105 | 48.547 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.645 | 165 | 408682 | 53.808 | ng | | 95 |
| 52) Acenaphthene | 9.898 | 154 | 1691822 | 52.161 | ng | | 100 |
| 53) 3-Nitroaniline | 9.810 | 138 | 293424 | 36.667 | ng | # | 93 |
| 54) 2,4-Dinitrophenol | 9.922 | 184 | 403862 | 113.034 | ng | # | 1 |
| 55) Dibenzofuran | 10.069 | 168 | 2127512 | 46.675 | ng | | 100 |
| 56) 4-Nitrophenol | 9.975 | 139 | 701887 | 111.154 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 10.051 | 165 | 542028 | 57.822 | ng | | 95 |
| 58) Fluorene | 10.410 | 166 | 1593297 | 45.077 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232 | 465819 | 53.494 | ng | | 98 |
| 60) Diethylphthalate | 10.286 | 149 | 1726921 | 47.386 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204 | 784094 | 46.102 | ng | | 98 |
| 62) 4-Nitroaniline | 10.428 | 138 | 430938 | 52.362 | ng | | 95 |
| 63) Azobenzene | 10.563 | 77 | 1750610 | 45.765 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198 | 279427 | 70.024 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.522 | 169 | 1481992 | 50.598 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248 | 523658 | 52.080 | ng | | 99 |
| 68) Hexachlorobenzene | 10.957 | 284 | 574476 | 51.815 | ng | | 99 |
| 69) Atrazine | 11.051 | 200 | 523276 | 63.950 | ng | | 99 |
| 70) Pentachlorophenol | 11.151 | 266 | 736673 | 106.719 | ng | | 100 |
| 71) Phenanthrene | 11.375 | 178 | 2438164 | 49.805 | ng | | 99 |
| 72) Anthracene | 11.427 | 178 | 2458121 | 51.244 | ng | | 99 |
| 73) Carbazole | 11.575 | 167 | 2220304 | 48.149 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.910 | 149 | 2577929 | 49.151 | ng | | 100 |
| 75) Fluoranthene | 12.557 | 202 | 2511239 | 47.298 | ng | | 100 |
| 77) Benzidine | 12.680 | 184 | 795068 | 63.216 | ng | | 100 |
| 78) Pyrene | 12.786 | 202 | 2546390 | 48.925 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.410 | 149 | 983900 | 51.771 | ng | | 100 |
| 81) Benzo(a)anthracene | 13.980 | 228 | 1908968 | 46.026 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.939 | 252 | 445199 | 35.727 | ng | | 100 |
| 83) Chrysene | 14.016 | 228 | 1790682 | 47.894 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149 | 1158907 | 47.010 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.604 | 149 | 1808132 | 50.676 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 16.915 | 276 | 1936057 | 55.758 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.033 | 252 | 1875492 | 48.792 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.063 | 252 | 1446451 | 48.013 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.398 | 252 | 1548930 | 51.917 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.939 | 278 | 1564146 | 55.572 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.357 | 276 | 1473013 | 50.458 | ng | | 98 |

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

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