

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139992.D
 Acq On : 24 Oct 2024 10:52
 Operator : RC/JU
 Sample : PB164312BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164312BS

Quant Time: Oct 24 11:20:25 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 | 158670 | 20.000 | ng | 0.00 | |
| 21) Naphthalene-d8 | 8.175 | 136 | 605986 | 20.000 | ng | 0.00 | |
| 39) Acenaphthene-d10 | 9.927 | 164 | 338004 | 20.000 | ng | 0.00 | |
| 64) Phenanthrene-d10 | 11.416 | 188 | 591954 | 20.000 | ng | 0.00 | |
| 76) Chrysene-d12 | 14.057 | 240 | 292113 | 20.000 | ng | 0.00 | |
| 86) Perylene-d12 | 15.533 | 264 | 314861 | 20.000 | ng | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 1308935 | 129.144 | ng | 0.02 | |
| 7) Phenol-d6 | 6.516 | 99 | 1648944 | 125.614 | ng | 0.00 | |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 1086965 | 99.414 | ng | 0.00 | |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 494913 | 156.540 | ng | 0.00 | |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 1920305 | 93.895 | ng | 0.00 | |
| 79) Terphenyl-d14 | 12.998 | 244 | 1881226 | 104.940 | ng | 0.00 | |
| Target Compounds | | | | | | | |
| 2) 1,4-Dioxane | 2.775 | 88 | 180701 | 38.238 | ng | | Qvalue 93 |
| 3) Pyridine | 3.528 | 79 | 476327 | 40.665 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.481 | 42 | 264705 | 42.061 | ng | | 94 |
| 6) Aniline | 6.551 | 93 | 590576 | 48.273 | ng | | 99 |
| 8) 2-Chlorophenol | 6.675 | 128 | 500078 | 48.263 | ng | | 97 |
| 9) Benzaldehyde | 6.439 | 77 | 110010 | 14.897 | ng | | 98 |
| 10) Phenol | 6.534 | 94 | 605793m | 44.763 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 480190 | 45.906 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 537956 | 45.228 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 540145 | 45.455 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 523441 | 47.197 | ng | | 98 |
| 15) Benzyl Alcohol | 7.028 | 79 | 454342 | 47.184 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 786365 | 44.088 | ng | | 97 |
| 17) 2-Methylphenol | 7.139 | 107 | 405261 | 45.868 | ng | | 100 |
| 18) Hexachloroethane | 7.404 | 117 | 194546 | 45.910 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 361075 | 45.352 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 492067 | 43.542 | ng | # | 81 |
| 22) Acetophenone | 7.298 | 105 | 677280 | 45.631 | ng | | 99 |
| 24) Nitrobenzene | 7.475 | 77 | 542543 | 45.258 | ng | | 98 |
| 25) Isophorone | 7.710 | 82 | 983786 | 47.406 | ng | | 100 |
| 26) 2-Nitrophenol | 7.786 | 139 | 262619 | 58.071 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 412612 | 54.717 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 586376 | 46.637 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 408904 | 47.607 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 439184 | 46.210 | ng | | 99 |
| 31) Naphthalene | 8.192 | 128 | 1446510 | 46.284 | ng | | 100 |
| 32) Benzoic acid | 7.939 | 122 | 317111 | 48.215 | ng | | 95 |
| 33) 4-Chloroaniline | 8.239 | 127 | 379752 | 35.634 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 283363 | 47.452 | ng | | 99 |
| 35) Caprolactam | 8.610 | 113 | 129458m | 47.402 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 442021 | 46.476 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.886 | 142 | 907765 | 47.426 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.986 | 142 | 843621 | 44.923 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 429093 | 47.056 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 572352 | 180.387 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 319801 | 49.535 | ng | | 99 |

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| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 315968 | 47.437 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 1081469 | 45.961 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 865022 | 45.644 | ng | 99 |
| 48) 2-Nitroaniline | 9.469 | 65 | 293375 | 50.615 | ng | 92 |
| 49) Acenaphthylene | 9.792 | 152 | 1341986 | 48.981 | ng | 100 |
| 50) Dimethylphthalate | 9.651 | 163 | 1002087 | 47.597 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 219806 | 48.219 | ng | 98 |
| 52) Acenaphthene | 9.963 | 154 | 929324 | 52.434 | ng | 99 |
| 53) 3-Nitroaniline | 9.880 | 138 | 180179 | 38.328 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 253310 | 129.360 | ng # | 1 |
| 55) Dibenzofuran | 10.133 | 168 | 1173942 | 46.165 | ng | 99 |
| 56) 4-Nitrophenol | 10.033 | 139 | 364335 | 100.737 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.116 | 165 | 299344 | 53.399 | ng | 95 |
| 58) Fluorene | 10.480 | 166 | 887613 | 45.828 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 264175 | 50.592 | ng | 97 |
| 60) Diethylphthalate | 10.351 | 149 | 948009 | 45.861 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 456284 | 46.650 | ng | 98 |
| 62) 4-Nitroaniline | 10.492 | 138 | 218664 | 49.250 | ng | 97 |
| 63) Azobenzene | 10.627 | 77 | 989662 | 45.159 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 166902 | 69.123 | ng | 91 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 819107 | 46.233 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248 | 296668 | 48.648 | ng | 94 |
| 68) Hexachlorobenzene | 11.027 | 284 | 328315 | 47.870 | ng | 96 |
| 69) Atrazine | 11.116 | 200 | 266196 | 55.466 | ng | 99 |
| 70) Pentachlorophenol | 11.216 | 266 | 403359 | 96.904 | ng | 98 |
| 71) Phenanthrene | 11.439 | 178 | 1310493 | 46.868 | ng | 100 |
| 72) Anthracene | 11.492 | 178 | 1322483 | 48.475 | ng | 100 |
| 73) Carbazole | 11.645 | 167 | 1132071 | 44.618 | ng | 99 |
| 74) Di-n-butylphthalate | 11.974 | 149 | 1350031 | 46.055 | ng | 100 |
| 75) Fluoranthene | 12.627 | 202 | 1261587 | 44.631 | ng | 99 |
| 77) Benzidine | 12.745 | 184 | 334255 | 69.588 | ng | 99 |
| 78) Pyrene | 12.857 | 202 | 1259310 | 49.250 | ng | 100 |
| 80) Butylbenzylphthalate | 13.474 | 149 | 394925 | 51.518 | ng | 98 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 918683 | 48.312 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 245591 | 44.296 | ng | 99 |
| 83) Chrysene | 14.080 | 228 | 844559 | 48.440 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 450798 | 52.414 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.645 | 149 | 771205 | 49.299 | ng | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 1098295 | 54.221 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 921966 | 48.069 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 724415 | 43.795 | ng | 99 |
| 90) Benzo(a)pyrene | 15.468 | 252 | 803529 | 50.915 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.051 | 278 | 903618 | 53.475 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.486 | 276 | 855224 | 50.669 | ng | 99 |

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

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