

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134197.D
 Acq On : 10 Jul 2023 21:09
 Operator : CG\JU
 Sample : 03507-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-3MS

Quant Time: Jul 11 01:57:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|-------------------------------|--------|------|----------|--------|-------|----------|-----|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.845 | 152 | 122400 | 20.000 | ng | 0.00 | |
| 21) Naphthalene-d8 | 8.128 | 136 | 446793 | 20.000 | ng | 0.00 | |
| 39) Acenaphthene-d10 | 9.886 | 164 | 149278 | 20.000 | ng | 0.00 | |
| 64) Phenanthrene-d10 | 11.380 | 188 | 286741 | 20.000 | ng | 0.00 | |
| 76) Chrysene-d12 | 14.045 | 240 | 234493 | 20.000 | ng | 0.00 | |
| 86) Perylene-d12 | 15.545 | 264 | 144987 | 20.000 | ng | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 648454 | 88.620 | ng | 0.01 | |
| 7) Phenol-d6 | 6.487 | 99 | 753465 | 83.730 | ng | 0.00 | |
| 23) Nitrobenzene-d5 | 7.410 | 82 | 545047 | 65.760 | ng | 0.00 | |
| 42) 2,4,6-Tribromophenol | 10.680 | 330 | 168350 | 89.947 | ng | 0.00 | |
| 45) 2-Fluorobiphenyl | 9.204 | 172 | 889127 | 86.597 | ng | 0.00 | |
| 79) Terphenyl-d14 | 12.974 | 244 | 836342 | 57.401 | ng | 0.00 | |
| Target Compounds | | | | | | | |
| 2) 1,4-Dioxane | 2.675 | 88 | 117566 | 38.966 | ng | | 98 |
| 3) Pyridine | 3.457 | 79 | 304448 | 38.740 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.422 | 42 | 201241 | 44.835 | ng | | 94 |
| 6) Aniline | 6.510 | 93 | 432149 | 39.465 | ng | | 92 |
| 8) 2-Chlorophenol | 6.634 | 128 | 365379 | 49.190 | ng | | 97 |
| 9) Benzaldehyde | 6.398 | 77 | 253759 | 57.899 | ng | | 96 |
| 10) Phenol | 6.498 | 94 | 423256 | 44.735 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.587 | 93 | 332804 | 47.777 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.787 | 146 | 364344 | 46.009 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.863 | 146 | 396782 | 49.607 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.016 | 146 | 375191 | 50.086 | ng | | 97 |
| 15) Benzyl Alcohol | 6.992 | 79 | 322459 | 46.483 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122 | 45 | 557755 | 45.260 | ng | | 97 |
| 17) 2-Methylphenol | 7.104 | 107 | 290299 | 43.644 | ng | | 98 |
| 18) Hexachloroethane | 7.351 | 117 | 141703 | 47.779 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 253901 | 44.492 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.257 | 107 | 343334 | 42.548 | ng | | 97 |
| 22) Acetophenone | 7.257 | 105 | 476825 | 46.926 | ng | | 98 |
| 24) Nitrobenzene | 7.428 | 77 | 396931 | 47.391 | ng | | 96 |
| 25) Isophorone | 7.669 | 82 | 679546 | 45.112 | ng | | 100 |
| 26) 2-Nitrophenol | 7.745 | 139 | 180901 | 45.023 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.781 | 122 | 304275 | 47.841 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.875 | 93 | 407085 | 46.671 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.986 | 162 | 285610 | 45.286 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.069 | 180 | 311702 | 47.898 | ng | | 99 |
| 31) Naphthalene | 8.151 | 128 | 980746 | 45.444 | ng | | 100 |
| 32) Benzoic acid | 7.875 | 122 | 125988m | 26.436 | ng | | |
| 33) 4-Chloroaniline | 8.198 | 127 | 289471 | 31.356 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.257 | 225 | 199346 | 48.561 | ng | | 98 |
| 35) Caprolactam | 8.575 | 113 | 71447 | 34.406 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.681 | 107 | 256363 | 36.184 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.839 | 142 | 611081 | 40.041 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.939 | 142 | 559233 | 39.416 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.004 | 216 | 283325 | 64.063 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.986 | 237 | 42586 | 20.297 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.122 | 196 | 173855 | 57.747 | ng | | 99 |

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| 44) 2,4,5-Trichlorophenol | 9.163 | 196 | 172727 | 48.774 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.304 | 154 | 668016 | 55.786 | ng | 98 |
| 47) 2-Chloronaphthalene | 9.328 | 162 | 523633 | 59.766 | ng | 98 |
| 48) 2-Nitroaniline | 9.428 | 65 | 178182 | 55.803 | ng | 98 |
| 49) Acenaphthylene | 9.745 | 152 | 708259 | 47.323 | ng | 100 |
| 50) Dimethylphthalate | 9.604 | 163 | 645469 | 59.566 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.675 | 165 | 114512 | 49.064 | ng | 95 |
| 52) Acenaphthene | 9.916 | 154 | 416654 | 47.977 | ng | 99 |
| 53) 3-Nitroaniline | 9.845 | 138 | 116713 | 41.684 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.957 | 184 | 4861 | 7.296 | ng | # 78 |
| 55) Dibenzofuran | 10.092 | 168 | 635606 | 46.831 | ng | 99 |
| 56) 4-Nitrophenol | 10.010 | 139 | 155512 | 79.403 | ng | 92 |
| 57) 2,4-Dinitrotoluene | 10.080 | 165 | 139982 | 45.416 | ng | 98 |
| 58) Fluorene | 10.433 | 166 | 526715 | 49.882 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.210 | 232 | 126476 | 45.276 | ng | 95 |
| 60) Diethylphthalate | 10.310 | 149 | 599299 | 53.084 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.427 | 204 | 260805 | 51.252 | ng | 97 |
| 62) 4-Nitroaniline | 10.457 | 138 | 125307 | 44.408 | ng | 95 |
| 63) Azobenzene | 10.586 | 77 | 543979 | 50.939 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198 | 7190 | 4.599 | ng | 78 |
| 66) n-Nitrosodiphenylamine | 10.545 | 169 | 469514 | 51.249 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 10.922 | 248 | 149684 | 49.113 | ng | 97 |
| 68) Hexachlorobenzene | 10.986 | 284 | 169607 | 52.413 | ng | 92 |
| 69) Atrazine | 11.080 | 200 | 146333 | 57.745 | ng | 98 |
| 70) Pentachlorophenol | 11.186 | 266 | 161984 | 83.720 | ng | 98 |
| 71) Phenanthrene | 11.404 | 178 | 706784 | 48.963 | ng | 99 |
| 72) Anthracene | 11.457 | 178 | 707865 | 47.147 | ng | 99 |
| 73) Carbazole | 11.616 | 167 | 699711 | 50.916 | ng | 99 |
| 74) Di-n-butylphthalate | 11.945 | 149 | 796658 | 48.748 | ng | 99 |
| 75) Fluoranthene | 12.598 | 202 | 832571 | 53.351 | ng | 99 |
| 77) Benzidine | 12.727 | 184 | 326640 | 58.542 | ng | 100 |
| 78) Pyrene | 12.833 | 202 | 784565 | 35.952 | ng | 100 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 384109 | 46.931 | ng | 93 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 733393 | 45.097 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.992 | 252 | 278578 | 54.069 | ng | # 97 |
| 83) Chrysene | 14.068 | 228 | 718927 | 45.642 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 466986 | 49.655 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 890612 | 64.450 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.092 | 276 | 486683 | 48.375 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 477138 | 55.967 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.133 | 252 | 467304 | 53.836 | ng | 97 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 378655 | 45.931 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.109 | 278 | 395936 | 48.182 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.562 | 276 | 400287 | 47.236 | ng | 99 |

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

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