Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138965.D
Acq On : 13 Aug 2024 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Quant Time: Aug 13 11:45:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.839 | 152 | 46987 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.122 | 136 | 189694 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.875 | 164 | 108534 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.363 | 188 | 193718 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.998 | 240 | 93804 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.462 | 264 | 93639 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.469 | 112 | 241732 | 79.416 | ng | | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 325552 | 79.661 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.410 | 82 | 329140 | 84.832 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.669 | 330 | 74564 | 83.870 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.198 | 172 | 596252 | 82.543 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.939 | 244 | 504053 | 89.966 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.587 | 88 | 47721 | 35.810 | ng | | 97 |
| 3) Pyridine | 3.346 | 79 | 115174 | 35.677 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.316 | 42 | 85416 | 44.426 | ng | # | 80 |
| 6) Aniline | 6.510 | 93 | 137097 | 37.616 | ng | # | 65 |
| 8) 2-Chlorophenol | 6.634 | 128 | 127368 | 39.771 | ng | | 100 |
| 9) Benzaldehyde | 6.398 | 77 | 90277 | 36.851 | ng | | 99 |
| 10) Phenol | 6.504 | 94 | 168509 | 39.162 | ng | # | 76 |
| 11) bis(2-Chloroethyl)ether | 6.581 | 93 | 126683 | 38.259 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.781 | 146 | 142552 | 39.765 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.857 | 146 | 144375 | 39.907 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.010 | 146 | 139453 | 41.246 | ng | | 98 |
| 15) Benzyl Alcohol | 6.992 | 79 | 126510 | 42.950 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116 | 45 | 210772 | 36.988 | ng | | 66 |
| 17) 2-Methylphenol | 7.104 | 107 | 104957 | 39.689 | ng | # | 91 |
| 18) Hexachloroethane | 7.345 | 117 | 55102 | 40.463 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.257 | 70 | 103190 | 41.806 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.263 | 107 | 143621 | 42.329 | ng | # | 81 |
| 22) Acetophenone | 7.257 | 105 | 196063 | 42.213 | ng | | 96 |
| 24) Nitrobenzene | 7.428 | 77 | 161626 | 40.938 | ng | | 99 |
| 25) Isophorone | 7.663 | 82 | 271632 | 41.000 | ng | | 98 |
| 26) 2-Nitrophenol | 7.745 | 139 | 69439 | 40.880 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.781 | 122 | 81769 | 40.235 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.869 | 93 | 157086 | 38.936 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.992 | 162 | 107612 | 41.207 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.063 | 180 | 123977 | 41.137 | ng | | 99 |
| 31) Naphthalene | 8.145 | 128 | 402596 | 40.320 | ng | | 100 |
| 32) Benzoic acid | 7.934 | 122 | 41753 | 26.136 | ng | | 98 |
| 33) 4-Chloroaniline | 8.198 | 127 | 128082 | 38.214 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.251 | 225 | 80583 | 44.145 | ng | | 97 |
| 35) Caprolactam | 8.581 | 113 | 33299 | 42.733 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 8.686 | 107 | 126700 | 42.452 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.833 | 142 | 263939 | 41.855 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.933 | 142 | 258191 | 41.783 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.998 | 216 | 120374 | 39.926 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.980 | 237 | 22558 | 32.772 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.122 | 196 | 70499 | 38.351 | ng | | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.169 | 196 | 77343 | 38.487 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.298 | 154 | 339171 | 39.901 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.322 | 162 | 250981 | 39.700 | ng | | 99 |
| 48) 2-Nitroaniline | 9.428 | 65 | 91268 | 42.585 | ng | | 95 |
| 49) Acenaphthylene | 9.739 | 152 | 357198 | 39.838 | ng | | 100 |
| 50) Dimethylphthalate | 9.598 | 163 | 291241 | 41.967 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.669 | 165 | 67281 | 42.959 | ng | | 87 |
| 52) Acenaphthene | 9.910 | 154 | 238425 | 39.557 | ng | | 99 |
| 53) 3-Nitroaniline | 9.845 | 138 | 64317 | 39.724 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.957 | 184 | 26906 | 37.319 | ng | # | 78 |
| 55) Dibenzofuran | 10.080 | 168 | 349823 | 41.116 | ng | | 99 |
| 56) 4-Nitrophenol | 10.022 | 139 | 41207 | 42.323 | ng | | 87 |
| 57) 2,4-Dinitrotoluene | 10.075 | 165 | 89344 | 44.712 | ng | # | 80 |
| 58) Fluorene | 10.422 | 166 | 291898 | 43.082 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232 | 63795 | 41.523 | ng | | 97 |
| 60) Diethylphthalate | 10.298 | 149 | 299444 | 45.507 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204 | 144826 | 43.462 | ng | | 95 |
| 62) 4-Nitroaniline | 10.457 | 138 | 63424 | 41.221 | ng | | 84 |
| 63) Azobenzene | 10.575 | 77 | 306678 | 42.022 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198 | 45307 | 38.336 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 10.533 | 169 | 236601 | 39.074 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248 | 81521 | 38.868 | ng | | 97 |
| 68) Hexachlorobenzene | 10.969 | 284 | 85468 | 39.467 | ng | | 97 |
| 69) Atrazine | 11.063 | 200 | 64679 | 41.401 | ng | | 96 |
| 70) Pentachlorophenol | 11.174 | 266 | 34309 | 35.149 | ng | | 98 |
| 71) Phenanthrene | 11.386 | 178 | 399518 | 40.052 | ng | | 99 |
| 72) Anthracene | 11.439 | 178 | 393434 | 40.037 | ng | | 100 |
| 73) Carbazole | 11.598 | 167 | 338647 | 39.944 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.916 | 149 | 448632 | 47.073 | ng | | 100 |
| 75) Fluoranthene | 12.574 | 202 | 381687 | 40.988 | ng | | 98 |
| 77) Benzidine | 12.698 | 184 | 65303 | 29.106 | ng | | 98 |
| 78) Pyrene | 12.804 | 202 | 372704 | 42.200 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.410 | 149 | 132619 | 46.891 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.992 | 228 | 265759 | 41.142 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.951 | 252 | 67501 | 40.835 | ng | | 98 |
| 83) Chrysene | 14.027 | 228 | 230220 | 39.504 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149 | 167488 | 40.442 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.574 | 149 | 266460 | 34.775 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.939 | 276 | 234418 | 34.933 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.039 | 252 | 239407 | 41.244 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 15.062 | 252 | 207707 | 41.328 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.404 | 252 | 200130 | 40.989 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.945 | 278 | 191802 | 34.819 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.380 | 276 | 187222 | 32.753 | ng | | 97 |

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

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