Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
Data File : BF135150.D
Acq On : 08 Sep 2023 16:55
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

Quant Time: Sep 09 02:26:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 02:14:04 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.763 | 152 | 111022 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.045 | 136 | 453697 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.798 | 164 | 240575 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.292 | 188 | 445038 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.945 | 240 | 268569 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.404 | 264 | 195391 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.387 | 112 | 161052 | 22.449 | ng | | 0.00 |
| 7) Phenol-d6 | 6.398 | 99 | 202509 | 22.433 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.322 | 82 | 178477 | 21.413 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.592 | 330 | 58994 | 21.806 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.122 | 172 | 351328 | 22.932 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.886 | 244 | 381238 | 21.858 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.475 | 88 | 32408 | 10.902 | ng | | 97 |
| 3) Pyridine | 3.234 | 79 | 83588 | 10.603 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.169 | 42 | 40371 | 10.229 | ng | | 100 |
| 6) Aniline | 6.428 | 93 | 123508 | 11.138 | ng | | 99 |
| 8) 2-Chlorophenol | 6.545 | 128 | 82269 | 11.111 | ng | | 99 |
| 9) Benzaldehyde | 6.316 | 77 | 60121 | 11.877 | ng | | 99 |
| 10) Phenol | 6.410 | 94 | 108086 | 11.444 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.504 | 93 | 76747 | 10.973 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.704 | 146 | 83348 | 11.015 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.781 | 146 | 82991 | 10.919 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.934 | 146 | 80271 | 11.282 | ng | | 95 |
| 15) Benzyl Alcohol | 6.904 | 79 | 72404 | 11.305 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.039 | 45 | 126307 | 11.119 | ng | | 99 |
| 17) 2-Methylphenol | 7.016 | 107 | 72215 | 11.060 | ng | | 98 |
| 18) Hexachloroethane | 7.269 | 117 | 29322 | 10.525 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.169 | 70 | 59763 | 10.977 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.175 | 107 | 91480 | 11.628 | ng | | 97 |
| 22) Acetophenone | 7.169 | 105 | 115510 | 11.038 | ng | # | 97 |
| 24) Nitrobenzene | 7.345 | 77 | 91156 | 10.768 | ng | | 97 |
| 25) Isophorone | 7.581 | 82 | 164913 | 10.594 | ng | | 99 |
| 26) 2-Nitrophenol | 7.663 | 139 | 42067 | 10.181 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.698 | 122 | 69917 | 10.711 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.798 | 93 | 97167 | 10.678 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.904 | 162 | 67630 | 10.622 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 7.986 | 180 | 75494 | 10.874 | ng | | 97 |
| 31) Naphthalene | 8.063 | 128 | 245924 | 10.943 | ng | | 99 |
| 32) Benzoic acid | 7.786 | 122 | 47548 | 9.445 | ng | | 90 |
| 33) 4-Chloroaniline | 8.116 | 127 | 103960 | 10.620 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.181 | 225 | 43660 | 10.927 | ng | | 99 |
| 35) Caprolactam | 8.463 | 113 | 20916 | 10.152 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.598 | 107 | 76809 | 10.743 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.757 | 142 | 171901 | 11.275 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.857 | 142 | 157333 | 11.141 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.922 | 216 | 74423 | 10.905 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.910 | 237 | 15288 | 11.658 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.033 | 196 | 48810 | 10.779 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.075 | 196 | 55333 | 10.561 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.222 | 154 | 208379 | 11.165 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.245 | 162 | 152057 | 10.974 | ng | | 100 |
| 48) 2-Nitroaniline | 9.345 | 65 | 50870 | 10.392 | ng | | 97 |
| 49) Acenaphthylene | 9.657 | 152 | 242473 | 11.322 | ng | | 99 |
| 50) Dimethylphthalate | 9.522 | 163 | 185833 | 10.778 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.586 | 165 | 40589 | 10.751 | ng | | 96 |
| 52) Acenaphthene | 9.833 | 154 | 148522 | 11.050 | ng | | 100 |
| 53) 3-Nitroaniline | 9.757 | 138 | 44882 | 10.552 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 9.869 | 184 | 13246 | 7.518 | ng | | 94 |
| 55) Dibenzofuran | 10.004 | 168 | 222889 | 11.413 | ng | | 98 |
| 56) 4-Nitrophenol | 9.922 | 139 | 28485 | 10.084 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 9.992 | 165 | 52775 | 11.156 | ng | | 93 |
| 58) Fluorene | 10.351 | 166 | 174651 | 11.397 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.127 | 232 | 45516 | 11.233 | ng | | 99 |
| 60) Diethylphthalate | 10.227 | 149 | 177964 | 10.996 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204 | 86740 | 11.511 | ng | | 93 |
| 62) 4-Nitroaniline | 10.363 | 138 | 43675 | 10.505 | ng | | 96 |
| 63) Azobenzene | 10.504 | 77 | 174042 | 10.831 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.404 | 198 | 24348 | 9.279 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.463 | 169 | 151462 | 10.890 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.833 | 248 | 50893 | 10.764 | ng | | 92 |
| 68) Hexachlorobenzene | 10.898 | 284 | 55603 | 10.976 | ng | | 97 |
| 69) Atrazine | 10.992 | 200 | 44353 | 13.282 | ng | | 98 |
| 70) Pentachlorophenol | 11.092 | 266 | 29337 | 10.671 | ng | | 90 |
| 71) Phenanthrene | 11.316 | 178 | 261567 | 11.251 | ng | | 98 |
| 72) Anthracene | 11.369 | 178 | 266966 | 11.249 | ng | | 99 |
| 73) Carbazole | 11.521 | 167 | 227644 | 11.283 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.863 | 149 | 270022 | 11.232 | ng | | 99 |
| 75) Fluoranthene | 12.510 | 202 | 262877 | 11.447 | ng | | 97 |
| 77) Benzidine | 12.633 | 184 | 70731 | 12.995 | ng | | 99 |
| 78) Pyrene | 12.739 | 202 | 265957 | 10.216 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.368 | 149 | 91914 | 10.105 | ng | | 96 |
| 81) Benzo(a)anthracene | 13.933 | 228 | 196281 | 10.782 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.898 | 252 | 58888 | 10.598 | ng | | 98 |
| 83) Chrysene | 13.968 | 228 | 187617 | 10.554 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149 | 95358 | 9.931 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 14.545 | 149 | 131322 | 8.909 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.868 | 276 | 139044 | 9.795 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.974 | 252 | 133416 | 11.232 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 15.004 | 252 | 129484 | 11.226 | ng | # | 96 |
| 90) Benzo(a)pyrene | 15.339 | 252 | 116704 | 10.506 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.886 | 278 | 117691 | 10.157 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.315 | 276 | 118715 | 9.930 | ng | | 98 |

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

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