Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139652.D
Acq On : 04 Oct 2024 12:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 04 13:05:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 102462 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 379259 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 208025 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.386 | 188 | 382146 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.027 | 240 | 210514 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 230633 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 470342 | 79.563 | ng | 0.00 |
| 7) Phenol-d6 | 6.498 | 99 | 619401 | 77.914 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.434 | 82 | 579590 | 77.374 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 150960 | 75.174 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 1040674 | 76.800 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.975 | 244 | 959279 | 74.770 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.628 | 88 | 106022 | 41.483 | ng | 100 |
| 3) Pyridine | 3.375 | 79 | 260893 | 41.972 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.340 | 42 | 159200 | 39.128 | ng | 95 |
| 6) Aniline | 6.528 | 93 | 274760 | 38.949 | ng | 99 |
| 8) 2-Chlorophenol | 6.651 | 128 | 251229 | 39.666 | ng | 99 |
| 9) Benzaldehyde | 6.416 | 77 | 181334 | 43.060 | ng | 99 |
| 10) Phenol | 6.516 | 94 | 328411 | 39.287 | ng | 94 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 246076 | 36.155 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 278590 | 39.100 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.881 | 146 | 279643 | 38.752 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.040 | 146 | 261177 | 38.617 | ng | 99 |
| 15) Benzyl Alcohol | 7.010 | 79 | 226288 | 37.254 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140 | 45 | 437957 | 37.170 | ng | 98 |
| 17) 2-Methylphenol | 7.122 | 107 | 204976 | 38.767 | ng | 97 |
| 18) Hexachloroethane | 7.375 | 117 | 103094 | 38.302 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 185437 | 36.282 | ng | 98 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 252378 | 38.002 | ng | 98 |
| 22) Acetophenone | 7.275 | 105 | 343673 | 38.176 | ng | 98 |
| 24) Nitrobenzene | 7.451 | 77 | 302558 | 39.006 | ng | 100 |
| 25) Isophorone | 7.687 | 82 | 498991 | 37.506 | ng | 99 |
| 26) 2-Nitrophenol | 7.763 | 139 | 133875 | 40.148 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 157086 | 38.481 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 299551 | 37.705 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 207293 | 38.931 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.087 | 180 | 232441 | 38.601 | ng | 99 |
| 31) Naphthalene | 8.169 | 128 | 752920 | 38.828 | ng | 100 |
| 32) Benzoic acid | 7.922 | 122 | 159788 | 39.365 | ng | 99 |
| 33) 4-Chloroaniline | 8.222 | 127 | 248727 | 37.894 | ng | 98 |
| 34) Hexachlorobutadiene | 8.287 | 225 | 150300 | 38.570 | ng | 100 |
| 35) Caprolactam | 8.592 | 113 | 66657 | 38.168 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 229034 | 37.999 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 476538 | 37.733 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 464905 | 37.660 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 226915 | 39.282 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 63461 | 35.828 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 150287 | 38.593 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.181 | 196 | 165622 | 39.438 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 596198 | 38.533 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 453208 | 39.073 | ng | 98 |
| 48) 2-Nitroaniline | 9.445 | 65 | 168647 | 40.504 | ng | 98 |
| 49) Acenaphthylene | 9.763 | 152 | 685469 | 38.860 | ng | 100 |
| 50) Dimethylphthalate | 9.628 | 163 | 525252 | 38.572 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 120472 | 39.163 | ng | 99 |
| 52) Acenaphthene | 9.939 | 154 | 467215 | 38.582 | ng | 99 |
| 53) 3-Nitroaniline | 9.857 | 138 | 122775 | 39.056 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.963 | 184 | 61761 | 37.328 | ng | 98 |
| 55) Dibenzofuran | 10.110 | 168 | 653933 | 38.568 | ng | 100 |
| 56) 4-Nitrophenol | 10.022 | 139 | 89676 | 37.408 | ng | 92 |
| 57) 2,4-Dinitrotoluene | 10.092 | 165 | 162138 | 40.324 | ng | 97 |
| 58) Fluorene | 10.451 | 166 | 513669 | 38.037 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232 | 129875 | 38.290 | ng | 98 |
| 60) Diethylphthalate | 10.322 | 149 | 536166 | 38.120 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 254896 | 37.728 | ng | 97 |
| 62) 4-Nitroaniline | 10.469 | 138 | 125846 | 39.138 | ng | 99 |
| 63) Azobenzene | 10.604 | 77 | 536029 | 37.895 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198 | 87719 | 40.643 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 442746 | 39.305 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 150009 | 38.286 | ng | 98 |
| 68) Hexachlorobenzene | 10.998 | 284 | 166667 | 38.334 | ng | 99 |
| 69) Atrazine | 11.086 | 200 | 126041 | 41.705 | ng | 99 |
| 70) Pentachlorophenol | 11.192 | 266 | 96694 | 37.350 | ng | 99 |
| 71) Phenanthrene | 11.416 | 178 | 692249 | 38.419 | ng | 100 |
| 72) Anthracene | 11.463 | 178 | 683891 | 38.365 | ng | 100 |
| 73) Carbazole | 11.622 | 167 | 653732 | 38.184 | ng | 100 |
| 74) Di-n-butylphthalate | 11.945 | 149 | 813276 | 39.063 | ng | 100 |
| 75) Fluoranthene | 12.598 | 202 | 721008 | 36.605 | ng | 100 |
| 77) Benzidine | 12.727 | 184 | 228756 | 61.606 | ng | 99 |
| 78) Pyrene | 12.827 | 202 | 715774 | 38.016 | ng | 100 |
| 80) Butylbenzylphthalate | 13.445 | 149 | 281407 | 41.785 | ng | 98 |
| 81) Benzo(a)anthracene | 14.016 | 228 | 541176 | 39.101 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.980 | 252 | 184505 | 43.558 | ng | 98 |
| 83) Chrysene | 14.057 | 228 | 473814 | 37.445 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149 | 374783 | 44.566 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.616 | 149 | 566236 | 45.832 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.968 | 276 | 558741 | 41.161 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.068 | 252 | 509730 | 34.182 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.098 | 252 | 495647 | 39.183 | ng | 100 |
| 90) Benzo(a)pyrene | 15.433 | 252 | 452282 | 38.465 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.986 | 278 | 467106 | 41.488 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.415 | 276 | 458425 | 40.599 | ng | 99 |

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

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