Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
Data File : BF139238.D
Acq On : 04 Sep 2024 13:36
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICCC040

Quant Time: Sep 04 15:47:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 15:37:35 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.893 | 152 | 130545 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.175 | 136 | 471691 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.928 | 164 | 256219 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 463513 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 215446 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.527 | 264 | 225523 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 597448 | 76.560 | ng | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 805982 | 77.366 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 711055 | 78.036 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.716 | 330 | 173686 | 78.502 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.251 | 172 | 1244011 | 74.948 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 1057635 | 79.261 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.675 | 88 | 142095 | 39.101 | ng | 100 |
| 3) Pyridine | 3.428 | 79 | 339786 | 38.735 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.387 | 42 | 224145 | 39.348 | ng | 100 |
| 6) Aniline | 6.551 | 93 | 370740 | 38.700 | ng | 100 |
| 8) 2-Chlorophenol | 6.675 | 128 | 308088 | 38.094 | ng | 100 |
| 9) Benzaldehyde | 6.440 | 77 | 223693 | 35.473 | ng | 100 |
| 10) Phenol | 6.528 | 94 | 425350 | 38.708 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.628 | 93 | 301241 | 38.265 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.834 | 146 | 350915 | 38.334 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.910 | 146 | 352882 | 38.514 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.063 | 146 | 330177 | 38.638 | ng | 100 |
| 15) Benzyl Alcohol | 7.028 | 79 | 297767 | 39.193 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 584261 | 38.986 | ng | 100 |
| 17) 2-Methylphenol | 7.140 | 107 | 254485 | 38.521 | ng | 100 |
| 18) Hexachloroethane | 7.404 | 117 | 125952 | 38.489 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 229707 | 37.956 | ng | 100 |
| 20) 3+4-Methylphenols | 7.293 | 107 | 323601 | 38.866 | ng | 100 |
| 22) Acetophenone | 7.298 | 105 | 433365 | 38.565 | ng | 100 |
| 24) Nitrobenzene | 7.475 | 77 | 374579 | 38.923 | ng | 100 |
| 25) Isophorone | 7.710 | 82 | 604293 | 38.983 | ng | 100 |
| 26) 2-Nitrophenol | 7.787 | 139 | 154758 | 40.944 | ng | 100 |
| 27) 2,4-Dimethylphenol | 7.822 | 122 | 212822 | 39.480 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.922 | 93 | 356208 | 38.569 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.028 | 162 | 254754 | 39.470 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 286730 | 38.897 | ng | 100 |
| 31) Naphthalene | 8.198 | 128 | 926389 | 38.782 | ng | 100 |
| 32) Benzoic acid | 7.928 | 122 | 192798 | 39.342 | ng | 100 |
| 33) 4-Chloroaniline | 8.240 | 127 | 315728 | 38.173 | ng | 100 |
| 34) Hexachlorobutadiene | 8.310 | 225 | 179696 | 38.470 | ng | 100 |
| 35) Caprolactam | 8.610 | 113 | 80380 | 40.227 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 277907 | 39.512 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.887 | 142 | 574761 | 38.459 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.987 | 142 | 568379 | 38.670 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.051 | 216 | 276336 | 38.120 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.040 | 237 | 98261 | 42.178 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.163 | 196 | 191881 | 40.455 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.198 | 196 | 194088 | 39.050 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.351 | 154 | 729306 | 38.418 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.375 | 162 | 547186 | 38.174 | ng | 100 |
| 48) 2-Nitroaniline | 9.469 | 65 | 197640 | 40.031 | ng | 100 |
| 49) Acenaphthylene | 9.792 | 152 | 831934 | 38.535 | ng | 100 |
| 50) Dimethylphthalate | 9.651 | 163 | 595907 | 38.373 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 142139 | 40.346 | ng | 100 |
| 52) Acenaphthene | 9.963 | 154 | 556791 | 38.884 | ng | 100 |
| 53) 3-Nitroaniline | 9.881 | 138 | 149592 | 39.853 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.981 | 184 | 62228 | 38.067 | ng | 100 |
| 55) Dibenzofuran | 10.134 | 168 | 787591 | 38.364 | ng | 100 |
| 56) 4-Nitrophenol | 10.028 | 139 | 115336 | 41.630 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 184677 | 41.185 | ng | 100 |
| 58) Fluorene | 10.475 | 166 | 610821 | 38.375 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 153801 | 39.311 | ng | 100 |
| 60) Diethylphthalate | 10.351 | 149 | 595972 | 38.997 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204 | 297041 | 38.697 | ng | 100 |
| 62) 4-Nitroaniline | 10.492 | 138 | 145015 | 40.586 | ng | 100 |
| 63) Azobenzene | 10.628 | 77 | 621547 | 38.588 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 88814 | 41.469 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 10.586 | 169 | 516265 | 38.264 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 175568 | 39.040 | ng | 100 |
| 68) Hexachlorobenzene | 11.022 | 284 | 197042 | 38.274 | ng | 100 |
| 69) Atrazine | 11.110 | 200 | 115561 | 37.124 | ng | 100 |
| 70) Pentachlorophenol | 11.216 | 266 | 126074 | 42.394 | ng | 100 |
| 71) Phenanthrene | 11.439 | 178 | 824396 | 38.072 | ng | 100 |
| 72) Anthracene | 11.492 | 178 | 822280 | 38.874 | ng | 100 |
| 73) Carbazole | 11.645 | 167 | 765295 | 38.710 | ng | 100 |
| 74) Di-n-butylphthalate | 11.975 | 149 | 818910 | 40.455 | ng | 100 |
| 75) Fluoranthene | 12.628 | 202 | 834957 | 38.462 | ng | 100 |
| 77) Benzidine | 12.751 | 184 | 187373 | 43.193 | ng | 100 |
| 78) Pyrene | 12.857 | 202 | 836549 | 40.195 | ng | 100 |
| 80) Butylbenzylphthalate | 13.475 | 149 | 209437 | 42.747 | ng | 100 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 525882 | 38.226 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 149497 | 40.919 | ng | 100 |
| 83) Chrysene | 14.080 | 228 | 514546 | 40.074 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149 | 248996 | 43.299 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.651 | 149 | 461517 | 41.919 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.010 | 276 | 566838 | 40.233 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 516473 | 39.766 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 460455 | 39.540 | ng | 100 |
| 90) Benzo(a)pyrene | 15.463 | 252 | 444040 | 40.263 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 17.033 | 278 | 472304 | 40.679 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 17.462 | 276 | 479258 | 39.990 | ng | 100 |

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

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