Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037562.D
Acq On : 26 Oct 2018 2:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 26 08:08:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 61770 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.93 | 136 | 287442 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.74 | 164 | 190025 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.49 | 188 | 433867 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.77 | 240 | 379041 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.10 | 264 | 402634 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 302744 | 81.94 | ng | | 0.00 |
| 7) Phenol-d6 | 7.24 | 99 | 452499 | 80.99 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.28 | 82 | 422075 | 82.26 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 169265 | 81.67 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.36 | 172 | 975253 | 77.39 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.08 | 244 | 1420196 | 80.06 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 74429 | 39.723 | ng | | 97 |
| 3) Pyridine | 3.94 | 79 | 189120 | 40.046 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.85 | 42 | 69115 | 41.089 | ng | # | 92 |
| 6) Aniline | 7.43 | 93 | 275322 | 40.396 | ng | | 98 |
| 8) 2-Chlorophenol | 7.66 | 128 | 172754 | 39.969 | ng | | 98 |
| 9) Benzaldehyde | 7.24 | 77 | 130771 | 37.419 | ng | | 97 |
| 10) Phenol | 7.27 | 94 | 238160 | 40.402 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.52 | 93 | 180615 | 40.343 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.99 | 146 | 192239 | 39.951 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.14 | 146 | 192123 | 39.033 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.46 | 146 | 187054 | 39.507 | ng | | 99 |
| 15) Benzyl Alcohol | 8.34 | 79 | 169059 | 40.953 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63 | 45 | 327959 | 40.940 | ng | | 97 |
| 17) 2-Methylphenol | 8.53 | 107 | 158950 | 40.787 | ng | | 100 |
| 18) Hexachloroethane | 9.19 | 117 | 68858 | 41.035 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.91 | 70 | 157497 | 40.938 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.87 | 107 | 227083 | 40.756 | ng | | 99 |
| 22) Acetophenone | 8.94 | 105 | 283284 | 39.296 | ng | # | 97 |
| 24) Nitrobenzene | 9.32 | 77 | 218275 | 40.948 | ng | | 95 |
| 25) Isophorone | 9.84 | 82 | 384390 | 41.000 | ng | | 96 |
| 26) 2-Nitrophenol | 10.03 | 139 | 110886 | 46.177 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 10.08 | 122 | 171458 | 39.990 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93 | 247101 | 40.227 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 10.56 | 162 | 197029 | 41.273 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.78 | 180 | 206890 | 39.853 | ng | | 98 |
| 31) Naphthalene | 10.98 | 128 | 561177 | 39.748 | ng | | 99 |
| 32) Benzoic acid | 10.21 | 122 | 141825 | 50.928 | ng | | 99 |
| 33) 4-Chloroaniline | 11.09 | 127 | 268849 | 40.528 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.24 | 225 | 122404 | 39.783 | ng | | 95 |
| 35) Caprolactam | 11.88 | 113 | 80859 | 42.233 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.19 | 107 | 218030 | 40.498 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.57 | 142 | 412743 | 40.104 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.79 | 142 | 401282 | 40.149 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 240550 | 39.246 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.90 | 237 | 114024 | 38.945 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.17 | 196 | 170826 | 41.717 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.24 | 196 | 181472 | 40.703 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.57 | 154 | 618710 | 39.315 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.62 | 162 | 470310 | 39.502 | ng | | 97 |
| 48) 2-Nitroaniline | 13.83 | 65 | 154129 | 42.689 | ng | | 99 |
| 49) Acenaphthylene | 14.46 | 152 | 715647 | 39.958 | ng | | 99 |
| 50) Dimethylphthalate | 14.19 | 163 | 582197 | 39.603 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.32 | 165 | 133518 | 41.056 | ng | | 96 |
| 52) Acenaphthene | 14.80 | 154 | 435108 | 39.447 | ng | | 98 |
| 53) 3-Nitroaniline | 14.65 | 138 | 149165 | 41.317 | ng | # | 97 |
| 54) 2,4-Dinitrophenol | 14.85 | 184 | 44424 | 44.380 | ng | | 94 |
| 55) Dibenzofuran | 15.14 | 168 | 710711 | 38.890 | ng | | 100 |
| 56) 4-Nitrophenol | 14.94 | 139 | 106578 | 39.882 | ng | | 100 |
| 57) 2,4-Dinitrotoluene | 15.10 | 165 | 182829 | 42.828 | ng | | 96 |
| 58) Fluorene | 15.78 | 166 | 535015 | 39.094 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.35 | 232 | 154654 | 40.514 | ng | | 99 |
| 60) Diethylphthalate | 15.54 | 149 | 599089 | 39.694 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204 | 306552 | 38.431 | ng | | 99 |
| 62) 4-Nitroaniline | 15.81 | 138 | 148319 | 41.344 | ng | | 92 |
| 63) Azobenzene | 16.06 | 77 | 568306 | 39.466 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198 | 92423 | 41.907 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.99 | 169 | 524337 | 40.177 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.66 | 248 | 191463 | 40.185 | ng | | 97 |
| 68) Hexachlorobenzene | 16.77 | 284 | 193734 | 39.233 | ng | | 97 |
| 69) Atrazine | 16.93 | 200 | 187540 | 39.745 | ng | | 98 |
| 70) Pentachlorophenol | 17.12 | 266 | 135113 | 40.848 | ng | | 98 |
| 71) Phenanthrene | 17.53 | 178 | 868788 | 39.400 | ng | | 100 |
| 72) Anthracene | 17.62 | 178 | 861959 | 39.833 | ng | | 99 |
| 73) Carbazole | 17.89 | 167 | 858109 | 39.643 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.43 | 149 | 989852 | 41.108 | ng | | 99 |
| 75) Fluoranthene | 19.53 | 202 | 979633 | 39.171 | ng | | 98 |
| 77) Benzidine | 19.71 | 184 | 459203 | 35.629 | ng | | 99 |
| 78) Pyrene | 19.89 | 202 | 1000866 | 40.393 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.76 | 149 | 439399 | 43.330 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.75 | 228 | 902489 | 40.254 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.66 | 252 | 359005 | 41.312 | ng | | 98 |
| 83) Chrysene | 21.82 | 228 | 871759 | 40.437 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 611580 | 43.025 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.87 | 149 | 1017436 | 43.894 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.93 | 276 | 905292 | 39.152 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 24.04 | 252 | 861725 | 39.038 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.11 | 252 | 884037 | 40.878 | ng | | 97 |
| 90) Benzo(a)pyrene | 24.94 | 252 | 851816 | 40.610 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.99 | 278 | 740423 | 38.268 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.13 | 276 | 728523 | 37.218 | ng | | 99 |

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

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