Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060255.D
Acq On : 4 Jan 2024 22:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 05 01:46:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.941 | 152 | 228270 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.744 | 136 | 925304 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.574 | 164 | 719348 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.324 | 188 | 1735762 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.590 | 240 | 1588032 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.763 | 264 | 1788292 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.509 | 112 | 1162914 | 76.893 | ng | | 0.00 |
| 7) Phenol-d6 | 7.101 | 99 | 1806691 | 80.457 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.104 | 82 | 1856897 | 92.694 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.067 | 330 | 824212 | 85.595 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.200 | 172 | 4179237 | 83.499 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.945 | 244 | 5595324 | 67.738 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.417 | 88 | 248083 | 36.869 | ng | | 99 |
| 3) Pyridine | 3.811 | 79 | 744611 | 39.019 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.728 | 42 | 253363 | 35.590 | ng | # | 89 |
| 6) Aniline | 7.265 | 93 | 876644 | 38.965 | ng | | 95 |
| 8) 2-Chlorophenol | 7.506 | 128 | 560961 | 38.594 | ng | | 100 |
| 9) Benzaldehyde | 7.077 | 77 | 509932 | 37.771 | ng | | 95 |
| 10) Phenol | 7.130 | 94 | 891282 | 39.360 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.359 | 93 | 697807 | 38.081 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 7.824 | 146 | 678247 | 37.801 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 7.970 | 146 | 685802 | 37.807 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.294 | 146 | 689615 | 38.888 | ng | | 99 |
| 15) Benzyl Alcohol | 8.176 | 79 | 576605 | 41.369 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.458 | 45 | 836260 | 35.560 | ng | | 98 |
| 17) 2-Methylphenol | 8.376 | 107 | 570661 | 40.246 | ng | | 98 |
| 18) Hexachloroethane | 9.022 | 117 | 229293 | 40.136 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.740 | 70 | 586890 | 38.258 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.705 | 107 | 781917 | 38.909 | ng | | 96 |
| 22) Acetophenone | 8.758 | 105 | 1040879 | 37.967 | ng | | 98 |
| 24) Nitrobenzene | 9.146 | 77 | 868608 | 42.379 | ng | | 98 |
| 25) Isophorone | 9.663 | 82 | 1610546 | 38.426 | ng | | 99 |
| 26) 2-Nitrophenol | 9.851 | 139 | 324926 | 45.430 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 9.909 | 122 | 415544 | 41.017 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.144 | 93 | 955754 | 38.934 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.385 | 162 | 659781 | 41.207 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.603 | 180 | 766518 | 39.333 | ng | | 98 |
| 31) Naphthalene | 10.791 | 128 | 1949605 | 39.910 | ng | | 98 |
| 32) Benzoic acid | 10.044 | 122 | 353910 | 40.996 | ng | | 91 |
| 33) 4-Chloroaniline | 10.902 | 127 | 780277 | 40.899 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.073 | 225 | 461900 | 39.852 | ng | | 99 |
| 35) Caprolactam | 11.672 | 113 | 225975 | 42.428 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 12.025 | 107 | 709531 | 43.059 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.401 | 142 | 1416556 | 40.146 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.618 | 142 | 1421752 | 39.853 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.765 | 216 | 872595 | 37.870 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.747 | 237 | 273488 | 36.720 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.006 | 196 | 618562 | 40.851 | ng | | 98 |

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Acq On : 4 Jan 2024 22:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 05 01:46:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.082 | 196 | 704849 | 41.611 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.411 | 154 | 2047627 | 38.689 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.452 | 162 | 1788264 | 39.659 | ng | | 100 |
| 48) 2-Nitroaniline | 13.658 | 65 | 532204 | 45.164 | ng | | 99 |
| 49) Acenaphthylene | 14.298 | 152 | 2598035 | 39.989 | ng | | 99 |
| 50) Dimethylphthalate | 14.028 | 163 | 2151365 | 38.736 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.151 | 165 | 499838 | 43.269 | ng | | 98 |
| 52) Acenaphthene | 14.639 | 154 | 1607048 | 39.639 | ng | | 99 |
| 53) 3-Nitroaniline | 14.480 | 138 | 467152 | 42.917 | ng | # | 95 |
| 54) 2,4-Dinitrophenol | 14.686 | 184 | 243884 | 40.757 | ng | | 99 |
| 55) Dibenzofuran | 14.974 | 168 | 2649043 | 39.008 | ng | | 100 |
| 56) 4-Nitrophenol | 14.786 | 139 | 371793 | 45.187 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.939 | 165 | 691968 | 44.052 | ng | | 96 |
| 58) Fluorene | 15.626 | 166 | 2208154 | 39.645 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.197 | 232 | 632289 | 42.826 | ng | | 100 |
| 60) Diethylphthalate | 15.391 | 149 | 2091028 | 39.480 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.614 | 204 | 1134109 | 39.104 | ng | | 99 |
| 62) 4-Nitroaniline | 15.650 | 138 | 492310 | 42.912 | ng | | 97 |
| 63) Azobenzene | 15.908 | 77 | 2124254 | 38.685 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.703 | 198 | 402172 | 46.305 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.832 | 169 | 1878379 | 40.159 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.513 | 248 | 723152 | 39.296 | ng | | 100 |
| 68) Hexachlorobenzene | 16.625 | 284 | 853576 | 39.560 | ng | | 97 |
| 69) Atrazine | 16.778 | 200 | 651530 | 37.900 | ng | | 98 |
| 70) Pentachlorophenol | 16.972 | 266 | 609457 | 51.417 | ng | | 93 |
| 71) Phenanthrene | 17.365 | 178 | 3412623 | 39.775 | ng | | 99 |
| 72) Anthracene | 17.459 | 178 | 3389297 | 39.770 | ng | | 98 |
| 73) Carbazole | 17.730 | 167 | 3248752 | 40.192 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.288 | 149 | 3324087 | 42.436 | ng | | 98 |
| 75) Fluoranthene | 19.381 | 202 | 3956972 | 39.319 | ng | | 98 |
| 77) Benzidine | 19.563 | 184 | 1574597 | 35.826 | ng | | 98 |
| 78) Pyrene | 19.745 | 202 | 4130660 | 38.695 | ng | | 97 |
| 80) Butylbenzylphthalate | 20.632 | 149 | 1520836 | 48.317 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.572 | 228 | 3973174 | 39.351 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.490 | 252 | 1525947 | 41.560 | ng | | 98 |
| 83) Chrysene | 21.637 | 228 | 3809874 | 38.840 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 21.478 | 149 | 2234484 | 46.812 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.671 | 149 | 3743538 | 47.911 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.382 | 276 | 5125496 | 40.653 | ng | # | 91 |
| 88) Benzo(b)fluoranthene | 23.758 | 252 | 4198221 | 39.066 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.822 | 252 | 4324570 | 39.982 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.616 | 252 | 3899176 | 40.104 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.452 | 278 | 4166189 | 40.217 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 29.528 | 276 | 4205643 | 40.081 | ng | | 98 |

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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