Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045595.D
Acq On : 4 Jun 2020 2:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:38 PM

Quant Time: Jun 04 04:17:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.95 | 152 | 70441 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.76 | 136 | 293474 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.60 | 164 | 213231 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.35 | 188 | 492444 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.61 | 240 | 442697 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 24.75 | 264 | 480305 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 311753 | 86.49 | ng | 0.00 |
| 7) Phenol-d6 | 7.15 | 99 | 465395 | 90.72 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.12 | 82 | 458757 | 85.24 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.09 | 330 | 219760 | 80.59 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.22 | 172 | 1039046 | 82.65 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.96 | 244 | 1623571 | 85.54 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.41 | 88 | 69376 | 38.814 | ng | 97 |
| 3) Pyridine | 3.80 | 79 | 205973 | 41.377 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.72 | 42 | 71578 | 43.941 | ng | 88 |
| 6) Aniline | 7.28 | 93 | 290371 | 43.359 | ng | 98 |
| 8) 2-Chlorophenol | 7.52 | 128 | 173533 | 43.902 | ng | 98 |
| 9) Benzaldehyde | 7.08 | 77 | 135839 | 40.641 | ng | 97 |
| 10) Phenol | 7.18 | 94 | 237308 | 44.882 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.37 | 93 | 178856 | 43.368 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.84 | 146 | 205426 | 43.247 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.99 | 146 | 208608 | 44.502 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 8.31 | 146 | 198806 | 44.095 | ng | 97 |
| 15) Benzyl Alcohol | 8.20 | 79 | 193481 | 45.654 | ng | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48 | 45 | 172450 | 44.052 | ng | 99 |
| 17) 2-Methylphenol | 8.42 | 107 | 178220 | 45.033 | ng | 99 |
| 18) Hexachloroethane | 9.04 | 117 | 80793 | 45.001 | ng | 85 |
| 19) n-Nitroso-di-n-propylamine | 8.76 | 70 | 158961 | 44.808 | ng | 99 |
| 20) 3+4-Methylphenols | 8.75 | 107 | 241031 | 44.725 | ng | 93 |
| 22) Acetophenone | 8.77 | 105 | 292521 | 42.055 | ng | 97 |
| 24) Nitrobenzene | 9.16 | 77 | 246691 | 42.784 | ng | 98 |
| 25) Isophorone | 9.68 | 82 | 449538 | 42.415 | ng | 100 |
| 26) 2-Nitrophenol | 9.87 | 139 | 108041 | 43.802 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.95 | 122 | 156726 | 42.841 | ng | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.17 | 93 | 237936 | 42.807 | ng | 95 |
| 29) 2,4-Dichlorophenol | 10.43 | 162 | 189215 | 43.799 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.63 | 180 | 224683 | 44.014 | ng | 97 |
| 31) Naphthalene | 10.81 | 128 | 583592 | 42.674 | ng | 99 |
| 32) Benzoic acid | 10.13 | 122 | 100971 | 42.131 | ng | 92 |
| 33) 4-Chloroaniline | 10.92 | 127 | 246112 | 43.053 | ng | 97 |
| 34) Hexachlorobutadiene | 11.10 | 225 | 159732 | 44.267 | ng | 97 |
| 35) Caprolactam | 11.69 | 113 | 65785 | 41.487 | ng | 86 |
| 36) 4-Chloro-3-methylphenol | 12.07 | 107 | 214495 | 44.062 | ng | 95 |
| 37) 2-Methylnaphthalene | 12.42 | 142 | 443296 | 43.490 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.64 | 142 | 413271 | 42.921 | ng | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 249014 | 41.810 | ng | 100 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.78 | 237 | 109038 | 31.719 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.04 | 196 | 173663 | 41.975 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.12 | 196 | 192024 | 40.615 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.43 | 154 | 539391 | 41.168 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.47 | 162 | 436474 | 41.024 | ng | | 99 |
| 48) 2-Nitroaniline | 13.67 | 65 | 143928 | 41.125 | ng | | 94 |
| 49) Acenaphthylene | 14.32 | 152 | 703284 | 41.153 | ng | | 99 |
| 50) Dimethylphthalate | 14.06 | 163 | 587874 | 40.190 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.17 | 165 | 133979 | 40.591 | ng | | 96 |
| 52) Acenaphthene | 14.66 | 154 | 458883m | 40.114 | ng | | |
| 53) 3-Nitroaniline | 14.51 | 138 | 135381 | 40.348 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.71 | 184 | 63212 | 32.699 | ng | | 96 |
| 55) Dibenzofuran | 15.00 | 168 | 696044 | 40.973 | ng | | 99 |
| 56) 4-Nitrophenol | 14.85 | 139 | 92359 | 36.358 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 14.96 | 165 | 192003 | 40.166 | ng | | 98 |
| 58) Fluorene | 15.65 | 166 | 575936 | 41.267 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.24 | 232 | 165740 | 39.846 | ng | | 98 |
| 60) Diethylphthalate | 15.42 | 149 | 605541 | 39.773 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.64 | 204 | 338050 | 42.329 | ng | | 99 |
| 62) 4-Nitroaniline | 15.67 | 138 | 140212 | 40.028 | ng | | 96 |
| 63) Azobenzene | 15.94 | 77 | 583601 | 41.109 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.73 | 198 | 109645 | 38.231 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 15.85 | 169 | 500772 | 42.354 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.53 | 248 | 233080 | 43.710 | ng | | 94 |
| 68) Hexachlorobenzene | 16.66 | 284 | 238447 | 42.754 | ng | | 97 |
| 69) Atrazine | 16.80 | 200 | 189467 | 38.905 | ng | | 98 |
| 70) Pentachlorophenol | 17.01 | 266 | 172983 | 59.734 | ng | | 97 |
| 71) Phenanthrene | 17.39 | 178 | 901415 | 41.930 | ng | | 100 |
| 72) Anthracene | 17.48 | 178 | 905022 | 41.921 | ng | | 98 |
| 73) Carbazole | 17.75 | 167 | 864028 | 41.058 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.31 | 149 | 1016820 | 40.257 | ng | | 99 |
| 75) Fluoranthene | 19.40 | 202 | 1084831 | 39.673 | ng | | 100 |
| 77) Benzidine | 19.58 | 184 | 463308 | 37.263 | ng | | 99 |
| 78) Pyrene | 19.76 | 202 | 1075093 | 42.602 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.65 | 149 | 450942 | 41.399 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.59 | 228 | 1047929 | 42.493 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.50 | 252 | 395210 | 40.854 | ng | | 100 |
| 83) Chrysene | 21.65 | 228 | 999817 | 42.164 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.50 | 149 | 625506 | 41.775 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.69 | 149 | 1051141 | 40.874 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.33 | 276 | 1283689 | 41.398 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.76 | 252 | 1105942 | 42.934 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.82 | 252 | 1048593 | 43.329 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.61 | 252 | 1031239 | 42.986 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.40 | 278 | 1039191 | 43.106 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.45 | 276 | 1018578 | 42.245 | ng | | 97 |

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

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