Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037797.D
Acq On : 5 Nov 2018 11:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 05 13:48:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 05 13:45:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 56003 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.92 | 136 | 264992 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.73 | 164 | 169187 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.47 | 188 | 375322 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.76 | 240 | 339947 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.09 | 264 | 341100 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 260937 | 77.90 | ng | | 0.00 |
| 7) Phenol-d6 | 7.24 | 99 | 395014 | 77.99 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.27 | 82 | 366485 | 77.47 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 146556 | 79.42 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.35 | 172 | 912347 | 81.32 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.08 | 244 | 1264881 | 79.51 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 64180 | 37.781 | ng | | 93 |
| 3) Pyridine | 3.93 | 79 | 163875 | 38.274 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.85 | 42 | 55018 | 36.076 | ng | | 94 |
| 6) Aniline | 7.42 | 93 | 242978 | 39.321 | ng | | 99 |
| 8) 2-Chlorophenol | 7.66 | 128 | 154722 | 39.483 | ng | | 99 |
| 9) Benzaldehyde | 7.24 | 77 | 108976 | 34.393 | ng | | 94 |
| 10) Phenol | 7.27 | 94 | 207952 | 38.910 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.51 | 93 | 156590 | 38.578 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.98 | 146 | 179593 | 41.166 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.13 | 146 | 178537 | 40.008 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.45 | 146 | 172835 | 40.263 | ng | | 98 |
| 15) Benzyl Alcohol | 8.33 | 79 | 141679 | 37.855 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62 | 45 | 278333 | 38.323 | ng | | 98 |
| 17) 2-Methylphenol | 8.53 | 107 | 138855 | 39.300 | ng | | 99 |
| 18) Hexachloroethane | 9.18 | 117 | 62905 | 41.348 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.90 | 70 | 132301 | 37.930 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.85 | 107 | 196442 | 38.887 | ng | | 99 |
| 22) Acetophenone | 8.92 | 105 | 252478 | 37.990 | ng | # | 95 |
| 24) Nitrobenzene | 9.32 | 77 | 191475 | 38.964 | ng | | 95 |
| 25) Isophorone | 9.83 | 82 | 327035 | 37.837 | ng | | 95 |
| 26) 2-Nitrophenol | 10.02 | 139 | 92570 | 41.815 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 10.06 | 122 | 149539 | 37.832 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93 | 212878 | 37.592 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.55 | 162 | 174314 | 39.608 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.77 | 180 | 191856 | 40.088 | ng | | 99 |
| 31) Naphthalene | 10.97 | 128 | 512996 | 39.414 | ng | | 99 |
| 32) Benzoic acid | 10.19 | 122 | 85002 | 33.109 | ng | | 94 |
| 33) 4-Chloroaniline | 11.08 | 127 | 238042 | 38.924 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.23 | 225 | 117259 | 41.339 | ng | | 96 |
| 35) Caprolactam | 11.87 | 113 | 66120 | 37.461 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 12.18 | 107 | 188631 | 38.006 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.56 | 142 | 377548 | 39.792 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.79 | 142 | 364904 | 39.603 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 231832 | 42.482 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.89 | 237 | 104109 | 39.938 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.16 | 196 | 147912 | 40.570 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.23 | 196 | 157280 | 39.622 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.57 | 154 | 560039 | 39.970 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.61 | 162 | 431427 | 40.699 | ng | | 98 |
| 48) 2-Nitroaniline | 13.82 | 65 | 126809 | 39.448 | ng | | 93 |
| 49) Acenaphthylene | 14.45 | 152 | 644716 | 40.432 | ng | | 100 |
| 50) Dimethylphthalate | 14.18 | 163 | 506358 | 38.687 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.31 | 165 | 116759 | 40.325 | ng | | 90 |
| 52) Acenaphthene | 14.79 | 154 | 388743 | 39.585 | ng | | 99 |
| 53) 3-Nitroaniline | 14.64 | 138 | 126602 | 39.386 | ng | # | 94 |
| 54) 2,4-Dinitrophenol | 14.84 | 184 | 25946 | 34.025 | ng | | 96 |
| 55) Dibenzofuran | 15.13 | 168 | 640728 | 39.379 | ng | | 99 |
| 56) 4-Nitrophenol | 14.93 | 139 | 80892 | 33.999 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 15.09 | 165 | 156132 | 41.079 | ng | | 93 |
| 58) Fluorene | 15.78 | 166 | 474800 | 38.967 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.35 | 232 | 130672 | 38.448 | ng | | 97 |
| 60) Diethylphthalate | 15.53 | 149 | 522496 | 38.884 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204 | 282846 | 39.827 | ng | | 97 |
| 62) 4-Nitroaniline | 15.81 | 138 | 124212 | 38.889 | ng | | 88 |
| 63) Azobenzene | 16.06 | 77 | 484699 | 37.805 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198 | 67939 | 36.889 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.98 | 169 | 463236 | 41.032 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.66 | 248 | 173367 | 42.063 | ng | | 99 |
| 68) Hexachlorobenzene | 16.77 | 284 | 173233 | 40.553 | ng | | 99 |
| 69) Atrazine | 16.92 | 200 | 155168 | 38.014 | ng | | 99 |
| 70) Pentachlorophenol | 17.12 | 266 | 100613 | 35.163 | ng | | 92 |
| 71) Phenanthrene | 17.52 | 178 | 762932 | 39.996 | ng | | 100 |
| 72) Anthracene | 17.61 | 178 | 753585 | 40.257 | ng | | 98 |
| 73) Carbazole | 17.88 | 167 | 747966 | 39.945 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.41 | 149 | 836843 | 40.175 | ng | | 99 |
| 75) Fluoranthene | 19.52 | 202 | 859598 | 39.732 | ng | | 100 |
| 77) Benzidine | 19.71 | 184 | 331405 | 28.671 | ng | | 99 |
| 78) Pyrene | 19.89 | 202 | 882529 | 39.713 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.76 | 149 | 370657 | 40.754 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.74 | 228 | 802484 | 39.910 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.66 | 252 | 305838 | 39.241 | ng | | 99 |
| 83) Chrysene | 21.81 | 228 | 779591 | 40.321 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 529492 | 41.534 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.85 | 149 | 868724 | 41.789 | ng | | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 28.90 | 276 | 711131 | 34.291 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 24.02 | 252 | 740756 | 39.612 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.09 | 252 | 799848 | 43.657 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.93 | 252 | 724056 | 40.747 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 28.97 | 278 | 558906 | 34.098 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 30.10 | 276 | 563829 | 34.000 | ng | | 96 |

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

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