Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120282.D
Acq On : 14 May 2020 11:07
Operator : MA/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC060

Quant Time: May 14 11:43:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 10:46:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.63 | 152 | 298432 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.91 | 136 | 1319983 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.66 | 164 | 722685 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.15 | 188 | 1331078 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.79 | 240 | 740892 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.17 | 264 | 676425 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.23 | 112 | 1889543 | 95.69 | ng | 0.00 |
| 7) Phenol-d6 | 6.29 | 99 | 2584930 | 109.17 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.20 | 82 | 2227429 | 91.50 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.46 | 330 | 701936 | 93.06 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 8.99 | 172 | 3800171 | 83.67 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.74 | 244 | 3874762 | 99.89 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.20 | 88 | 455447 | 50.742 | ng | 99 |
| 3) Pyridine | 2.86 | 79 | 1239954 | 50.079 | ng | 100 |
| 4) n-Nitrosodimethylamine | 2.84 | 42 | 496443 | 49.581 | ng | 100 |
| 6) Aniline | 6.29 | 93 | 1676847 | 57.411 | ng | 96 |
| 8) 2-Chlorophenol | 6.42 | 128 | 1114188 | 54.735 | ng | 97 |
| 9) Benzaldehyde | 6.17 | 77 | 726257 | 61.114 | ng | 97 |
| 10) Phenol | 6.30 | 94 | 1531801 | 58.204 | ng | 94 |
| 11) bis(2-Chloroethyl)ether | 6.37 | 93 | 1132262 | 53.086 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.56 | 146 | 1186508 | 55.414 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 6.64 | 146 | 1157186 | 51.222 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 6.80 | 146 | 1116577 | 55.967 | ng | 99 |
| 15) Benzyl Alcohol | 6.79 | 79 | 867489 | 55.565 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.92 | 45 | 1705166 | 53.801 | ng | 96 |
| 17) 2-Methylphenol | 6.90 | 107 | 917847 | 53.435 | ng | 95 |
| 18) Hexachloroethane | 7.13 | 117 | 453423 | 56.813 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70 | 778216 | 54.676 | ng | 99 |
| 20) 3+4-Methylphenols | 7.06 | 107 | 1201978 | 54.452 | ng | 95 |
| 22) Acetophenone | 7.05 | 105 | 1565868 | 49.002 | ng | 97 |
| 24) Nitrobenzene | 7.22 | 77 | 1216938 | 48.991 | ng | 98 |
| 25) Isophorone | 7.46 | 82 | 2349582 | 48.301 | ng | 99 |
| 26) 2-Nitrophenol | 7.53 | 139 | 639461 | 47.914 | ng | 94 |
| 27) 2,4-Dimethylphenol | 7.58 | 122 | 918470 | 47.321 | ng | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93 | 1425314 | 48.121 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.78 | 162 | 883598 | 45.581 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.86 | 180 | 979461 | 44.866 | ng | 99 |
| 31) Naphthalene | 7.93 | 128 | 3183529 | 47.856 | ng | 98 |
| 32) Benzoic acid | 7.75 | 122 | 662361 | 51.350 | ng | 98 |
| 33) 4-Chloroaniline | 7.99 | 127 | 1483110 | 50.684 | ng | 98 |
| 34) Hexachlorobutadiene | 8.05 | 225 | 603866 | 48.094 | ng | 97 |
| 35) Caprolactam | 8.39 | 113 | 305041 | 51.699 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 8.49 | 107 | 984946 | 47.170 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.63 | 142 | 2092829 | 46.038 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.72 | 142 | 2008872 | 45.342 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.79 | 216 | 948441 | 43.488 | ng | 100 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.77 | 237 | 390136 | 50.156 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 8.91 | 196 | 645106 | 46.263 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 8.96 | 196 | 742337 | 46.451 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.09 | 154 | 2437886 | 42.470 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.12 | 162 | 1975672 | 45.080 | ng | | 99 |
| 48) 2-Nitroaniline | 9.22 | 65 | 804577 | 51.589 | ng | | 99 |
| 49) Acenaphthylene | 9.53 | 152 | 3215821 | 46.968 | ng | | 99 |
| 50) Dimethylphthalate | 9.40 | 163 | 2619172 | 48.311 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.47 | 165 | 592970 | 49.906 | ng | # | 86 |
| 52) Acenaphthene | 9.70 | 154 | 1980626 | 47.764 | ng | | 99 |
| 53) 3-Nitroaniline | 9.64 | 138 | 718715 | 50.883 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.75 | 184 | 302063 | 50.910 | ng | | 95 |
| 55) Dibenzofuran | 9.87 | 168 | 2801177 | 46.422 | ng | | 99 |
| 56) 4-Nitrophenol | 9.82 | 139 | 404229 | 52.767 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 9.87 | 165 | 676586 | 46.651 | ng | | 98 |
| 58) Fluorene | 10.22 | 166 | 2139801 | 45.191 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.00 | 232 | 637020 | 50.652 | ng | | 99 |
| 60) Diethylphthalate | 10.10 | 149 | 2562771 | 47.395 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.21 | 204 | 1062253 | 44.400 | ng | | 95 |
| 62) 4-Nitroaniline | 10.26 | 138 | 694314 | 49.161 | ng | | 100 |
| 63) Azobenzene | 10.37 | 77 | 2485256 | 49.058 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 10.28 | 198 | 407302 | 45.700 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.33 | 169 | 2090458 | 43.697 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.70 | 248 | 730067 | 43.713 | ng | | 98 |
| 68) Hexachlorobenzene | 10.76 | 284 | 758478 | 43.729 | ng | | 97 |
| 69) Atrazine | 10.87 | 200 | 620887 | 61.170 | ng | | 99 |
| 70) Pentachlorophenol | 10.96 | 266 | 359062 | 50.436 | ng | | 98 |
| 71) Phenanthrene | 11.17 | 178 | 3104789 | 46.738 | ng | | 98 |
| 72) Anthracene | 11.23 | 178 | 3139163 | 44.073 | ng | | 99 |
| 73) Carbazole | 11.39 | 167 | 2804370 | 39.316 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.72 | 149 | 3503460 | 38.912 | ng | | 99 |
| 75) Fluoranthene | 12.36 | 202 | 3096009 | 39.533 | ng | | 98 |
| 77) Benzidine | 12.49 | 184 | 1206382 | 67.548 | ng | | 96 |
| 78) Pyrene | 12.59 | 202 | 3150987 | 51.356 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.21 | 149 | 1497284 | 51.356 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.78 | 228 | 2269857 | 48.438 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.74 | 252 | 841403 | 49.549 | ng | | 98 |
| 83) Chrysene | 13.82 | 228 | 2411832 | 47.319 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.77 | 149 | 1811980 | 48.934 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.39 | 149 | 3334046 | 48.659 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.52 | 276 | 2102327 | 44.870 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.79 | 252 | 2199435 | 49.176 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 14.82 | 252 | 2089638 | 52.591 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.13 | 252 | 1965614 | 49.577 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.53 | 278 | 1782100 | 49.915 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 16.92 | 276 | 1802087 | 50.698 | ng | | 98 |

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

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