Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117705.D
Acq On : 7 Nov 2019 14:57
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Nov 07 15:37:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.94 | 152 | 386786 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.23 | 136 | 1447457 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.99 | 164 | 764387 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.47 | 188 | 1378691 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.13 | 240 | 964566 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.64 | 264 | 935574 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.55 | 112 | 1657376 | 77.56 | ng | 0.00 |
| 7) Phenol-d6 | 6.56 | 99 | 2045678 | 77.64 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.50 | 82 | 1896934 | 77.37 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.77 | 330 | 584174 | 78.12 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.30 | 172 | 3284060 | 84.77 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.07 | 244 | 3525715 | 75.25 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.76 | 88 | 414007 | 38.886 | ng | 99 |
| 3) Pyridine | 3.52 | 79 | 1148740 | 39.226 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.47 | 42 | 498280 | 38.610 | ng | 99 |
| 6) Aniline | 6.60 | 93 | 1441068 | 38.973 | ng | 100 |
| 8) 2-Chlorophenol | 6.72 | 128 | 934636 | 39.320 | ng | 100 |
| 9) Benzaldehyde | 6.49 | 77 | 737344 | 40.222 | ng | 99 |
| 10) Phenol | 6.57 | 94 | 1120643 | 39.473 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.67 | 93 | 910623 | 38.844 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 6.88 | 146 | 1080466 | 39.213 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.96 | 146 | 1092577 | 39.612 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.11 | 146 | 1014173 | 39.935 | ng | 99 |
| 15) Benzyl Alcohol | 7.07 | 79 | 821913 | 39.125 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45 | 1427782 | 38.519 | ng | 100 |
| 17) 2-Methylphenol | 7.18 | 107 | 786184 | 38.510 | ng | 100 |
| 18) Hexachloroethane | 7.46 | 117 | 390665 | 38.319 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70 | 658025 | 37.984 | ng | 99 |
| 20) 3+4-Methylphenols | 7.33 | 107 | 960857 | 39.526 | ng | 99 |
| 22) Acetophenone | 7.35 | 105 | 1283982 | 38.812 | ng | 99 |
| 24) Nitrobenzene | 7.52 | 77 | 1005612 | 39.280 | ng | 100 |
| 25) Isophorone | 7.76 | 82 | 1762206 | 37.580 | ng | 100 |
| 26) 2-Nitrophenol | 7.83 | 139 | 458088 | 38.543 | ng | 99 |
| 27) 2,4-Dimethylphenol | 7.87 | 122 | 761668 | 38.006 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93 | 1149061 | 38.174 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.07 | 162 | 794616 | 38.486 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.16 | 180 | 928137 | 39.268 | ng | 99 |
| 31) Naphthalene | 8.25 | 128 | 2601102 | 39.315 | ng | 99 |
| 32) Benzoic acid | 7.98 | 122 | 588155 | 37.075 | ng | 98 |
| 33) 4-Chloroaniline | 8.29 | 127 | 1183595 | 38.501 | ng | 98 |
| 34) Hexachlorobutadiene | 8.37 | 225 | 525071 | 38.793 | ng | 99 |
| 35) Caprolactam | 8.66 | 113 | 253332 | 37.019 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 8.76 | 107 | 801554 | 38.472 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.94 | 142 | 1778870 | 39.495 | ng | 99 |
| 38) 1-Methylnaphthalene | 9.04 | 142 | 1677256 | 39.213 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 826622 | 39.529 | ng | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.10 | 237 | 422709 | 37.469 ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.21 | 196 | 585568 | 38.448 ng | 97 |
| 44) 2,4,5-Trichlorophenol | 9.25 | 196 | 597176 | 38.683 ng | 94 |
| 46) 1,1'-Biphenyl | 9.40 | 154 | 2111294 | 39.438 ng | 99 |
| 47) 2-Chloronaphthalene | 9.43 | 162 | 1737934 | 39.120 ng | 99 |
| 48) 2-Nitroaniline | 9.52 | 65 | 536677 | 38.548 ng | 99 |
| 49) Acenaphthylene | 9.85 | 152 | 2552259 | 39.448 ng | 100 |
| 50) Dimethylphthalate | 9.70 | 163 | 1979019 | 38.297 ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.76 | 165 | 451896 | 39.053 ng | 99 |
| 52) Acenaphthene | 10.02 | 154 | 1624778 | 38.918 ng | 100 |
| 53) 3-Nitroaniline | 9.93 | 138 | 548181 | 39.268 ng | 95 |
| 54) 2,4-Dinitrophenol | 10.03 | 184 | 138975 | 35.033 ng | 92 |
| 55) Dibenzofuran | 10.19 | 168 | 2303012 | 39.422 ng | 100 |
| 56) 4-Nitrophenol | 10.07 | 139 | 400749 | 38.171 ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.17 | 165 | 588163 | 39.624 ng | 98 |
| 58) Fluorene | 10.54 | 166 | 1694545 | 39.357 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.30 | 232 | 506264 | 39.450 ng | 99 |
| 60) Diethylphthalate | 10.40 | 149 | 1964712 | 38.660 ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.53 | 204 | 876595 | 39.111 ng | 99 |
| 62) 4-Nitroaniline | 10.55 | 138 | 531441 | 38.678 ng | 99 |
| 63) Azobenzene | 10.69 | 77 | 1872445 | 38.901 ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.57 | 198 | 200609 | 36.440 ng | 97 |
| 66) n-Nitrosodiphenylamine | 10.64 | 169 | 1591592 | 39.087 ng | 100 |
| 67) 4-Bromophenyl-phenylether | 11.02 | 248 | 588680 | 39.097 ng | 97 |
| 68) Hexachlorobenzene | 11.09 | 284 | 680720 | 39.136 ng | 100 |
| 69) Atrazine | 11.17 | 200 | 516813 | 38.515 ng | 99 |
| 70) Pentachlorophenol | 11.27 | 266 | 374994 | 38.566 ng | 97 |
| 71) Phenanthrene | 11.50 | 178 | 2587794 | 39.160 ng | 99 |
| 72) Anthracene | 11.56 | 178 | 2584744 | 39.314 ng | 100 |
| 73) Carbazole | 11.70 | 167 | 2356769 | 39.213 ng | 100 |
| 74) Di-n-butylphthalate | 12.04 | 149 | 2834116 | 38.780 ng | 100 |
| 75) Fluoranthene | 12.69 | 202 | 2631005 | 38.991 ng | 100 |
| 77) Benzidine | 12.81 | 184 | 1100086 | 32.804 ng | 99 |
| 78) Pyrene | 12.93 | 202 | 2696816 | 38.300 ng | 99 |
| 80) Butylbenzylphthalate | 13.54 | 149 | 1228888 | 37.785 ng | 99 |
| 81) Benzo(a)anthracene | 14.12 | 228 | 2303432 | 38.365 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.07 | 252 | 877623 | 39.138 ng | 98 |
| 83) Chrysene | 14.16 | 228 | 2280370 | 38.460 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149 | 1612922 | 38.445 ng | 99 |
| 85) Di-n-octyl phthalate | 14.73 | 149 | 2514577 | 38.089 ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 17.18 | 276 | 2091162 | 37.893 ng | 99 |
| 88) Benzo(b)fluoranthene | 15.19 | 252 | 2220920 | 37.691 ng | 98 |
| 89) Benzo(k)fluoranthene | 15.23 | 252 | 2062639 | 39.248 ng | 99 |
| 90) Benzo(a)pyrene | 15.58 | 252 | 1937544 | 37.932 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.20 | 278 | 1730080 | 37.765 ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.64 | 276 | 1649759 | 37.159 ng | 99 |

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

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