Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118932.D
Acq On : 14 Feb 2020 14:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Feb 15 03:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 15 03:51:59 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.78 | 152 | 195923 | 20.00 | ng | | -0.04 |
| 21) Naphthalene-d8 | 8.06 | 136 | 716783 | 20.00 | ng | | -0.04 |
| 39) Acenaphthene-d10 | 9.82 | 164 | 392038 | 20.00 | ng | | -0.04 |
| 64) Phenanthrene-d10 | 11.30 | 188 | 729966 | 20.00 | ng | | -0.04 |
| 76) Chrysene-d12 | 13.93 | 240 | 826645 | 20.00 | ng | | -0.05 |
| 87) Perylene-d12 | 15.36 | 264 | 731877 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 1092910 | 105.59 | ng | | -0.04 |
| 7) Phenol-d6 | 6.42 | 99 | 1299558 | 101.15 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 1001899 | 83.31 | ng | | -0.04 |
| 42) 2,4,6-Tribromophenol | 10.60 | 330 | 383979 | 81.86 | ng | | -0.04 |
| 45) 2-Fluorobiphenyl | 9.14 | 172 | 1921206 | 87.61 | ng | | -0.04 |
| 79) Terphenyl-d14 | 12.88 | 244 | 3002190 | 74.60 | ng | | -0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.49 | 88 | 198961 | 42.18 | ng | | 99 |
| 3) Pyridine | 3.23 | 79 | 737705 | 56.32 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.17 | 42 | 265452 | 55.66 | ng | | 99 |
| 6) Aniline | 6.45 | 93 | 860638 | 52.01 | ng | | 96 |
| 8) 2-Chlorophenol | 6.57 | 128 | 623291 | 54.07 | ng | | 99 |
| 9) Benzaldehyde | 6.33 | 77 | 371269 | 60.41 | ng | | 99 |
| 10) Phenol | 6.43 | 94 | 735843 | 51.51 | ng | | 84 |
| 11) bis(2-Chloroethyl)ether | 6.52 | 93 | 600450 | 54.94 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.72 | 146 | 581010 | 42.34 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.80 | 146 | 583672 | 42.64 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.95 | 146 | 534395 | 40.87 | ng | | 98 |
| 15) Benzyl Alcohol | 6.92 | 79 | 411208 | 41.41 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45 | 528897 | 39.51 | ng | | 96 |
| 17) 2-Methylphenol | 7.04 | 107 | 398846 | 41.61 | ng | | 99 |
| 18) Hexachloroethane | 7.29 | 117 | 205364 | 41.80 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 310708 | 39.52 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.19 | 107 | 462818 | 38.52 | ng | # | 87 |
| 22) Acetophenone | 7.19 | 105 | 649496 | 41.71 | ng | | 98 |
| 24) Nitrobenzene | 7.36 | 77 | 502201 | 41.80 | ng | | 98 |
| 25) Isophorone | 7.60 | 82 | 866561 | 40.10 | ng | | 100 |
| 26) 2-Nitrophenol | 7.68 | 139 | 266668 | 41.66 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.72 | 122 | 355538 | 40.89 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.81 | 93 | 569446 | 40.63 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.92 | 162 | 428717 | 41.17 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.00 | 180 | 500279 | 41.10 | ng | | 98 |
| 31) Naphthalene | 8.09 | 128 | 1398117 | 42.65 | ng | | 98 |
| 32) Benzoic acid | 7.86 | 122 | 265293 | 36.85 | ng | | 98 |
| 33) 4-Chloroaniline | 8.13 | 127 | 600876 | 40.97 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.20 | 225 | 312357 | 41.88 | ng | | 99 |
| 35) Caprolactam | 8.51 | 113 | 133180 | 39.45 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 432309 | 41.25 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.77 | 142 | 937751 | 41.24 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.87 | 142 | 885417 | 41.40 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.94 | 216 | 504730 | 42.66 | ng | | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.93 | 237 | 163241 | 35.18 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.05 | 196 | 318918 | 40.31 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.10 | 196 | 332784 | 41.16 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.24 | 154 | 1171349 | 43.19 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.26 | 162 | 966507 | 42.87 | ng | | 99 |
| 48) 2-Nitroaniline | 9.36 | 65 | 271025 | 41.68 | ng | | 94 |
| 49) Acenaphthylene | 9.67 | 152 | 1402035 | 43.07 | ng | | 100 |
| 50) Dimethylphthalate | 9.54 | 163 | 1125856 | 42.18 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.60 | 165 | 256918 | 42.06 | ng | | 99 |
| 52) Acenaphthene | 9.85 | 154 | 846035 | 39.44 | ng | | 99 |
| 53) 3-Nitroaniline | 9.77 | 138 | 282988 | 41.78 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.88 | 184 | 103324 | 35.19 | ng | | 91 |
| 55) Dibenzofuran | 10.02 | 168 | 1266830 | 40.87 | ng | | 98 |
| 56) 4-Nitrophenol | 9.94 | 139 | 181364 | 36.99 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 10.00 | 165 | 332753 | 41.17 | ng | # | 87 |
| 58) Fluorene | 10.36 | 166 | 977862 | 41.93 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.14 | 232 | 286239 | 40.54 | ng | | 99 |
| 60) Diethylphthalate | 10.23 | 149 | 1065209 | 41.04 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.35 | 204 | 510565 | 40.37 | ng | | 97 |
| 62) 4-Nitroaniline | 10.38 | 138 | 291608 | 42.99 | ng | | 96 |
| 63) Azobenzene | 10.52 | 77 | 927620 | 41.86 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198 | 164396 | 40.08 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.47 | 169 | 893060 | 42.24 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.84 | 248 | 354369 | 41.04 | ng | | 96 |
| 68) Hexachlorobenzene | 10.92 | 284 | 412036 | 41.60 | ng | | 95 |
| 69) Atrazine | 11.00 | 200 | 274739 | 39.00 | ng | | 99 |
| 70) Pentachlorophenol | 11.10 | 266 | 172924 | 33.07 | ng | | 98 |
| 71) Phenanthrene | 11.32 | 178 | 1486261 | 41.38 | ng | | 99 |
| 72) Anthracene | 11.37 | 178 | 1481969 | 41.48 | ng | | 98 |
| 73) Carbazole | 11.53 | 167 | 1322501 | 42.18 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.86 | 149 | 1594897 | 39.93 | ng | | 99 |
| 75) Fluoranthene | 12.51 | 202 | 1595137 | 40.68 | ng | | 98 |
| 77) Benzidine | 12.63 | 184 | 891371 | 35.65 | ng | | 98 |
| 78) Pyrene | 12.73 | 202 | 2129925 | 37.56 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.35 | 149 | 847197 | 32.73 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.92 | 228 | 1930504 | 39.25 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.88 | 252 | 748719 | 37.21 | ng | # | 98 |
| 83) Chrysene | 13.96 | 228 | 1929895 | 39.09 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 13.92 | 149 | 1164155 | 35.45 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.52 | 149 | 1916254 | 34.06 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.79 | 276 | 1606523 | 32.39 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 14.95 | 252 | 1891171 | 41.64 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 14.99 | 252 | 1703005 | 43.06 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.30 | 252 | 1618356 | 41.64 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 16.79 | 278 | 1324115 | 38.38 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.20 | 276 | 1291719 | 38.93 | ng | | 97 |

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

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