Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100602.D
Acq On : 15 Nov 2017 22:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 16 03:38:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 122822 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 467310 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.92 | 164 | 180027 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.40 | 188 | 262268 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.04 | 240 | 244252 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.52 | 264 | 258895 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 605928 | 79.08 | ng | | 0.00 |
| 7) Phenol-d6 | 6.51 | 99 | 735798 | 77.88 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 652587 | 92.33 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 136342 | 74.32 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.24 | 172 | 1094624 | 92.59 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.99 | 244 | 723143 | 68.03 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.66 | 88 | 147612 | 39.532 | ng | | 97 |
| 3) Pyridine | 3.43 | 79 | 401096 | 39.373 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.39 | 42 | 183612 | 37.123 | ng | | 97 |
| 6) Aniline | 6.55 | 93 | 495776 | 37.142 | ng | | 100 |
| 8) 2-Chlorophenol | 6.67 | 128 | 327745 | 40.434 | ng | | 99 |
| 9) Benzaldehyde | 6.44 | 77 | 241975 | 35.862 | ng | | 94 |
| 10) Phenol | 6.52 | 94 | 383203 | 38.634 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.62 | 93 | 324597 | 38.961 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.83 | 146 | 374948 | 40.122 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.90 | 146 | 378289 | 39.994 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.06 | 146 | 344669 | 39.412 | ng | | 97 |
| 15) Benzyl Alcohol | 7.02 | 79 | 289862 | 39.309 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45 | 431155 | 32.357 | ng | | 97 |
| 17) 2-Methylphenol | 7.13 | 107 | 273543 | 39.490 | ng | | 99 |
| 18) Hexachloroethane | 7.40 | 117 | 119582 | 38.344 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 241761 | 36.896 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.29 | 107 | 331427 | 37.811 | ng | | 90 |
| 22) Acetophenone | 7.30 | 105 | 447899 | 39.306 | ng | # | 98 |
| 24) Nitrobenzene | 7.47 | 77 | 334068 | 45.920 | ng | | 98 |
| 25) Isophorone | 7.70 | 82 | 577651 | 38.890 | ng | | 100 |
| 26) 2-Nitrophenol | 7.78 | 139 | 172724 | 50.342 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.82 | 122 | 263162 | 39.523 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93 | 394520 | 40.606 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.02 | 162 | 267680 | 42.111 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.11 | 180 | 288846 | 42.009 | ng | | 96 |
| 31) Naphthalene | 8.19 | 128 | 897405 | 39.870 | ng | | 100 |
| 32) Benzoic acid | 7.92 | 122 | 184470 | 38.487 | ng | | 97 |
| 33) 4-Chloroaniline | 8.23 | 127 | 370649 | 39.561 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.30 | 225 | 172929 | 42.300 | ng | | 98 |
| 35) Caprolactam | 8.61 | 113 | 75397 | 34.563 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.71 | 107 | 254794 | 37.322 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.88 | 142 | 566713 | 37.925 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 294377 | 49.304 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 9.03 | 237 | 60934 | 21.684 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.15 | 196 | 176475 | 46.636 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.19 | 196 | 181034 | 46.175 | ng | | 93 |
| 45) 1,1'-Biphenyl | 9.35 | 154 | 717400 | 46.074 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.37 | 162 | 514962 | 45.589 | ng | | 96 |
| 47) 2-Nitroaniline | 9.46 | 65 | 155448 | 46.656 | ng | | 99 |
| 48) Acenaphthylene | 9.79 | 152 | 789452 | 42.172 | ng | | 99 |
| 49) Dimethylphthalate | 9.64 | 163 | 608072 | 44.239 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.70 | 165 | 122903 | 45.172 | ng | | 92 |
| 51) Acenaphthene | 9.96 | 154 | 462813 | 40.651 | ng | | 100 |
| 52) 3-Nitroaniline | 9.87 | 138 | 137616 | 42.833 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.97 | 184 | 20898 | 28.920 | ng | # | 14 |
| 54) Dibenzofuran | 10.13 | 168 | 650138 | 40.744 | ng | | 98 |
| 55) 4-Nitrophenol | 10.02 | 139 | 87665 | 33.604 | ng | | 88 |
| 56) 2,4-Dinitrotoluene | 10.10 | 165 | 145301 | 42.332 | ng | # | 91 |
| 57) Fluorene | 10.47 | 166 | 466224 | 39.884 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.24 | 232 | 118361 | 36.836 | ng | # | 87 |
| 59) Diethylphthalate | 10.34 | 149 | 552379 | 40.158 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.46 | 204 | 241521 | 42.118 | ng | | 93 |
| 61) 4-Nitroaniline | 10.48 | 138 | 114626 | 37.626 | ng | | 90 |
| 62) Azobenzene | 10.62 | 77 | 469204 | 36.217 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198 | 41340 | 34.214 | ng | | 84 |
| 65) n-Nitrosodiphenylamine | 10.57 | 169 | 458044 | 50.228 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 10.95 | 248 | 138022 | 49.092 | ng | # | 82 |
| 67) Hexachlorobenzene | 11.02 | 284 | 133661 | 45.456 | ng | # | 88 |
| 68) Atrazine | 11.10 | 200 | 122525 | 44.386 | ng | | 97 |
| 69) Pentachlorophenol | 11.20 | 266 | 84668 | 40.156 | ng | | 98 |
| 70) Phenanthrene | 11.43 | 178 | 573641 | 41.542 | ng | | 100 |
| 71) Anthracene | 11.48 | 178 | 588400 | 41.999 | ng | | 100 |
| 72) Carbazole | 11.63 | 167 | 510811 | 39.516 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.96 | 149 | 668173 | 44.169 | ng | # | 98 |
| 74) Fluoranthene | 12.62 | 202 | 568782 | 38.865 | ng | | 98 |
| 76) Benzidine | 12.74 | 184 | 434500 | 44.419 | ng | | 98 |
| 77) Pyrene | 12.84 | 202 | 594307 | 34.134 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.46 | 149 | 256592 | 36.137 | ng | | 93 |
| 80) Benzo(a)anthracene | 14.03 | 228 | 612478 | 41.640 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.99 | 252 | 235101 | 44.612 | ng | | 98 |
| 82) Chrysene | 14.07 | 228 | 578809 | 40.637 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 379258 | 40.610 | ng | | 97 |
| 84) Di-n-octyl phthalate | 14.63 | 149 | 717226 | 44.705 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 17.00 | 276 | 552946 | 47.995 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.09 | 252 | 611499 | 39.868 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.12 | 252 | 622053 | 42.923 | ng | | 97 |
| 89) Benzo(a)pyrene | 15.46 | 252 | 571106 | 42.000 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 17.02 | 278 | 474009 | 42.625 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.45 | 276 | 440783 | 40.492 | ng | | 94 |

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

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