Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098937.D
Acq On : 29 Sep 2017 9:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
10/2/2017 5:38:35 PM

Quant Time: Sep 29 16:30:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.92 | 152 | 149220 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.20 | 136 | 632774 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.96 | 164 | 284433 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.45 | 188 | 507307 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.09 | 240 | 365934 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.58 | 264 | 295947 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 756554 | 80.71 | ng | | 0.00 |
| 7) Phenol-d6 | 6.55 | 99 | 925418 | 80.03 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.49 | 82 | 792620 | 80.33 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.75 | 330 | 189932 | 81.61 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.27 | 172 | 1342106 | 78.77 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.03 | 244 | 1279013 | 79.49 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.72 | 88 | 175881 | 39.279 | ng | | 98 |
| 3) Pyridine | 3.50 | 79 | 488474 | 40.326 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.46 | 42 | 207649 | 40.426 | ng | # | 95 |
| 6) Aniline | 6.59 | 93 | 614678 | 39.385 | ng | | 99 |
| 8) 2-Chlorophenol | 6.70 | 128 | 421817 | 39.737 | ng | | 97 |
| 9) Benzaldehyde | 6.47 | 77 | 249960 | 37.265 | ng | | 99 |
| 10) Phenol | 6.56 | 94 | 518484 | 40.092 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.65 | 93 | 399270 | 39.713 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.86 | 146 | 435871 | 39.207 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.93 | 146 | 441233 | 39.009 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.09 | 146 | 413795 | 39.592 | ng | | 98 |
| 15) Benzyl Alcohol | 7.06 | 79 | 334821 | 39.469 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45 | 605584 | 38.661 | ng | | 98 |
| 17) 2-Methylphenol | 7.16 | 107 | 339536 | 39.091 | ng | | 99 |
| 18) Hexachloroethane | 7.43 | 117 | 158952 | 39.096 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70 | 275205 | 37.276 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.32 | 107 | 421194 | 38.332 | ng | # | 81 |
| 22) Acetophenone | 7.33 | 105 | 566940 | 36.980 | ng | # | 99 |
| 24) Nitrobenzene | 7.50 | 77 | 437450 | 39.083 | ng | | 97 |
| 25) Isophorone | 7.74 | 82 | 782250 | 38.345 | ng | | 100 |
| 26) 2-Nitrophenol | 7.82 | 139 | 229946 | 42.722 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.85 | 122 | 384310 | 37.808 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93 | 493727 | 38.836 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.06 | 162 | 341540 | 39.135 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.14 | 180 | 339385 | 38.882 | ng | | 98 |
| 31) Naphthalene | 8.23 | 128 | 1134734 | 38.182 | ng | | 100 |
| 32) Benzoic acid | 7.98 | 122 | 301286m | 36.084 | ng | | |
| 33) 4-Chloroaniline | 8.27 | 127 | 482783 | 38.901 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.33 | 225 | 172647 | 38.402 | ng | | 98 |
| 35) Caprolactam | 8.66 | 113 | 109223 | 39.016 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.75 | 107 | 377292 | 38.463 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.92 | 142 | 740403 | 38.324 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.08 | 216 | 331897 | 39.127 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.06 | 237 | 138478 | 35.722 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.19 | 196 | 234227 | 38.977 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.23 | 196 | 236105 | 39.358 | ng | | 100 |
| 45) 1,1'-Biphenyl | 9.38 | 154 | 943666 | 38.603 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.40 | 162 | 716373 | 39.031 | ng | | 99 |
| 47) 2-Nitroaniline | 9.50 | 65 | 233816 | 41.604 | ng | | 97 |
| 48) Acenaphthylene | 9.82 | 152 | 1093641 | 38.924 | ng | | 100 |
| 49) Dimethylphthalate | 9.67 | 163 | 843921 | 39.312 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.74 | 165 | 192552 | 41.200 | ng | | 97 |
| 51) Acenaphthene | 9.99 | 154 | 704144 | 39.563 | ng | | 99 |
| 52) 3-Nitroaniline | 9.91 | 138 | 229192 | 42.058 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 10.02 | 184 | 89065 | 39.765 | ng | | 96 |
| 54) Dibenzofuran | 10.16 | 168 | 921797 | 38.899 | ng | | 98 |
| 55) 4-Nitrophenol | 10.06 | 139 | 184183 | 39.971 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 10.15 | 165 | 256930 | 42.359 | ng | | 96 |
| 57) Fluorene | 10.51 | 166 | 746711 | 39.204 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.28 | 232 | 162872 | 39.304 | ng | | 98 |
| 59) Diethylphthalate | 10.37 | 149 | 818653 | 39.027 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.50 | 204 | 335104 | 39.166 | ng | | 94 |
| 61) 4-Nitroaniline | 10.53 | 138 | 223425 | 42.497 | ng | | 96 |
| 62) Azobenzene | 10.66 | 77 | 748818 | 38.824 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.56 | 198 | 130676 | 42.337 | ng | | 84 |
| 65) n-Nitrosodiphenylamine | 10.62 | 169 | 677482 | 38.549 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.99 | 248 | 193724 | 39.012 | ng | | 99 |
| 67) Hexachlorobenzene | 11.06 | 284 | 207081 | 39.046 | ng | | 95 |
| 68) Atrazine | 11.14 | 200 | 206160 | 38.989 | ng | | 100 |
| 69) Pentachlorophenol | 11.25 | 266 | 118518 | 35.907 | ng | | 98 |
| 70) Phenanthrene | 11.47 | 178 | 1047615 | 38.579 | ng | | 99 |
| 71) Anthracene | 11.52 | 178 | 1079659 | 38.858 | ng | | 99 |
| 72) Carbazole | 11.67 | 167 | 1066137 | 39.184 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.00 | 149 | 1278298 | 39.032 | ng | | 100 |
| 74) Fluoranthene | 12.66 | 202 | 1060316 | 38.561 | ng | | 98 |
| 76) Benzidine | 12.77 | 184 | 532138 | 39.317 | ng | | 99 |
| 77) Pyrene | 12.89 | 202 | 1103425 | 39.544 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.50 | 149 | 544011 | 41.483 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 877260 | 39.591 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.04 | 252 | 316179 | 38.924 | ng | | 97 |
| 82) Chrysene | 14.12 | 228 | 808553 | 38.328 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149 | 747702 | 41.407 | ng | # | 99 |
| 84) Di-n-octyl phthalate | 14.67 | 149 | 1236778 | 42.535 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.10 | 276 | 647788 | 38.387 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.14 | 252 | 753659 | 41.419 | ng | | 96 |
| 88) Benzo(k)fluoranthene | 15.17 | 252 | 658552 | 36.643 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.52 | 252 | 653484 | 39.125 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.12 | 278 | 537820 | 40.235 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.56 | 276 | 523036 | 39.585 | ng | | 96 |

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

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