Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093760.D
Acq On : 20 Mar 2017 12:16
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
3/21/2017 2:44:51 PM

Quant Time: Mar 20 13:21:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 13:13:09 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 222743 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 890036 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.88 | 164 | 420832 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.35 | 188 | 719361 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.98 | 240 | 557595 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.39 | 264 | 517299 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 692376 | 51.82 | ng | | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 784534 | 47.38 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 773980 | 52.19 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 157354 | 57.13 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.20 | 172 | 1437881 | 64.48 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.93 | 244 | 1253933 | 48.40 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.44 | 88 | 161828 | 23.46 | ng | | 98 |
| 3) Pyridine | 3.13 | 79 | 420820 | 22.30 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.06 | 42 | 182435 | 22.09 | ng | | 98 |
| 6) Aniline | 6.49 | 93 | 588042 | 24.84 | ng | | 96 |
| 8) 2-Chlorophenol | 6.62 | 128 | 385511 | 25.95 | ng | | 93 |
| 9) Benzaldehyde | 6.38 | 77 | 297497 | 31.03 | ng | | 92 |
| 10) Phenol | 6.47 | 94 | 423336 | 21.87 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 375658 | 24.62 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.78 | 146 | 431613 | 26.23 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.86 | 146 | 417275 | 24.76 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.01 | 146 | 406261 | 25.78 | ng | | 98 |
| 15) Benzyl Alcohol | 6.97 | 79 | 295204 | 23.81 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45 | 571112 | 23.74 | ng | | 99 |
| 17) 2-Methylphenol | 7.09 | 107 | 301047 | 23.41 | ng | | 98 |
| 18) Hexachloroethane | 7.35 | 117 | 146008 | 24.39 | ng | # | 75 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 244094 | 22.20 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 392447 | 25.74 | ng | # | 87 |
| 22) Acetophenone | 7.25 | 105 | 513665 | 25.90 | ng | # | 91 |
| 24) Nitrobenzene | 7.42 | 77 | 418039 | 26.08 | ng | # | 89 |
| 25) Isophorone | 7.66 | 82 | 706694 | 24.76 | ng | | 98 |
| 26) 2-Nitrophenol | 7.74 | 139 | 179489 | 29.57 | ng | # | 90 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 336399 | 24.22 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93 | 499947 | 27.75 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.98 | 162 | 317396 | 26.60 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.07 | 180 | 322851 | 25.96 | ng | | 97 |
| 31) Naphthalene | 8.14 | 128 | 1064103 | 24.52 | ng | | 100 |
| 32) Benzoic acid | 7.88 | 122 | 205653 | 28.30 | ng | | 95 |
| 33) 4-Chloroaniline | 8.18 | 127 | 421137 | 23.17 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.28 | 225 | 168603 | 25.88 | ng | | 98 |
| 35) Caprolactam | 8.54 | 113 | 96680 | 24.14 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 303932 | 24.19 | ng | # | 81 |
| 37) 2-Methylnaphthalene | 8.84 | 142 | 760110 | 27.04 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 282184 | 28.64 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.00 | 237 | 151810 | 30.84 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.11 | 196 | 207408 | 28.55 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.14 | 196 | 221587m | 29.58 | ng | | |
| 45) 1,1'-Biphenyl | 9.29 | 154 | 809174 | 27.42 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.32 | 162 | 624042 | 26.36 | ng | # | 90 |
| 47) 2-Nitroaniline | 9.41 | 65 | 187521 | 27.37 | ng | | 93 |
| 48) Acenaphthylene | 9.74 | 152 | 1110314 | 28.76 | ng | | 99 |
| 49) Dimethylphthalate | 9.60 | 163 | 783734 | 28.51 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.65 | 165 | 163251 | 27.50 | ng | # | 64 |
| 51) Acenaphthene | 9.91 | 154 | 687060 | 30.19 | ng | | 98 |
| 52) 3-Nitroaniline | 9.82 | 138 | 218199 | 30.97 | ng | | 87 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 63306 | 35.78 | ng | # | 59 |
| 54) Dibenzofuran | 10.08 | 168 | 885529 | 28.63 | ng | | 94 |
| 55) 4-Nitrophenol | 9.97 | 139 | 145455 | 27.37 | ng | # | 61 |
| 56) 2,4-Dinitrotoluene | 10.05 | 165 | 197543 | 25.00 | ng | # | 65 |
| 57) Fluorene | 10.41 | 166 | 655427 | 26.12 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.20 | 232 | 156960 | 30.47 | ng | | 96 |
| 59) Diethylphthalate | 10.30 | 149 | 743169 | 28.40 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.41 | 204 | 299022 | 28.29 | ng | | 95 |
| 61) 4-Nitroaniline | 10.42 | 138 | 183672 | 28.02 | ng | | 94 |
| 62) Azobenzene | 10.57 | 77 | 787507 | 29.79 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 103775 | 33.00 | ng | # | 61 |
| 65) n-Nitrosodiphenylamine | 10.53 | 169 | 607964 | 25.04 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.90 | 248 | 189622 | 27.89 | ng | # | 86 |
| 67) Hexachlorobenzene | 10.97 | 284 | 182631 | 25.69 | ng | # | 85 |
| 68) Atrazine | 11.05 | 200 | 179480 | 25.67 | ng | | 93 |
| 69) Pentachlorophenol | 11.16 | 266 | 116803 | 28.68 | ng | | 99 |
| 70) Phenanthrene | 11.37 | 178 | 979474 | 24.08 | ng | | 99 |
| 71) Anthracene | 11.42 | 178 | 1039281 | 26.11 | ng | | 99 |
| 72) Carbazole | 11.58 | 167 | 1120213 | 26.89 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.92 | 149 | 1195940 | 28.08 | ng | | 99 |
| 74) Fluoranthene | 12.55 | 202 | 1014053 | 25.73 | ng | | 96 |
| 76) Benzidine | 12.68 | 184 | 654971 | 30.06 | ng | | 95 |
| 77) Pyrene | 12.78 | 202 | 1002390 | 21.14 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 462502 | 22.96 | ng | # | 81 |
| 80) Benzo(a)anthracene | 13.97 | 228 | 838836 | 23.44 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.93 | 252 | 340150 | 27.10 | ng | # | 93 |
| 82) Chrysene | 14.00 | 228 | 834552 | 24.13 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149 | 619406 | 27.97 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.59 | 149 | 1137867 | 27.87 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.75 | 276 | 711217 | 24.28 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 811917m | 24.76 | ng | | |
| 88) Benzo(k)fluoranthene | 15.01 | 252 | 692744m | 23.90 | ng | | |
| 89) Benzo(a)pyrene | 15.33 | 252 | 735433 | 25.38 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.76 | 278 | 614488 | 25.06 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.15 | 276 | 587345 | 23.56 | ng | | 99 |

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

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