Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
Data File : BF085051.D
Acq On : 12 Feb 2016 17:25
Operator : SJ/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
Sohil
2/15/2016 4:42:44 PM

Quant Time: Feb 12 23:28:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 23:09:50 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.87 | 152 | 142278 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.78 | 136 | 624458 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 10.58 | 164 | 292421 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.98 | 188 | 550684 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 17.17 | 240 | 383645 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 18.79 | 264 | 269375 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.41 | 112 | 43853m | 4.88 | ng | | 0.25 |
| 7) Phenol-d6 | 5.55 | 99 | 54366m | 4.75 | ng | | 0.11 |
| 23) Nitrobenzene-d5 | 6.73 | 82 | 53415 | 4.85 | ng | | 0.01 |
| 41) 2,4,6-Tribromophenol | 11.90 | 330 | 13695 | 4.49 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 9.53 | 172 | 110934 | 5.58 | ng | | 0.00 |
| 78) Terphenyl-d14 | 15.61 | 244 | 103986 | 6.04 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 8) 2-Chlorophenol | 5.63 | 128 | 23660 | 2.29 | ng | | 91 |
| 9) Benzaldehyde | 5.35 | 77 | 15922 | 2.42 | ng | # | 77 |
| 10) Phenol | 5.56 | 94 | 32645m | 2.52 | ng | | |
| 11) bis(2-Chloroethyl)ether | 5.55 | 93 | 39821m | 3.90 | ng | | |
| 12) 1,3-Dichlorobenzene | 5.82 | 146 | 23511 | 2.15 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 5.91 | 146 | 31302m | 2.84 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.12 | 146 | 28763 | 2.83 | ng | | 100 |
| 15) Benzyl Alcohol | 6.30 | 79 | 18343 | 2.37 | ng | # | 70 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.30 | 45 | 44194 | 2.63 | ng | | 78 |
| 17) 2-Methylphenol | 6.40 | 107 | 22682m | 2.85 | ng | | |
| 18) Hexachloroethane | 6.58 | 117 | 10179 | 2.42 | ng | # | 85 |
| 19) n-Nitroso-di-n-propylamine | 6.50 | 70 | 17421 | 2.43 | ng | # | 92 |
| 20) 3+4-Methylphenols | 6.68 | 107 | 30643m | 3.07 | ng | | |
| 22) Acetophenone | 6.52 | 105 | 40744 | 2.47 | ng | # | 98 |
| 24) Nitrobenzene | 6.76 | 77 | 29397 | 2.45 | ng | | 98 |
| 25) Isophorone | 7.08 | 82 | 44482 | 2.09 | ng | | 97 |
| 26) 2-Nitrophenol | 7.26 | 139 | 12142 | 2.07 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.42 | 122 | 21199 | 2.09 | ng | | 92 |
| 28) bis(2-Chloroethoxy)methane | 7.50 | 93 | 30608 | 2.40 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 7.68 | 162 | 19001 | 2.20 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 7.71 | 180 | 24037 | 2.44 | ng | # | 96 |
| 31) Naphthalene | 7.83 | 128 | 78799 | 2.50 | ng | | 97 |
| 33) 4-Chloroaniline | 8.02 | 127 | 28076 | 2.16 | ng | # | 92 |
| 34) Hexachlorobutadiene | 8.01 | 225 | 12602 | 2.23 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.86 | 107 | 21146 | 2.12 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.94 | 142 | 55193m | 2.84 | ng | | |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.20 | 216 | 23975 | 2.53 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.55 | 196 | 15893m | 2.59 | ng | | |
| 45) 1,1'-Biphenyl | 9.69 | 154 | 70017 | 2.67 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.70 | 162 | 49781 | 2.58 | ng | | 98 |
| 47) 2-Nitroaniline | 9.96 | 65 | 13122 | 2.12 | ng | | 90 |
| 48) Acenaphthylene | 10.35 | 152 | 77142 | 2.62 | ng | | 96 |
| 49) Dimethylphthalate | 10.22 | 163 | 56321 | 2.53 | ng | # | 96 |
| 50) 2,6-Dinitrotoluene | 10.32 | 165 | 9993 | 2.08 | ng | # | 84 |

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|---|---|---|---|---|---|---|---|
| 51) Acenaphthene | 10.64 | 154 | 47898 | 2.53 | ng | | 98 |
| 52) 3-Nitroaniline | 10.64 | 138 | 11054 | 2.02 | ng | # | 94 |
| 54) Dibenzofuran | 10.92 | 168 | 64267 | 2.75 | ng | | 95 |
| 56) 2,4-Dinitrotoluene | 10.99 | 165 | 13574 | 2.17 | ng | # | 92 |
| 57) Fluorene | 11.47 | 166 | 55039 | 2.81 | ng | | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.19 | 232 | 11686m | 2.46 | ng | | |
| 59) Diethylphthalate | 11.36 | 149 | 56080 | 2.56 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 11.51 | 204 | 26004 | 2.76 | ng | | 96 |
| 62) Azobenzene | 11.76 | 77 | 53259 | 2.53 | ng | | 96 |
| 65) n-Nitrosodiphenylamine | 11.71 | 169 | 45814 | 2.65 | ng | | 91 |
| 66) 4-Bromophenyl-phenylether | 12.30 | 248 | 14512 | 2.40 | ng | | 91 |
| 67) Hexachlorobenzene | 12.35 | 284 | 15992 | 2.40 | ng | | 91 |
| 68) Atrazine | 12.63 | 200 | 12474 | 2.26 | ng | | 90 |
| 70) Phenanthrene | 13.03 | 178 | 81755 | 2.66 | ng | | 95 |
| 71) Anthracene | 13.11 | 178 | 84529 | 2.77 | ng | | 99 |
| 72) Carbazole | 13.43 | 167 | 64083 | 2.42 | ng | | 99 |
| 73) Di-n-butylphthalate | 14.03 | 149 | 95995 | 2.80 | ng | | 97 |
| 74) Fluoranthene | 14.96 | 202 | 78026 | 2.55 | ng | | 98 |
| 77) Pyrene | 15.31 | 202 | 78714 | 2.69 | ng | | 99 |
| 79) Butylbenzylphthalate | 16.45 | 149 | 30536 | 2.32 | ng | | 92 |
| 80) Benzo(a)anthracene | 17.15 | 228 | 56160 | 2.38 | ng | | 98 |
| 82) Chrysene | 17.20 | 228 | 57146 | 2.51 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 17.27 | 149 | 39453 | 2.37 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 18.02 | 149 | 55578 | 2.07 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 20.09 | 276 | 45757 | 2.53 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 18.40 | 252 | 49805m | 2.74 | ng | | |
| 88) Benzo(k)fluoranthene | 18.43 | 252 | 33674m | 2.27 | ng | | |
| 89) Benzo(a)pyrene | 18.73 | 252 | 39987 | 2.61 | ng | # | 92 |
| 90) Dibenzo(a,h)anthracene | 20.10 | 278 | 37269 | 2.82 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 20.47 | 276 | 39848 | 2.99 | ng | | 99 |

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

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