Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089129.D
Acq On : 20 Jul 2016 12:05
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC02.5

Quant Time: Jul 20 16:43:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 15:28:22 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.60 | 152 | 47686 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.88 | 136 | 211084 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.63 | 164 | 105204 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.11 | 188 | 209660 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.73 | 240 | 171307 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.07 | 264 | 125025 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 15301 | 4.83 | ng | | 0.02 |
| 7) Phenol-d6 | 6.26 | 99 | 22084 | 5.38 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.16 | 82 | 20297 | 5.04 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.42 | 330 | 4505 | 4.69 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.96 | 172 | 41846 | 5.99 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.69 | 244 | 37227 | 4.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.06 | 88 | 3613 | 2.33 | ng | | 92 |
| 3) Pyridine | 2.73 | 79 | 7762 | 1.75 | ng | # | 69 |
| 4) n-Nitrosodimethylamine | 2.66 | 42 | 2967 | 1.73 | ng | # | 88 |
| 6) Aniline | 6.26 | 93 | 14582 | 2.48 | ng | # | 85 |
| 8) 2-Chlorophenol | 6.39 | 128 | 8741 | 2.54 | ng | | 85 |
| 9) Benzaldehyde | 6.15 | 77 | 6351 | 2.34 | ng | | 99 |
| 10) Phenol | 6.28 | 94 | 12254 | 2.62 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 6.34 | 93 | 9089 | 2.57 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.54 | 146 | 10369 | 2.74 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.62 | 146 | 10381 | 2.77 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.76 | 146 | 9817 | 2.75 | ng | | 90 |
| 15) Benzyl Alcohol | 6.76 | 79 | 7375 | 2.45 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45 | 10620 | 2.16 | ng | | 82 |
| 17) 2-Methylphenol | 6.89 | 107 | 7257 | 2.61 | ng | | 99 |
| 18) Hexachloroethane | 7.11 | 117 | 3800 | 2.64 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70 | 6844 | 2.44 | ng | # | 87 |
| 20) 3+4-Methylphenols | 7.05 | 107 | 9570 | 2.78 | ng | | 99 |
| 22) Acetophenone | 7.02 | 105 | 14589 | 2.79 | ng | # | 97 |
| 24) Nitrobenzene | 7.19 | 77 | 10622 | 2.58 | ng | | 95 |
| 25) Isophorone | 7.43 | 82 | 18424 | 2.47 | ng | | 99 |
| 26) 2-Nitrophenol | 7.51 | 139 | 4533 | 2.65 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.56 | 122 | 8649 | 2.54 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93 | 11343 | 2.31 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 7.76 | 162 | 7145 | 2.51 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.83 | 180 | 8217 | 2.65 | ng | | 93 |
| 31) Naphthalene | 7.91 | 128 | 30475 | 2.92 | ng | | 100 |
| 33) 4-Chloroaniline | 7.96 | 127 | 12016 | 2.58 | ng | # | 88 |
| 34) Hexachlorobutadiene | 8.03 | 225 | 4557 | 2.72 | ng | | 96 |
| 35) Caprolactam | 8.30 | 113 | 2011 | 2.13 | ng | # | 84 |
| 36) 4-Chloro-3-methylphenol | 8.47 | 107 | 8828 | 2.64 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.59 | 142 | 18225m | 2.64 | ng | | |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.76 | 216 | 10210 | 2.92 | ng | | 95 |
| 42) 2,4,6-Trichlorophenol | 8.89 | 196 | 5113 | 2.20 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 8.92 | 196 | 5091 | 2.53 | ng | # | 80 |

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|---|---|---|---|---|---|---|---|
| 45) 1,1'-Biphenyl | 9.06 | 154 | 24864 | 2.87 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.08 | 162 | 18436 | 2.71 | ng | # | 91 |
| 47) 2-Nitroaniline | 9.19 | 65 | 6062 | 2.55 | ng | # | 80 |
| 48) Acenaphthylene | 9.50 | 152 | 28251 | 2.60 | ng | | 99 |
| 49) Dimethylphthalate | 9.36 | 163 | 19891 | 2.58 | ng | # | 96 |
| 50) 2,6-Dinitrotoluene | 9.43 | 165 | 4557 | 2.66 | ng | | 98 |
| 51) Acenaphthene | 9.66 | 154 | 17078 | 2.56 | ng | | 98 |
| 52) 3-Nitroaniline | 9.60 | 138 | 5014 | 2.39 | ng | | 98 |
| 54) Dibenzofuran | 9.84 | 168 | 22984 | 2.63 | ng | | 91 |
| 55) 4-Nitrophenol | 9.79 | 139 | 2327m | 1.50 | ng | | |
| 56) 2,4-Dinitrotoluene | 9.83 | 165 | 6416 | 2.90 | ng | # | 88 |
| 57) Fluorene | 10.17 | 166 | 21069 | 3.02 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.96 | 232 | 3512 | 2.27 | ng | # | 92 |
| 59) Diethylphthalate | 10.06 | 149 | 20098 | 2.67 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.17 | 204 | 9353 | 2.93 | ng | # | 75 |
| 61) 4-Nitroaniline | 10.20 | 138 | 4720 | 2.29 | ng | | 84 |
| 62) Azobenzene | 10.33 | 77 | 22382 | 2.62 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 10.30 | 169 | 17133 | 2.46 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 10.66 | 248 | 5090 | 2.41 | ng | # | 81 |
| 67) Hexachlorobenzene | 10.72 | 284 | 5961 | 2.59 | ng | # | 78 |
| 68) Atrazine | 10.82 | 200 | 5873 | 2.68 | ng | | 95 |
| 70) Phenanthrene | 11.13 | 178 | 28984 | 2.54 | ng | | 98 |
| 71) Anthracene | 11.18 | 178 | 32972 | 2.87 | ng | | 99 |
| 72) Carbazole | 11.34 | 167 | 26254 | 2.41 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.68 | 149 | 34208 | 2.74 | ng | | 99 |
| 74) Fluoranthene | 12.31 | 202 | 31468 | 2.75 | ng | | 93 |
| 76) Benzidine | 12.43 | 184 | 14047 | 1.71 | ng | | 98 |
| 77) Pyrene | 12.53 | 202 | 33024 | 2.29 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.17 | 149 | 13661 | 2.13 | ng | # | 86 |
| 80) Benzo(a)anthracene | 13.71 | 228 | 25278 | 2.31 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.68 | 252 | 7317 | 1.76 | ng | # | 95 |
| 82) Chrysene | 13.75 | 228 | 24530 | 2.25 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.73 | 149 | 18247 | 2.48 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.33 | 149 | 29763 | 2.38 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 16.29 | 276 | 16396 | 1.97 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.71 | 252 | 23407m | 2.84 | ng | | |
| 88) Benzo(k)fluoranthene | 14.73 | 252 | 16754m | 2.55 | ng | | |
| 89) Benzo(a)pyrene | 15.02 | 252 | 17985 | 2.70 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.30 | 278 | 13274 | 2.40 | ng | # | 90 |
| 91) Benzo(g,h,i)perylene | 16.65 | 276 | 14014 | 2.46 | ng | | 94 |

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

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