Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087788.D
Acq On : 7 Jun 2016 13:56
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
6/8/2016 7:12:29 PM

Quant Time: Jun 07 17:45:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:24:58 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 88475 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.12 | 136 | 383668 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.87 | 164 | 182527 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.36 | 188 | 351999 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.98 | 240 | 286659 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.39 | 264 | 221694 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 29593 | 5.41 | ng | | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 35152 | 5.12 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.39 | 82 | 32825 | 4.95 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.66 | 330 | 9880 | 5.39 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.20 | 172 | 87325 | 5.91 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.94 | 244 | 74645 | 6.35 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.08 | 42 | 6789 | 2.30 | ng | # | 98 |
| 6) Aniline | 6.49 | 93 | 24585 | 2.53 | ng | | 95 |
| 8) 2-Chlorophenol | 6.62 | 128 | 18065 | 2.87 | ng | | 94 |
| 9) Benzaldehyde | 6.38 | 77 | 12566 | 2.71 | ng | # | 82 |
| 10) Phenol | 6.48 | 94 | 20281 | 2.59 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 17240 | 3.04 | ng | | 88 |
| 12) 1,3-Dichlorobenzene | 6.78 | 146 | 19335 | 2.87 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.86 | 146 | 20368 | 3.01 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.00 | 146 | 17622m | 2.78 | ng | | |
| 15) Benzyl Alcohol | 6.98 | 79 | 12869 | 2.54 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45 | 20058 | 2.42 | ng | | 95 |
| 17) 2-Methylphenol | 7.10 | 107 | 13013 | 2.57 | ng | | 94 |
| 18) Hexachloroethane | 7.36 | 117 | 6370 | 2.69 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70 | 12158 | 2.84 | ng | | 96 |
| 22) Acetophenone | 7.24 | 105 | 25365 | 2.92 | ng | # | 90 |
| 24) Nitrobenzene | 7.42 | 77 | 17942 | 2.70 | ng | | 90 |
| 25) Isophorone | 7.66 | 82 | 31617 | 2.62 | ng | | 96 |
| 26) 2-Nitrophenol | 7.74 | 139 | 7510 | 2.44 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.78 | 122 | 16069 | 2.51 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93 | 21223 | 2.77 | ng | # | 95 |
| 29) 2,4-Dichlorophenol | 7.98 | 162 | 12916 | 2.46 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.07 | 180 | 16354 | 2.98 | ng | | 98 |
| 31) Naphthalene | 8.15 | 128 | 56608 | 3.03 | ng | | 98 |
| 33) 4-Chloroaniline | 8.19 | 127 | 22478 | 2.77 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.27 | 225 | 7762 | 2.72 | ng | | 97 |
| 35) Caprolactam | 8.51 | 113 | 3786 | 2.20 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 8.67 | 107 | 14350 | 2.64 | ng | | 87 |
| 37) 2-Methylnaphthalene | 8.83 | 142 | 35047 | 2.85 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 15336 | 3.05 | ng | # | 1 |
| 40) Hexachlorocyclopentadiene | 8.99 | 237 | 6677 | 2.26 | ng | | 98 |
| 42) 2,4,6-Trichlorophenol | 9.11 | 196 | 8730 | 2.30 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 9.15 | 196 | 9614 | 2.72 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.32 | 162 | 33344 | 2.83 | ng | # | 91 |
| 47) 2-Nitroaniline | 9.42 | 65 | 8931 | 2.69 | ng | # | 79 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087788.D
Acq On : 7 Jun 2016 13:56
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
6/8/2016 7:12:29 PM

Quant Time: Jun 07 17:45:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:24:58 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 48) Acenaphthylene | 9.74 | 152 | 56107 | 3.05 | ng | | 98 |
| 49) Dimethylphthalate | 9.60 | 163 | 37498 | 2.83 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.66 | 165 | 8480 | 2.81 | ng | # | 87 |
| 51) Acenaphthene | 9.91 | 154 | 35706 | 3.02 | ng | | 98 |
| 52) 3-Nitroaniline | 9.82 | 138 | 8140 | 2.36 | ng | # | 89 |
| 53) 2,4-Dinitrophenol | 9.93 | 184 | 459 | 4.20 | ng | # | 84 |
| 56) 2,4-Dinitrotoluene | 10.06 | 165 | 9963 | 2.59 | ng | # | 91 |
| 57) Fluorene | 10.42 | 166 | 40701 | 3.23 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.19 | 232 | 7782 | 2.56 | ng | # | 51 |
| 61) 4-Nitroaniline | 10.42 | 138 | 8426 | 2.54 | ng | | 96 |
| 62) Azobenzene | 10.57 | 77 | 37628 | 2.81 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 2138 | 3.06 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 10.52 | 169 | 32604 | 2.83 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.90 | 248 | 10855 | 3.11 | ng | # | 90 |
| 67) Hexachlorobenzene | 10.97 | 284 | 11030 | 2.83 | ng | # | 67 |
| 68) Atrazine | 11.05 | 200 | 8990 | 2.63 | ng | | 91 |
| 70) Phenanthrene | 11.37 | 178 | 54472 | 2.85 | ng | | 99 |
| 72) Carbazole | 11.58 | 167 | 49708 | 2.75 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.92 | 149 | 64501 | 3.32 | ng | | 98 |
| 74) Fluoranthene | 12.56 | 202 | 57973 | 3.09 | ng | | 95 |
| 77) Pyrene | 12.79 | 202 | 55919 | 2.74 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 21436 | 2.47 | ng | # | 74 |
| 80) Benzo(a)anthracene | 13.97 | 228 | 46170 | 2.79 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.93 | 252 | 10079 | 2.16 | ng | # | 96 |
| 82) Chrysene | 14.00 | 228 | 43788 | 2.66 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149 | 30316 | 2.93 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.58 | 149 | 45996 | 2.39 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.77 | 276 | 33718 | 2.48 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 14.98 | 252 | 46392m | 3.22 | ng | | |
| 88) Benzo(k)fluoranthene | 15.02 | 252 | 25217m | 2.10 | ng | | |
| 89) Benzo(a)pyrene | 15.34 | 252 | 31921 | 2.63 | ng | # | 93 |
| 90) Dibenzo(a,h)anthracene | 16.78 | 278 | 28103 | 2.72 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.18 | 276 | 27696 | 2.66 | ng | | 95 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087788.D
Acq On : 7 Jun 2016 13:56
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 07 17:45:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:24:58 2016
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
sohil
6/8/2016 7:12:29 PM