Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100115\
Data File : BG018981.D
Acq On : 30 Sep 2015 20:41
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02021

**Manual Integrations APPROVED**
MMDadoda
10/7/2015 12:57:04 PM

Quant Time: Oct 01 05:41:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 04:12:22 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 54201 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.79 | 136 | 243910 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.62 | 164 | 169475 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.36 | 188 | 455755 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.61 | 240 | 481520 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.79 | 264 | 494496 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.42 | 96 | 8189 | 7.26 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.16 | 99 | 93937 | 21.11 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.31 | 67 | 50068 | 19.41 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.52 | 132 | 75327 | 22.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.70 | 113 | 76860 | 21.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.15 | 128 | 38256 | 20.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.87 | 143 | 42785 | 23.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.41 | 165 | 83988 | 21.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.93 | 131 | 112116 | 24.63 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.02 | 166 | 271986 | 19.94 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.31 | 160 | 328999 | 20.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.83 | 143 | 46517 | 17.77 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.60 | 176 | 248101 | 20.80 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 44606 | 20.68 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.45 | 188 | 409577 | 20.41 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.74 | 212 | 478065 | 21.58 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.57 | 264 | 502645 | 20.89 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.46 | 88 | 10015 | 8.21 | ng/uL# | 69 |
| 4) Benzaldehyde | 7.12 | 77 | 57740 | 22.43 | ng/ul | 95 |
| 6) Phenol | 7.19 | 94 | 96523 | 20.97 | ng/ul# | 89 |
| 8) Bis(2-Chloroethyl)ether | 7.40 | 93 | 70228 | 20.42 | ng/ul | 89 |
| 10) 2-Chlorophenol | 7.55 | 128 | 75456 | 21.63 | ng/ul# | 90 |
| 11) 2-Methylphenol | 8.43 | 108 | 74890 | 21.15 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.52 | 45 | 75966 | 18.61 | ng/ul# | 90 |
| 14) Acetophenone | 8.81 | 105 | 119262 | 21.68 | ng/ul# | 83 |
| 15) N-Nitroso-di-n-propylamine | 8.79 | 70 | 54224 | 19.11 | ng/ul# | 78 |
| 16) 4-Methylphenol | 8.76 | 108 | 84137 | 21.62 | ng/ul | 92 |
| 17) Hexachloroethane | 9.07 | 117 | 27411 | 19.71 | ng/ul# | 72 |
| 20) Nitrobenzene | 9.19 | 77 | 80604 | 18.81 | ng/ul# | 87 |
| 21) Isophorone | 9.71 | 82 | 161095 | 18.45 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.90 | 139 | 46398 | 22.15 | ng/ul# | 80 |
| 24) 2,4-Dimethylphenol | 9.97 | 107 | 90416 | 20.83 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 10.19 | 93 | 100823 | 19.59 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.44 | 162 | 83309 | 21.28 | ng/ul | 95 |
| 28) Naphthalene | 10.84 | 128 | 251098 | 20.23 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.95 | 127 | 113132 | 24.03 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 11.12 | 225 | 51710 | 21.40 | ng/ul | 92 |
| 32) Caprolactam | 11.71 | 113 | 30170 | 18.82 | ng/ul# | 76 |
| 33) 4-Chloro-3-methylphenol | 12.08 | 107 | 89358 | 21.41 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.44 | 142 | 190139 | 20.74 | ng/ul | 94 |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100115\
Data File : BG018981.D
Acq On : 30 Sep 2015 20:41
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02021

**Manual Integrations APPROVED**
MMDadoda
10/7/2015 12:57:04 PM

Quant Time: Oct 01 05:41:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 04:12:22 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.66 | 142 | 182285 | 20.74 | ng/ul | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.81 | 216 | 108416 | 20.64 | ng/ul# | 95 |
| 38) Hexachlorocyclopentadiene | 12.79 | 237 | 27809 | 9.52 | ng/ul | 93 |
| 39) 2,4,6-Trichlorophenol | 13.05 | 196 | 72833 | 21.35 | ng/ul | 94 |
| 40) 2,4,5-Trichlorophenol | 13.13 | 196 | 81095 | 22.07 | ng/ul | 95 |
| 41) 1,1'-Biphenyl | 13.45 | 154 | 257519 | 20.08 | ng/ul | 95 |
| 42) 2-Chloronaphthalene | 13.49 | 162 | 201276 | 20.59 | ng/ul | 94 |
| 43) 2-Nitroaniline | 13.70 | 65 | 55559 | 19.17 | ng/ul# | 63 |
| 45) Dimethylphthalate | 14.06 | 163 | 264039 | 19.97 | ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 14.19 | 165 | 60947 | 22.92 | ng/ul# | 81 |
| 48) Acenaphthylene | 14.34 | 152 | 342224 | 19.90 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.52 | 138 | 69240 | 24.53 | ng/ul# | 74 |
| 50) Acenaphthene | 14.68 | 153 | 232231 | 20.05 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.73 | 184 | 19629 | 16.41 | ng/ul# | 69 |
| 53) 4-Nitrophenol | 14.84 | 109 | 29835 | 16.63 | ng/ul# | 83 |
| 54) Dibenzofuran | 15.01 | 168 | 333151 | 20.50 | ng/ul | 91 |
| 55) 2,4-Dinitrotoluene | 14.98 | 165 | 90660 | 22.91 | ng/ul# | 74 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.24 | 232 | 70285 | 19.81 | ng/ul# | 88 |
| 57) Diethylphthalate | 15.43 | 149 | 270935 | 19.72 | ng/ul | 97 |
| 59) Fluorene | 15.66 | 166 | 277297 | 20.20 | ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.65 | 204 | 134718 | 20.59 | ng/ul | 89 |
| 61) 4-Nitroaniline | 15.68 | 138 | 76684m | 23.63 | ng/ul | |
| 64) 4,6-Dinitro-2-methylphenol | 15.74 | 198 | 45473 | 20.54 | ng/ul# | 85 |
| 65) N-Nitrosodiphenylamine | 15.86 | 169 | 240476 | 20.15 | ng/ul | 96 |
| 66) 4-Bromophenyl-phenylether | 16.54 | 248 | 92680 | 20.76 | ng/ul# | 91 |
| 67) Hexachlorobenzene | 16.67 | 284 | 107730 | 21.76 | ng/ul# | 87 |
| 68) Atrazine | 16.81 | 200 | 107958 | 20.53 | ng/ul | 100 |
| 69) Pentachlorophenol | 17.01 | 266 | 35374 | 12.26 | ng/ul | 96 |
| 70) Phenanthrene | 17.40 | 178 | 467134 | 20.16 | ng/ul | 99 |
| 72) Anthracene | 17.49 | 178 | 471068 | 20.27 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.42 | 216 | 109164 | 20.13 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.93 | 250 | 117865 | 22.26 | ng/uL | 97 |
| 75) Carbazole | 17.76 | 167 | 448236 | 21.72 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.31 | 149 | 531114 | 20.37 | ng/ul# | 98 |
| 77) Fluoranthene | 19.40 | 202 | 585332 | 22.79 | ng/ul | 97 |
| 80) Pyrene | 19.77 | 202 | 589729 | 20.83 | ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.64 | 149 | 235614 | 21.69 | ng/ul | 95 |
| 82) 3,3'-Dichlorobenzidine | 21.51 | 252 | 218500 | 25.59 | ng/ul# | 98 |
| 83) Benzo(a)anthracene | 21.60 | 228 | 557929 | 20.90 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.49 | 149 | 338967 | 21.05 | ng/ul# | 99 |
| 85) Chrysene | 21.66 | 228 | 512817 | 20.82 | ng/ul | 97 |
| 87) Di-n-octyl phthalate | 22.68 | 149 | 574852 | 21.97 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.78 | 252 | 579898 | 20.74 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.85 | 252 | 542018 | 20.24 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 24.64 | 252 | 548945 | 20.66 | ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 28.40 | 276 | 643455 | 20.88 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 28.47 | 278 | 528483 | 21.37 | ng/ul | 96 |
| 94) Benzo(g,h,i)perylene | 29.54 | 276 | 531606 | 20.67 | ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100115\
Data File : BG018981.D
Acq On : 30 Sep 2015 20:41
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02021

**Manual Integrations APPROVED**
MMDadoda
10/7/2015 12:57:04 PM

Quant Time: Oct 01 05:41:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 04:12:22 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100115\
Data File : BG018981.D
Acq On : 30 Sep 2015 20:41
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 01 05:41:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 04:12:22 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02021

**Manual Integrations APPROVED**
MMDadoda
10/7/2015 12:57:04 PM