Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047684.D
Acq On : 9 Dec 2020 22:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02039

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:02 AM

Quant Time: Dec 10 01:51:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.22 | 152 | 32475 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.04 | 136 | 122502 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.84 | 164 | 93428 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.58 | 188 | 255352 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.85 | 240 | 236678 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.21 | 264 | 250044 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.53 | 96 | 5678 | 9.31 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.35 | 99 | 52164 | 18.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.52 | 67 | 26775 | 18.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.74 | 132 | 39474 | 18.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.91 | 113 | 41008 | 18.59 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.39 | 128 | 19732 | 19.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.11 | 143 | 23286 | 19.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.65 | 165 | 49995 | 19.12 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.17 | 131 | 46059 | 19.19 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.23 | 166 | 150089 | 18.50 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.53 | 160 | 175424 | 18.93 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.01 | 143 | 23160 | 19.24 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.82 | 176 | 142196 | 19.03 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 29135 | 16.86 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.67 | 188 | 234226m | 18.39 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.94 | 212 | 262872 | 18.79 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.99 | 264 | 267890 | 18.34 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.57 | 88 | 5000 | 7.950 | ng/uL | 88 |
| 4) Benzaldehyde | 7.34 | 77 | 25297 | 17.152 | ng/ul | 91 |
| 6) Phenol | 7.38 | 94 | 47396 | 18.050 | ng/ul | 94 |
| 8) Bis(2-Chloroethyl)ether | 7.62 | 93 | 33804 | 18.502 | ng/ul# | 85 |
| 10) 2-Chlorophenol | 7.78 | 128 | 37530 | 18.085 | ng/ul# | 79 |
| 11) 2-Methylphenol | 8.65 | 108 | 39441 | 18.896 | ng/ul | 89 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.74 | 45 | 31616 | 18.476 | ng/ul# | 86 |
| 14) Acetophenone | 9.04 | 105 | 64545 | 18.546 | ng/ul | 91 |
| 15) N-Nitroso-di-n-propylamine | 9.02 | 70 | 34657 | 18.019 | ng/ul | 90 |
| 16) 4-Methylphenol | 8.98 | 108 | 41717 | 18.710 | ng/ul# | 80 |
| 17) Hexachloroethane | 9.32 | 117 | 19111 | 18.837 | ng/ul# | 80 |
| 20) Nitrobenzene | 9.43 | 77 | 58155 | 18.399 | ng/ul | 92 |
| 21) Isophorone | 9.95 | 82 | 98666 | 18.167 | ng/ul | 99 |
| 23) 2-Nitrophenol | 10.14 | 139 | 23412 | 19.015 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 10.19 | 107 | 55016 | 18.657 | ng/ul# | 84 |
| 25) Bis(2-Chloroethoxy)methane | 10.43 | 93 | 46548 | 18.711 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.68 | 162 | 44797 | 20.262 | ng/ul | 98 |
| 28) Naphthalene | 11.10 | 128 | 126583 | 18.530 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.19 | 127 | 42948 | 19.359 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 11.37 | 225 | 46636 | 19.317 | ng/ul | 93 |
| 32) Caprolactam | 11.94 | 113 | 14520m | 19.495 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 12.29 | 107 | 49021 | 18.212 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.68 | 142 | 98131 | 18.646 | ng/ul | 99 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047684.D
Acq On : 9 Dec 2020 22:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 10 01:51:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02039

**Manual Integrations APPROVED**
mohammad
12/10/2020 8:38:02 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.90 | 142 | 114345 | 18.740 | ng/uL | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.05 | 216 | 75165 | 20.244 | ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 13.02 | 237 | 41164 | 15.878 | ng/ul | 94 |
| 39) 2,4,6-Trichlorophenol | 13.28 | 196 | 46814 | 19.310 | ng/ul | 97 |
| 40) 2,4,5-Trichlorophenol | 13.35 | 196 | 50126 | 19.989 | ng/ul# | 86 |
| 41) 1,1'-Biphenyl | 13.67 | 154 | 139406 | 19.822 | ng/ul | 93 |
| 42) 2-Chloronaphthalene | 13.72 | 162 | 109657 | 19.257 | ng/ul# | 92 |
| 43) 2-Nitroaniline | 13.91 | 65 | 37349 | 18.355 | ng/ul | 89 |
| 45) Dimethylphthalate | 14.27 | 163 | 153480 | 18.670 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.40 | 165 | 32910 | 18.714 | ng/ul | 98 |
| 48) Acenaphthylene | 14.56 | 152 | 161396 | 18.771 | ng/ul | 97 |
| 49) 3-Nitroaniline | 14.73 | 138 | 21868 | 18.225 | ng/ul# | 87 |
| 50) Acenaphthene | 14.90 | 153 | 112089 | 18.445 | ng/ul | 93 |
| 51) 2,4-Dinitrophenol | 14.94 | 184 | 16003 | 15.762 | ng/ul# | 80 |
| 53) 4-Nitrophenol | 15.03 | 109 | 39600 | 19.991 | ng/ul | 96 |
| 54) Dibenzofuran | 15.23 | 168 | 172811 | 19.490 | ng/ul | 90 |
| 55) 2,4-Dinitrotoluene | 15.18 | 165 | 48868 | 19.694 | ng/ul | 91 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.45 | 232 | 49373 | 21.047 | ng/ul# | 96 |
| 57) Diethylphthalate | 15.63 | 149 | 148552 | 18.514 | ng/ul | 97 |
| 59) Fluorene | 15.88 | 166 | 142740 | 18.828 | ng/ul | 94 |
| 60) 4-Chlorophenyl-phenylether | 15.87 | 204 | 89038 | 18.792 | ng/ul | 94 |
| 61) 4-Nitroaniline | 15.88 | 138 | 24217 | 18.091 | ng/ul | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 15.94 | 198 | 29972 | 17.198 | ng/ul# | 88 |
| 65) N-Nitrosodiphenylamine | 16.07 | 169 | 126296 | 17.943 | ng/ul | 94 |
| 66) 4-Bromophenyl-phenylether | 16.75 | 248 | 61244 | 18.598 | ng/ul | 93 |
| 67) Hexachlorobenzene | 16.88 | 284 | 67729 | 18.859 | ng/ul | 96 |
| 68) Atrazine | 17.01 | 200 | 59169 | 18.144 | ng/ul | 95 |
| 69) Pentachlorophenol | 17.22 | 266 | 34816 | 22.421 | ng/ul# | 89 |
| 70) Phenanthrene | 17.62 | 178 | 255722 | 18.477 | ng/ul | 98 |
| 72) Anthracene | 17.71 | 178 | 249646 | 18.096 | ng/ul | 95 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.65 | 216 | 75892 | 18.967 | ng/uL | 94 |
| 74) Pentachlorobenzene | 15.16 | 250 | 74362 | 18.643 | ng/uL | 96 |
| 75) Carbazole | 17.97 | 167 | 204101 | 18.552 | ng/ul | 96 |
| 76) Di-n-butylphthalate | 18.51 | 149 | 248222 | 17.662 | ng/ul | 99 |
| 77) Fluoranthene | 19.61 | 202 | 336649 | 19.117 | ng/ul# | 98 |
| 80) Pyrene | 19.97 | 202 | 327787 | 19.042 | ng/ul# | 97 |
| 81) Butylbenzylphthalate | 20.84 | 149 | 109623 | 19.140 | ng/ul | 90 |
| 82) 3,3'-Dichlorobenzidine | 21.74 | 252 | 100632 | 18.605 | ng/ul | 96 |
| 83) Benzo(a)anthracene | 21.83 | 228 | 314411 | 18.594 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.71 | 149 | 147578 | 18.360 | ng/ul | 100 |
| 85) Chrysene | 21.90 | 228 | 301652 | 18.902 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 22.97 | 149 | 250347 | 18.998 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 24.14 | 252 | 321089 | 18.395 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 24.21 | 252 | 320331 | 18.518 | ng/ul | 100 |
| 91) Benzo(a)pyrene | 25.06 | 252 | 287852 | 18.288 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 29.07 | 276 | 358831 | 18.694 | ng/ul# | 96 |
| 93) Dibenzo(a,h)anthracene | 29.14 | 278 | 301490 | 18.738 | ng/ul# | 97 |
| 94) Benzo(g,h,i)perylene | 30.28 | 276 | 295568m | 18.755 | ng/ul | |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047684.D
Acq On : 9 Dec 2020 22:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 10 01:51:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02039

**Manual Integrations APPROVED**
mohammad
12/10/2020 8:38:02 AM

| 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:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047684.D
Acq On : 9 Dec 2020 22:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 10 01:51:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02039

**Manual Integrations APPROVED**
mohammad
12/10/2020 8:38:02 AM