Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102620\
Data File : BG047074.D
Acq On : 26 Oct 2020 12:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02037

Quant Time: Oct 26 13:49:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 26 10:36:50 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 51710 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.87 | 136 | 202998 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.69 | 164 | 142596 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.43 | 188 | 339046 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.70 | 240 | 349236 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.94 | 264 | 362504 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.47 | 96 | 9561 | 7.46 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.21 | 99 | 83103 | 18.52 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.38 | 67 | 49927 | 19.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.59 | 132 | 64835 | 18.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.76 | 113 | 68157 | 19.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.23 | 128 | 32477 | 19.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.95 | 143 | 38296 | 19.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.49 | 165 | 74679 | 19.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.00 | 131 | 65640 | 19.85 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.09 | 166 | 219563 | 18.73 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.38 | 160 | 270336 | 19.49 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.87 | 143 | 34904 | 18.91 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.68 | 176 | 211109 | 19.39 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 43151 | 18.45 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.53 | 188 | 321335 | 19.55 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.82 | 212 | 390368 | 19.60 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.71 | 264 | 388890 | 19.51 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 10652 | 7.750 | ng/uL# | 84 |
| 4) Benzaldehyde | 7.20 | 77 | 51239 | 17.209 | ng/ul | 93 |
| 6) Phenol | 7.24 | 94 | 84479 | 19.289 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 7.47 | 93 | 67986 | 19.809 | ng/ul# | 93 |
| 10) 2-Chlorophenol | 7.62 | 128 | 67906 | 19.592 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.50 | 108 | 62547 | 18.621 | ng/ul | 92 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.59 | 45 | 96930 | 19.008 | ng/ul | 99 |
| 14) Acetophenone | 8.88 | 105 | 105402 | 19.269 | ng/ul | 91 |
| 15) N-Nitroso-di-n-propylamine | 8.86 | 70 | 55070 | 18.607 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.83 | 108 | 66546 | 18.863 | ng/ul | 90 |
| 17) Hexachloroethane | 9.15 | 117 | 30921 | 19.339 | ng/ul | 94 |
| 20) Nitrobenzene | 9.27 | 77 | 89292 | 19.435 | ng/ul | 96 |
| 21) Isophorone | 9.78 | 82 | 154760 | 18.704 | ng/ul | 97 |
| 23) 2-Nitrophenol | 9.98 | 139 | 39757 | 19.504 | ng/ul | 90 |
| 24) 2,4-Dimethylphenol | 10.03 | 107 | 81608 | 19.694 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 10.27 | 93 | 87328 | 18.703 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.51 | 162 | 70474 | 19.266 | ng/ul | 92 |
| 28) Naphthalene | 10.92 | 128 | 221295 | 19.405 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.02 | 127 | 62265 | 19.793 | ng/ul | 91 |
| 31) Hexachlorobutadiene | 11.21 | 225 | 64330 | 20.045 | ng/ul | 92 |
| 32) Caprolactam | 11.78 | 113 | 21292 | 17.086 | ng/ul | 91 |
| 33) 4-Chloro-3-methylphenol | 12.14 | 107 | 70474 | 18.739 | ng/ul# | 84 |
| 34) 2-Methylnaphthalene | 12.52 | 142 | 159801 | 19.640 | ng/ul | 100 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102620\
Data File : BG047074.D
Acq On : 26 Oct 2020 12:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02037

Quant Time: Oct 26 13:49:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 26 10:36:50 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.74 | 142 | 189319 | 19.857 ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 108987 | 19.623 ng/ul | 97 |
| 38) Hexachlorocyclopentadiene | 12.87 | 237 | 64064 | 18.396 ng/ul# | 95 |
| 39) 2,4,6-Trichlorophenol | 13.12 | 196 | 65583 | 19.365 ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 13.20 | 196 | 66304 | 19.105 ng/ul | 96 |
| 41) 1,1'-Biphenyl | 13.53 | 154 | 218382 | 19.411 ng/ul | 92 |
| 42) 2-Chloronaphthalene | 13.57 | 162 | 176831 | 19.488 ng/ul | 97 |
| 43) 2-Nitroaniline | 13.76 | 65 | 50625 | 18.555 ng/ul | 99 |
| 45) Dimethylphthalate | 14.14 | 163 | 218498 | 18.570 ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 14.26 | 165 | 46664 | 18.323 ng/ul | 97 |
| 48) Acenaphthylene | 14.41 | 152 | 250108 | 19.274 ng/ul | 99 |
| 49) 3-Nitroaniline | 14.58 | 138 | 30833 | 18.532 ng/ul | 89 |
| 50) Acenaphthene | 14.75 | 153 | 185110 | 19.716 ng/ul | 95 |
| 51) 2,4-Dinitrophenol | 14.80 | 184 | 24688 | 18.751 ng/ul | 94 |
| 53) 4-Nitrophenol | 14.89 | 109 | 35552 | 18.838 ng/ul | 92 |
| 54) Dibenzofuran | 15.09 | 168 | 271251 | 19.853 ng/ul | 93 |
| 55) 2,4-Dinitrotoluene | 15.05 | 165 | 68577 | 19.603 ng/ul# | 96 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 70695 | 19.401 ng/ul# | 88 |
| 57) Diethylphthalate | 15.50 | 149 | 225113 | 19.090 ng/ul | 97 |
| 59) Fluorene | 15.74 | 166 | 220638 | 19.674 ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.73 | 204 | 122775 | 19.080 ng/ul | 97 |
| 61) 4-Nitroaniline | 15.75 | 138 | 34151 | 17.716 ng/ul | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 15.81 | 198 | 45843 | 19.018 ng/ul# | 92 |
| 65) N-Nitrosodiphenylamine | 15.94 | 169 | 190101 | 19.400 ng/ul | 95 |
| 66) 4-Bromophenyl-phenylether | 16.62 | 248 | 88027 | 19.573 ng/ul | 96 |
| 67) Hexachlorobenzene | 16.74 | 284 | 93761 | 19.697 ng/ul | 95 |
| 68) Atrazine | 16.88 | 200 | 85556 | 20.231 ng/ul# | 96 |
| 69) Pentachlorophenol | 17.08 | 266 | 49891 | 18.379 ng/ul | 99 |
| 70) Phenanthrene | 17.48 | 178 | 374731 | 19.706 ng/ul | 99 |
| 72) Anthracene | 17.57 | 178 | 376066 | 19.679 ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.50 | 216 | 112228 | 19.705 ng/uL | 97 |
| 74) Pentachlorobenzene | 15.01 | 250 | 109061 | 19.972 ng/uL | 96 |
| 75) Carbazole | 17.83 | 167 | 298704 | 20.348 ng/ul | 97 |
| 76) Di-n-butylphthalate | 18.39 | 149 | 379299 | 19.368 ng/ul | 98 |
| 77) Fluoranthene | 19.48 | 202 | 476050 | 20.800 ng/ul | 98 |
| 80) Pyrene | 19.85 | 202 | 476813 | 19.951 ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.72 | 149 | 169030 | 19.255 ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.59 | 252 | 132162 | 20.681 ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.68 | 228 | 465609 | 19.680 ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 240216 | 19.726 ng/ul# | 99 |
| 85) Chrysene | 21.75 | 228 | 445736 | 19.582 ng/ul | 97 |
| 87) Di-n-octyl phthalate | 22.80 | 149 | 412790 | 20.342 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.91 | 252 | 478646 | 19.877 ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.98 | 252 | 464327 | 19.899 ng/ul | 99 |
| 91) Benzo(a)pyrene | 24.78 | 252 | 434244 | 20.026 ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 28.62 | 276 | 521412 | 19.349 ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 28.69 | 278 | 427269 | 19.547 ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 29.78 | 276 | 439876 | 19.530 ng/ul | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102620\
Data File : BG047074.D
Acq On : 26 Oct 2020 12:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02037

Quant Time: Oct 26 13:49:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 26 10:36:50 2020
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:\SVOASRV\HPCHEM1\BNA G\DATA\BG102620\
Data File : BG047074.D
Acq On : 26 Oct 2020 12:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02037

Quant Time: Oct 26 13:49:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 26 10:36:50 2020
Response via : Initial Calibration