Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG012921\
Data File : BG048073.D
Acq On : 29 Jan 2021 14:55
Operator : CG/JU
Sample : SSTD16005
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD160005

Quant Time: Jan 29 15:30:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 48804 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.93 | 136 | 193448 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.74 | 164 | 142164 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.49 | 188 | 350214 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.77 | 240 | 365012 | 20.00 | ng/ul | 0.01 |
| 88) Perylene-d12 | 25.05 | 264 | 381854 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.53 | 96 | 76169 | 57.04 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.94 | 84 | 597088 | 160.95 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.27 | 99 | 724191 | 177.03 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.44 | 67 | 411341 | 156.70 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 7.66 | 132 | 512575 | 164.05 | ng/ul | 0.01 |
| 15) 4-Methylphenol-d8 | 8.83 | 113 | 570618 | 175.72 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 9.29 | 128 | 262494 | 189.78 | ng/ul | 0.01 |
| 24) 2-Nitrophenol-d4 | 10.01 | 143 | 320642 | 234.83 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.55 | 165 | 608176 | 179.23 | ng/ul | 0.01 |
| 31) 4-Chloroaniline-d4 | 11.07 | 131 | 750911 | 161.43 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 14.15 | 166 | 1674081 | 145.18 | ng/ul | 0.02 |
| 49) Acenaphthylene-d8 | 14.44 | 160 | 1931422 | 141.47 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.95 | 143 | 338436 | 178.14 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 15.74 | 176 | 1520495 | 145.62 | ng/ul | 0.01 |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 417828 | 243.24 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.49 | 188 | 350214 | 20.97 | ng/ul | -0.09 |
| 81) Pyrene-d10 | 19.87 | 212 | 2608513 | 131.41 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 24.84 | 264 | 3040395 | 145.14 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.56 | 88 | 82538 | 56.872 | ng/uL# | 83 |
| 5) Pyridine | 3.96 | 79 | 593487 | 159.122 | ng/ul | 93 |
| 6) Benzaldehyde | 7.25 | 77 | 223151 | 116.218 | ng/ul | 95 |
| 8) Phenol | 7.30 | 94 | 714670 | 172.818 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.54 | 93 | 536853 | 165.105 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.69 | 128 | 507244 | 166.021 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.56 | 108 | 539461 | 169.213 | ng/ul | 92 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 669335 | 140.289 | ng/ul | 98 |
| 16) Acetophenone | 8.95 | 105 | 858453 | 172.871 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propylamine | 8.95 | 70 | 474252 | 161.437 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.90 | 108 | 564817 | 169.338 | ng/ul | 94 |
| 19) Hexachloroethane | 9.21 | 117 | 226951 | 164.467 | ng/ul | 96 |
| 22) Nitrobenzene | 9.34 | 77 | 735539 | 179.159 | ng/ul | 97 |
| 23) Isophorone | 9.87 | 82 | 1315574 | 158.816 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.05 | 139 | 315819 | 202.106 | ng/ul | 92 |
| 26) 2,4-Dimethylphenol | 10.10 | 107 | 645900 | 164.495 | ng/ul | 94 |
| 27) Bis(2-Chloroethoxy)methane | 10.34 | 93 | 737554 | 162.733 | ng/ul# | 98 |
| 29) 2,4-Dichlorophenol | 10.58 | 162 | 565796 | 178.940 | ng/ul | 98 |
| 30) Naphthalene | 10.99 | 128 | 1590749 | 151.617 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.09 | 127 | 705030 | 163.337 | ng/ul | 96 |
| 33) Hexachlorobutadiene | 11.27 | 225 | 469131 | 166.511 | ng/ul | 95 |
| 34) Caprolactam | 11.90 | 113 | 118836 | 103.371 | ng/ul | 96 |

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG012921\
Data File : BG048073.D
Acq On : 29 Jan 2021 14:55
Operator : CG/JU
Sample : SSTD16005
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD160005

Quant Time: Jan 29 15:30:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 12.21 | 107 | 622056 | 174.469 | ng/ul | 95 |
| 36) 2-Methylnaphthalene | 12.59 | 142 | 1183102 | 151.921 | ng/ul | 96 |
| 37) 1-Methylnaphthalene | 12.80 | 142 | 1125467 | 150.182 | ng/ul# | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 837168 | 158.434 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.93 | 237 | 592203 | 194.558 | ng/ul | 91 |
| 41) 2,4,6-Trichlorophenol | 13.18 | 196 | 573358 | 188.935 | ng/ul | 94 |
| 42) 2,4,5-Trichlorophenol | 13.26 | 196 | 604923 | 182.966 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.58 | 154 | 1515109 | 138.540 | ng/ul | 92 |
| 44) 2-Chloronaphthalene | 13.63 | 162 | 1304678 | 153.326 | ng/ul | 92 |
| 45) 2-Nitroaniline | 13.83 | 65 | 490761 | 208.235 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.20 | 163 | 1674975 | 141.714 | ng/ul# | 95 |
| 48) 2,6-Dinitrotoluene | 14.32 | 165 | 409014 | 197.180 | ng/ul | 99 |
| 50) Acenaphthylene | 14.47 | 152 | 1812096 | 137.298 | ng/ul | 94 |
| 51) 3-Nitroaniline | 14.65 | 138 | 299938 | 168.798 | ng/ul# | 97 |
| 52) Acenaphthene | 14.81 | 153 | 1392684 | 144.598 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.85 | 184 | 308868 | 264.680 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.97 | 109 | 354589 | 181.667 | ng/ul | 98 |
| 56) Dibenzofuran | 15.15 | 168 | 1879028 | 143.711 | ng/ul | 90 |
| 57) 2,4-Dinitrotoluene | 15.11 | 165 | 574458 | 194.478 | ng/ul# | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.37 | 232 | 604083 | 195.988 | ng/ul | 98 |
| 59) Diethylphthalate | 15.56 | 149 | 1744031 | 148.724 | ng/ul# | 94 |
| 61) Fluorene | 15.80 | 166 | 1584422 | 142.330 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenylether | 15.78 | 204 | 1000624 | 158.116 | ng/ul | 93 |
| 63) 4-Nitroaniline | 15.83 | 138 | 291715 | 167.260 | ng/ul# | 82 |
| 66) 4,6-Dinitro-2-methylphenol | 15.88 | 198 | 434376 | 232.189 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.99 | 169 | 1442887 | 144.085 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.68 | 248 | 711679 | 168.443 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.80 | 284 | 754413 | 173.116 | ng/ul | 96 |
| 70) Atrazine | 16.95 | 200 | 673943 | 161.659 | ng/ul | 96 |
| 71) Pentachlorophenol | 17.13 | 266 | 519709 | 195.319 | ng/ul | 96 |
| 72) Phenanthrene | 17.54 | 178 | 2600438 | 136.096 | ng/ul# | 90 |
| 74) Anthracene | 17.63 | 178 | 2544960 | 133.100 | ng/ul# | 88 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.55 | 216 | 863945 | 159.231 | ng/uL | 98 |
| 76) Pentachlorobenzene | 15.07 | 250 | 876713 | 168.009 | ng/uL | 94 |
| 77) Carbazole | 17.89 | 167 | 2285679 | 145.997 | ng/ul# | 92 |
| 78) Di-n-butylphthalate | 18.44 | 149 | 2609141 | 130.224 | ng/ul# | 91 |
| 80) Fluoranthene | 19.54 | 202 | 3121943 | 123.748 | ng/ul# | 91 |
| 82) Pyrene | 19.90 | 202 | 2976559 | 119.766 | ng/ul# | 89 |
| 83) Butylbenzylphthalate | 20.77 | 149 | 1318028 | 151.285 | ng/ul# | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.66 | 252 | 1136025 | 139.513 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.75 | 228 | 3283716 | 128.085 | ng/ul# | 83 |
| 86) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 1828722 | 145.126 | ng/ul# | 88 |
| 87) Chrysene | 21.82 | 228 | 3134308 | 128.428 | ng/ul# | 82 |
| 89) Di-n-octyl phthalate | 22.89 | 149 | 2951503 | 140.020 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.02 | 252 | 3580288 | 135.172 | ng/ul | 94 |
| 91) Benzo(k)fluoranthene | 24.10 | 252 | 3407150 | 134.614 | ng/ul# | 90 |
| 93) Benzo(a)pyrene | 24.92 | 252 | 3267889 | 138.371 | ng/ul | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 28.84 | 276 | 4405734 | 150.897 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.92 | 278 | 3566379 | 148.056 | ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 30.03 | 276 | 3635514 | 150.441 | ng/ul | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG012921\
Data File : BG048073.D
Acq On : 29 Jan 2021 14:55
Operator : CG/JU
Sample : SSTD16005
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD160005

Quant Time: Jan 29 15:30:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
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 (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG012921\
Data File : BG048073.D
Acq On : 29 Jan 2021 14:55
Operator : CG/JU
Sample : SSTD16005
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD160005

Quant Time: Jan 29 15:30:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
Response via : Initial Calibration