Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048304.D
Acq On : 23 Feb 2021 21:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02049

**Manual Integrations APPROVED**
mohammad
2/24/2021 10:19:09 AM

Quant Time: Feb 24 01:41:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 15:02:00 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 39254 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.93 | 136 | 153006 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.74 | 164 | 109086 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.49 | 188 | 260256 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.78 | 240 | 270504 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.07 | 264 | 260396 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.52 | 96 | 7773 | 8.25 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.33 | 99 | 68289 | 20.65 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.44 | 67 | 42835 | 21.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.66 | 132 | 49256 | 21.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.87 | 113 | 54464 | 20.99 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.29 | 128 | 23396 | 20.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.01 | 143 | 29472 | 21.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.58 | 165 | 57266 | 21.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.08 | 131 | 65200 | 24.37 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.15 | 166 | 161577 | 20.00 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.44 | 160 | 207626 | 21.02 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.03 | 143 | 30750m | 22.40 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.74 | 176 | 149486 | 20.74 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 29298 | 18.36 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.59 | 188 | 238337 | 21.36 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.87 | 212 | 276867 | 20.50 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.84 | 264 | 282469 | 21.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 8127 | 7.516 | ng/uL# | 87 |
| 4) Benzaldehyde | 7.26 | 77 | 48803 | 25.099 | ng/ul | 89 |
| 6) Phenol | 7.36 | 94 | 72777 | 21.313 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.53 | 93 | 54833 | 21.262 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.70 | 128 | 49550 | 20.175 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.60 | 108 | 51464 | 20.831 | ng/ul | 92 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.64 | 45 | 74923 | 22.228 | ng/ul | 99 |
| 14) Acetophenone | 8.94 | 105 | 90321 | 21.376 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.92 | 70 | 50621 | 21.574 | ng/ul | 90 |
| 16) 4-Methylphenol | 8.93 | 108 | 53570 | 20.094 | ng/ul | 97 |
| 17) Hexachloroethane | 9.19 | 117 | 22603 | 20.603 | ng/ul | 94 |
| 20) Nitrobenzene | 9.34 | 77 | 76849 | 22.076 | ng/ul | 98 |
| 21) Isophorone | 9.85 | 82 | 124125 | 20.182 | ng/ul | 98 |
| 23) 2-Nitrophenol | 10.04 | 139 | 30731 | 21.800 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 10.12 | 107 | 67785 | 21.728 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 10.33 | 93 | 74376 | 21.452 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.61 | 162 | 54267 | 20.951 | ng/ul | 94 |
| 28) Naphthalene | 10.98 | 128 | 163697 | 21.211 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.11 | 127 | 64153 | 23.375 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 11.25 | 225 | 46761 | 20.700 | ng/ul | 95 |
| 32) Caprolactam | 11.87 | 113 | 16422 | 18.169 | ng/ul | 90 |
| 33) 4-Chloro-3-methylphenol | 12.26 | 107 | 58253 | 20.314 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 12.57 | 142 | 121489 | 20.710 | ng/ul | 88 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048304.D
Acq On : 23 Feb 2021 21:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
2/24/2021 10:19:09 AM

Quant Time: Feb 24 01:41:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 15:02:00 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.80 | 142 | 117758 | 20.753 | ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 86941 | 22.155 | ng/ul | 95 |
| 38) Hexachlorocyclopentadiene | 12.91 | 237 | 54748 | 21.640 | ng/ul# | 73 |
| 39) 2,4,6-Trichlorophenol | 13.20 | 196 | 52623 | 21.778 | ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 13.29 | 196 | 54503 | 22.195 | ng/ul | 95 |
| 41) 1,1'-Biphenyl | 13.57 | 154 | 160340 | 21.427 | ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.63 | 162 | 135442 | 21.967 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.85 | 65 | 49866 | 23.386 | ng/ul | 94 |
| 45) Dimethylphthalate | 14.19 | 163 | 171178 | 20.493 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.33 | 165 | 36628 | 20.850 | ng/ul | 92 |
| 48) Acenaphthylene | 14.47 | 152 | 187462 | 21.220 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.67 | 138 | 34380 | 23.219 | ng/ul | 96 |
| 50) Acenaphthene | 14.81 | 153 | 139157 | 20.989 | ng/ul | 96 |
| 51) 2,4-Dinitrophenol | 14.89 | 184 | 15290 | 13.937 | ng/ul# | 89 |
| 53) 4-Nitrophenol | 15.04 | 109 | 31021 | 20.013 | ng/ul | 98 |
| 54) Dibenzofuran | 15.14 | 168 | 201500 | 20.824 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 15.12 | 165 | 51281 | 20.323 | ng/ul# | 90 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.39 | 232 | 49760 | 19.821 | ng/ul# | 95 |
| 57) Diethylphthalate | 15.55 | 149 | 170187 | 19.738 | ng/ul | 98 |
| 59) Fluorene | 15.79 | 166 | 161187 | 20.605 | ng/ul | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.78 | 204 | 98453 | 20.979 | ng/ul | 96 |
| 61) 4-Nitroaniline | 15.84 | 138 | 32777 | 19.664 | ng/ul | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.89 | 198 | 30371 | 19.101 | ng/ul# | 91 |
| 65) N-Nitrosodiphenylamine | 16.00 | 169 | 144686 | 21.661 | ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.67 | 248 | 64927 | 21.106 | ng/ul | 94 |
| 67) Hexachlorobenzene | 16.79 | 284 | 66242 | 20.315 | ng/ul | 97 |
| 68) Atrazine | 16.95 | 200 | 61681 | 20.650 | ng/ul# | 92 |
| 69) Pentachlorophenol | 17.16 | 266 | 27202 | 14.940 | ng/ul | 94 |
| 70) Phenanthrene | 17.53 | 178 | 277077 | 21.190 | ng/ul | 97 |
| 72) Anthracene | 17.63 | 178 | 284655 | 21.581 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.55 | 216 | 87742 | 22.564 | ng/uL | 100 |
| 74) Pentachlorobenzene | 15.06 | 250 | 84185 | 22.079 | ng/uL | 98 |
| 75) Carbazole | 17.91 | 167 | 244825 | 22.194 | ng/ul | 98 |
| 76) Di-n-butylphthalate | 18.43 | 149 | 288686 | 21.455 | ng/ul | 98 |
| 77) Fluoranthene | 19.54 | 202 | 352967 | 22.139 | ng/ul | 99 |
| 80) Pyrene | 19.90 | 202 | 356667 | 21.222 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.76 | 149 | 125990 | 21.424 | ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.67 | 252 | 124097 | 22.422 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.75 | 228 | 359602 | 21.278 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 171704 | 20.108 | ng/ul | 100 |
| 85) Chrysene | 21.82 | 228 | 347927 | 21.542 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.86 | 149 | 295690 | 22.114 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 24.01 | 252 | 343880 | 21.030 | ng/ul | 97 |
| 89) Benzo(k)fluoranthene | 24.08 | 252 | 354332 | 22.126 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 24.92 | 252 | 307300 | 21.359 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 28.84 | 276 | 376826 | 20.473 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 28.90 | 278 | 304210 | 19.765 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 30.02 | 276 | 292173 | 19.089 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048304.D
Acq On : 23 Feb 2021 21:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Feb 24 01:41:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 15:02:00 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02049

**Manual Integrations APPROVED**
mohammad
2/24/2021 10:19:09 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\BG022221\
Data File : BG048304.D
Acq On : 23 Feb 2021 21:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Feb 24 01:41:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 15:02:00 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD02049

**Manual Integrations APPROVED**
mohammad
2/24/2021 10:19:09 AM