Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000719.D
Acq On : 14 Oct 2019 19:18
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD02081

**Manual Integrations APPROVED**
mohammad
10/16/2019 8:12:04 AM

Quant Time: Oct 15 03:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 17:20:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 208835 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 8.03 | 136 | 797929 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 9.80 | 164 | 444170 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 11.30 | 188 | 825568 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 13.97 | 240 | 701897 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 15.45 | 264 | 789645 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.36 | 96 | 37623 | 7.47 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.39 | 99 | 321434 | 19.95 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.43 | 67 | 160462 | 19.92 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.52 | 132 | 272438 | 20.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 7.13 | 113 | 256705 | 20.86 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 7.31 | 128 | 125400 | 20.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 7.63 | 143 | 134811 | 20.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 7.89 | 165 | 253168 | 20.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 8.09 | 131 | 313526 | 22.81 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 9.49 | 166 | 630780 | 20.29 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 9.65 | 160 | 784166 | 20.50 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 9.92 | 143 | 83055 | 17.34 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 10.32 | 176 | 535911 | 20.14 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.40 | 200 | 69964 | 17.80 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 11.36 | 188 | 771944 | 20.19 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 12.74 | 212 | 793811 | 20.00 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 15.36 | 264 | 786565 | 20.18 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.42 | 88 | 38518 | 7.489 | ng/uL | 99 |
| 4) Benzaldehyde | 6.30 | 77 | 209809 | 20.663 | ng/ul | 95 |
| 6) Phenol | 6.40 | 94 | 336616 | 20.728 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 6.48 | 93 | 259878 | 20.424 | ng/ul | 98 |
| 10) 2-Chlorophenol | 6.54 | 128 | 282181 | 19.958 | ng/ul | 97 |
| 11) 2-Methylphenol | 7.01 | 108 | 256706 | 20.359 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.03 | 45 | 234584 | 20.303 | ng/ul | 97 |
| 14) Acetophenone | 7.16 | 105 | 382037 | 20.974 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 7.16 | 70 | 159377 | 19.471 | ng/ul | 98 |
| 16) 4-Methylphenol | 7.16 | 108 | 264354 | 21.445 | ng/ul | 100 |
| 17) Hexachloroethane | 7.26 | 117 | 111447 | 20.299 | ng/ul | 98 |
| 20) Nitrobenzene | 7.33 | 77 | 259239 | 20.108 | ng/ul | 96 |
| 21) Isophorone | 7.57 | 82 | 494100 | 19.820 | ng/ul | 98 |
| 23) 2-Nitrophenol | 7.65 | 139 | 145413 | 20.608 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 7.69 | 107 | 278642 | 20.039 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 7.78 | 93 | 327330 | 19.898 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 7.90 | 162 | 247219 | 20.324 | ng/ul | 99 |
| 28) Naphthalene | 8.06 | 128 | 817623 | 20.329 | ng/ul | 100 |
| 30) 4-Chloroaniline | 8.10 | 127 | 322889 | 23.435 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 8.18 | 225 | 159695 | 20.584 | ng/ul | 98 |
| 32) Caprolactam | 8.44 | 113 | 76452m | 19.570 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 8.59 | 107 | 243544 | 20.221 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 8.75 | 142 | 561763 | 20.111 | ng/ul | 100 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000719.D
Acq On : 14 Oct 2019 19:18
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 03:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 17:20:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD02081

**Manual Integrations APPROVED**
mohammad
10/16/2019 8:12:04 AM

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 8.85 | 142 | 537757 | 20.061 ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 8.92 | 216 | 287649 | 20.575 ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 8.91 | 237 | 88329 | 21.417 ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 9.03 | 196 | 172810 | 20.609 ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 9.08 | 196 | 180923 | 19.880 ng/ul | 97 |
| 41) 1,1'-Biphenyl | 9.22 | 154 | 684231 | 20.186 ng/ul | 99 |
| 42) 2-Chloronaphthalene | 9.24 | 162 | 535427 | 20.261 ng/ul | 99 |
| 43) 2-Nitroaniline | 9.33 | 65 | 122766 | 20.570 ng/ul | 96 |
| 45) Dimethylphthalate | 9.52 | 163 | 625420 | 20.187 ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 9.58 | 165 | 129939 | 21.144 ng/ul | 97 |
| 48) Acenaphthylene | 9.66 | 152 | 800564 | 20.285 ng/ul | 100 |
| 49) 3-Nitroaniline | 9.75 | 138 | 140556 | 21.868 ng/ul | 100 |
| 50) Acenaphthene | 9.83 | 153 | 548322 | 20.071 ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 9.86 | 184 | 48157 | 21.282 ng/ul# | 92 |
| 53) 4-Nitrophenol | 9.92 | 109 | 56698 | 17.337 ng/ul | 95 |
| 54) Dibenzofuran | 10.00 | 168 | 770493 | 20.264 ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 9.99 | 165 | 180491 | 21.262 ng/ul | 97 |
| 56) 2,3,4,6-Tetrachlorophenol | 10.13 | 232 | 130039 | 19.700 ng/ul# | 88 |
| 57) Diethylphthalate | 10.22 | 149 | 604961 | 20.219 ng/ul | 98 |
| 59) Fluorene | 10.35 | 166 | 589488 | 19.951 ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.35 | 204 | 305267 | 20.167 ng/ul | 99 |
| 61) 4-Nitroaniline | 10.36 | 138 | 148837 | 20.335 ng/ul | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198 | 76181 | 18.474 ng/ul | 93 |
| 65) N-Nitrosodiphenylamine | 10.46 | 169 | 526449 | 19.992 ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 10.84 | 248 | 192776 | 20.175 ng/ul | 99 |
| 67) Hexachlorobenzene | 10.91 | 284 | 204446 | 20.201 ng/ul | 98 |
| 68) Atrazine | 11.00 | 200 | 183963 | 20.584 ng/ul | 97 |
| 69) Pentachlorophenol | 11.11 | 266 | 84985 | 21.334 ng/ul | 99 |
| 70) Phenanthrene | 11.32 | 178 | 901817 | 20.043 ng/ul | 100 |
| 72) Anthracene | 11.37 | 178 | 917022 | 20.084 ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 9.20 | 216 | 273067 | 20.051 ng/uL | 99 |
| 74) Pentachlorobenzene | 9.97 | 250 | 256840 | 20.112 ng/uL | 100 |
| 75) Carbazole | 11.53 | 167 | 836692 | 21.478 ng/ul | 100 |
| 76) Di-n-butylphthalate | 11.87 | 149 | 980363 | 20.970 ng/ul | 99 |
| 77) Fluoranthene | 12.53 | 202 | 1005596 | 21.813 ng/ul | 97 |
| 80) Pyrene | 12.76 | 202 | 1010205 | 20.285 ng/ul | 95 |
| 81) Butylbenzylphthalate | 13.39 | 149 | 434191 | 21.335 ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 13.93 | 252 | 371429 | 20.831 ng/ul | 99 |
| 83) Benzo(a)anthracene | 13.96 | 228 | 946758 | 20.097 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 585017 | 21.626 ng/ul# | 98 |
| 85) Chrysene | 14.00 | 228 | 886729 | 20.251 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 14.58 | 149 | 1039412 | 22.959 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 988573 | 20.983 ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 15.05 | 252 | 888633 | 19.806 ng/ul | 99 |
| 91) Benzo(a)pyrene | 15.39 | 252 | 904566 | 20.278 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 16.93 | 276 | 1033813 | 20.219 ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 16.94 | 278 | 856680 | 20.439 ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 17.37 | 276 | 868071 | 20.390 ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000719.D
Acq On : 14 Oct 2019 19:18
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 03:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 17:20:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD02081

**Manual Integrations APPROVED**
mohammad
10/16/2019 8:12:04 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 P\DATA\BP101519\
Data File : BP000719.D
Acq On : 14 Oct 2019 19:18
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 03:46:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 17:20:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD02081

**Manual Integrations APPROVED**
mohammad
10/16/2019 8:12:04 AM