Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024957.D
Acq On : 19 Feb 2020 23:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02025

**Manual Integrations APPROVED**
mohammad
2/20/2020 3:12:58 PM

Quant Time: Feb 19 23:38:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 321529 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.13 | 136 | 1188048 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.03 | 164 | 746201 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.79 | 188 | 1585761 | 20.00 | ng/ul | -0.01 |
| 78) Chrysene-d12 | 21.00 | 240 | 1650196 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.10 | 264 | 1714725 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.03 | 96 | 68274 | 10.21 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.59 | 99 | 487121 | 22.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.74 | 67 | 294749 | 24.43 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 6.93 | 132 | 417321 | 21.81 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.10 | 113 | 383792 | 21.29 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.52 | 128 | 193227 | 22.49 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.23 | 143 | 221049 | 21.78 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 9.77 | 165 | 425530 | 20.78 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.28 | 131 | 422150 | 22.04 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.46 | 166 | 1141813 | 20.27 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8 | 13.72 | 160 | 1413676 | 21.49 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.26 | 143 | 175245 | 19.15 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.04 | 176 | 1020227 | 20.46 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 180296 | 17.44 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.89 | 188 | 1532110 | 21.16 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.19 | 212 | 1693711 | 20.52 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12 | 22.97 | 264 | 1844878 | 21.42 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.06 | 88 | 69103 | 9.803 | ng/uL# | 93 |
| 4) Benzaldehyde | 6.55 | 77 | 212712 | 15.142 | ng/ul | 97 |
| 6) Phenol | 6.61 | 94 | 502571 | 22.354 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 6.83 | 93 | 420439 | 23.159 | ng/ul | 98 |
| 10) 2-Chlorophenol | 6.96 | 128 | 418781 | 21.465 | ng/ul | 96 |
| 11) 2-Methylphenol | 7.83 | 108 | 368655 | 21.125 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.93 | 45 | 209870 | 14.700 | ng/ul# | 71 |
| 14) Acetophenone | 8.20 | 105 | 597200 | 21.027 | ng/ul# | 96 |
| 15) N-Nitroso-di-n-propylamine | 8.19 | 70 | 290053 | 21.607 | ng/ul# | 82 |
| 16) 4-Methylphenol | 8.16 | 108 | 394131 | 20.918 | ng/ul | 99 |
| 17) Hexachloroethane | 8.44 | 117 | 193357 | 21.979 | ng/ul | 89 |
| 20) Nitrobenzene | 8.56 | 77 | 488190 | 23.934 | ng/ul | 94 |
| 21) Isophorone | 9.09 | 82 | 852133 | 23.037 | ng/ul | 94 |
| 23) 2-Nitrophenol | 9.27 | 139 | 231787 | 21.215 | ng/ul | 95 |
| 24) 2,4-Dimethylphenol | 9.35 | 107 | 431991 | 21.164 | ng/ul | 95 |
| 25) Bis(2-Chloroethoxy)methane | 9.57 | 93 | 531671 | 22.915 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 9.80 | 162 | 409620 | 20.255 | ng/ul | 98 |
| 28) Naphthalene | 10.19 | 128 | 1300381 | 21.422 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.30 | 127 | 413772 | 21.642 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.49 | 225 | 326475 | 19.434 | ng/ul | 100 |
| 32) Caprolactam | 11.07 | 113 | 108316m | 20.432 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.45 | 107 | 383029 | 20.412 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 11.81 | 142 | 894690 | 20.009 | ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024957.D
Acq On : 19 Feb 2020 23:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
mohammad
2/20/2020 3:12:58 PM

Quant Time: Feb 19 23:38:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.03 | 142 | 905875 | 20.314 ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 557430 | 21.124 ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.18 | 237 | 338472 | 18.190 ng/ul# | 95 |
| 39) 2,4,6-Trichlorophenol | 12.44 | 196 | 335138 | 20.634 ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 12.52 | 196 | 354016 | 20.853 ng/ul | 99 |
| 41) 1,1'-Biphenyl | 12.86 | 154 | 1176227 | 21.352 ng/ul# | 98 |
| 42) 2-Chloronaphthalene | 12.89 | 162 | 963985 | 21.433 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.10 | 65 | 225224 | 23.748 ng/ul | 97 |
| 45) Dimethylphthalate | 13.50 | 163 | 1162142 | 19.778 ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.62 | 165 | 245985 | 20.703 ng/ul | 94 |
| 48) Acenaphthylene | 13.74 | 152 | 1446799 | 21.234 ng/ul | 98 |
| 49) 3-Nitroaniline | 13.94 | 138 | 174632 | 19.512 ng/ul | 86 |
| 50) Acenaphthene | 14.10 | 153 | 965992 | 20.993 ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.16 | 184 | 166632 | 23.020 ng/ul | 96 |
| 53) 4-Nitrophenol | 14.27 | 109 | 134207 | 17.954 ng/ul# | 84 |
| 54) Dibenzofuran | 14.44 | 168 | 1397902 | 20.380 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.42 | 165 | 337225 | 19.886 ng/ul | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.67 | 232 | 317055 | 19.113 ng/ul | 99 |
| 57) Diethylphthalate | 14.89 | 149 | 1104737 | 19.001 ng/ul | 98 |
| 59) Fluorene | 15.09 | 166 | 1128636 | 19.965 ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.10 | 204 | 623853 | 19.167 ng/ul | 99 |
| 61) 4-Nitroaniline | 15.12 | 138 | 177134 | 15.982 ng/ul | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198 | 195488 | 17.669 ng/ul | 97 |
| 65) N-Nitrosodiphenylamine | 15.32 | 169 | 948299 | 21.408 ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 15.99 | 248 | 399442 | 20.103 ng/ul | 100 |
| 67) Hexachlorobenzene | 16.10 | 284 | 478767 | 20.388 ng/ul | 98 |
| 68) Atrazine | 16.29 | 200 | 359420 | 18.885 ng/ul | 99 |
| 69) Pentachlorophenol | 16.45 | 266 | 259462 | 18.465 ng/ul | 99 |
| 70) Phenanthrene | 16.83 | 178 | 1776256 | 20.543 ng/ul | 99 |
| 72) Anthracene | 16.92 | 178 | 1810595 | 20.648 ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.82 | 216 | 553668 | 21.263 ng/uL | 99 |
| 74) Pentachlorobenzene | 14.36 | 250 | 549997 | 19.903 ng/uL | 99 |
| 75) Carbazole | 17.20 | 167 | 1466072 | 20.069 ng/ul | 99 |
| 76) Di-n-butylphthalate | 17.79 | 149 | 1827936 | 19.666 ng/ul | 100 |
| 77) Fluoranthene | 18.86 | 202 | 2112325 | 19.901 ng/ul# | 95 |
| 80) Pyrene | 19.22 | 202 | 2178914 | 19.948 ng/ul# | 94 |
| 81) Butylbenzylphthalate | 20.17 | 149 | 783981 | 19.188 ng/ul | 96 |
| 82) 3,3'-Dichlorobenzidine | 20.93 | 252 | 595143 | 15.429 ng/ul | 98 |
| 83) Benzo(a)anthracene | 20.99 | 228 | 2146461 | 19.310 ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 1160829 | 17.949 ng/ul | 98 |
| 85) Chrysene | 21.04 | 228 | 2082143 | 19.026 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 21.81 | 149 | 1927464 | 18.810 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.49 | 252 | 2216480 | 20.328 ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.53 | 252 | 2237318 | 21.318 ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.01 | 252 | 2034609 | 20.813 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.14 | 276 | 2555985 | 21.002 ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.15 | 278 | 2166657 | 20.895 ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 25.76 | 276 | 2127395 | 21.018 ng/ul | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024957.D
Acq On : 19 Feb 2020 23:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 19 23:38:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02025

**Manual Integrations APPROVED**
mohammad
2/20/2020 3:12:58 PM

| 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 M\DATA\BM021920\
Data File : BM024957.D
Acq On : 19 Feb 2020 23:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 19 23:38:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02025

**Manual Integrations APPROVED**
mohammad
2/20/2020 3:12:58 PM