Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009191.D
Acq On : 27 Dec 2019 02:15
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02063

**Manual Integrations APPROVED**
mohammad
12/27/2019 3:20:46 PM

Quant Time: Dec 27 04:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.52 | 152 | 285658 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.28 | 136 | 1282337 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.16 | 164 | 822474 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.90 | 188 | 1749041 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.11 | 240 | 1362140 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.24 | 264 | 1230137 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 50851 | 8.13 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.72 | 99 | 586650 | 21.61 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.87 | 67 | 370428 | 21.29 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.06 | 132 | 445940 | 22.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.23 | 113 | 467248 | 21.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.66 | 128 | 227441 | 23.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.37 | 143 | 256228 | 23.77 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.91 | 165 | 473588 | 23.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.42 | 131 | 621983 | 25.36 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.57 | 166 | 1343965 | 21.76 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.84 | 160 | 1644884 | 22.71 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.37 | 143 | 266454 | 21.69 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.15 | 176 | 1184071 | 22.01 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.29 | 200 | 171539 | 15.72 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.00 | 188 | 1855277 | 22.80 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.30 | 212 | 1959769 | 27.58 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.11 | 264 | 1451901 | 23.42 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 49207 | 7.253 | ng/uL | 93 |
| 4) Benzaldehyde | 6.68 | 77 | 277331 | 16.289 | ng/ul | 99 |
| 6) Phenol | 6.74 | 94 | 565968 | 20.151 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 6.96 | 93 | 430367 | 19.929 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.10 | 128 | 426041 | 21.474 | ng/ul | 97 |
| 11) 2-Methylphenol | 7.97 | 108 | 424876 | 20.134 | ng/ul | 95 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.06 | 45 | 889459 | 19.423 | ng/ul | 97 |
| 14) Acetophenone | 8.33 | 105 | 684811 | 20.385 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.33 | 70 | 367482 | 19.730 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.29 | 108 | 466003 | 20.094 | ng/ul | 90 |
| 17) Hexachloroethane | 8.58 | 117 | 177775 | 21.188 | ng/ul | 95 |
| 20) Nitrobenzene | 8.70 | 77 | 539653 | 20.572 | ng/ul | 97 |
| 21) Isophorone | 9.23 | 82 | 1007020 | 19.943 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.40 | 139 | 256314 | 22.211 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.48 | 107 | 515200 | 20.816 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.71 | 93 | 608386 | 19.693 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 9.93 | 162 | 430209 | 21.522 | ng/ul | 96 |
| 28) Naphthalene | 10.33 | 128 | 1424627 | 20.816 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.45 | 127 | 598751 | 24.310 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.62 | 225 | 263830 | 20.973 | ng/ul | 97 |
| 32) Caprolactam | 11.22 | 113 | 143858m | 18.375 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.58 | 107 | 507725 | 20.575 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 11.95 | 142 | 1044202 | 21.164 | ng/ul | 92 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009191.D
Acq On : 27 Dec 2019 02:15
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD02063

**Manual Integrations APPROVED**
mohammad
12/27/2019 3:20:46 PM

Quant Time: Dec 27 04:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.33 | 216 | 531407 | 22.899 | ng/ul | 97 |
| 37) Hexachlorocyclopentadiene | 12.31 | 237 | 195546 | 13.713 | ng/ul | 93 |
| 38) 2,4,6-Trichlorophenol | 12.57 | 196 | 347787 | 22.411 | ng/ul | 95 |
| 39) 2,4,5-Trichlorophenol | 12.65 | 196 | 378556 | 22.814 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 12.98 | 154 | 1341426 | 22.015 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.02 | 162 | 1032907 | 21.718 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.23 | 65 | 382654 | 21.745 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.62 | 163 | 1254656 | 19.860 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.74 | 165 | 264459 | 20.818 | ng/ul | 94 |
| 47) Acenaphthylene | 13.87 | 152 | 1615627 | 20.783 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.06 | 138 | 285781 | 22.978 | ng/ul | 94 |
| 49) Acenaphthene | 14.22 | 153 | 1084868 | 20.800 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.28 | 184 | 99488 | 12.538 | ng/ul | 100 |
| 52) 4-Nitrophenol | 14.39 | 109 | 196349 | 20.038 | ng/ul | 96 |
| 53) Dibenzofuran | 14.56 | 168 | 1553456 | 21.215 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.53 | 165 | 380591 | 20.480 | ng/ul | 95 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.79 | 232 | 314885 | 20.817 | ng/ul | 95 |
| 56) Diethylphthalate | 15.00 | 149 | 1263076 | 18.510 | ng/ul | 99 |
| 58) Fluorene | 15.21 | 166 | 1262292 | 20.629 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.21 | 204 | 613445 | 20.003 | ng/ul | 98 |
| 60) 4-Nitroaniline | 15.23 | 138 | 321588 | 21.763 | ng/ul | 98 |
| 63) 4,6-Dinitro-2-methylphenol | 15.30 | 198 | 164173 | 14.277 | ng/ul | 96 |
| 64) N-Nitrosodiphenylamine | 15.43 | 169 | 1107878 | 22.015 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.10 | 248 | 382354 | 21.693 | ng/ul | 98 |
| 66) Hexachlorobenzene | 16.22 | 284 | 414843 | 21.120 | ng/ul | 96 |
| 67) Atrazine | 16.39 | 200 | 390692 | 20.395 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.56 | 266 | 262564 | 21.340 | ng/ul | 91 |
| 69) Phenanthrene | 16.95 | 178 | 2012669 | 20.871 | ng/ul | 99 |
| 71) Anthracene | 17.04 | 178 | 2062176 | 20.785 | ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 12.94 | 216 | 528073 | 23.087 | ng/uL | 96 |
| 73) Pentachlorobenzene | 14.48 | 250 | 495618 | 21.922 | ng/uL | 97 |
| 74) Carbazole | 17.31 | 167 | 1865897 | 21.763 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 17.89 | 149 | 2278948 | 20.192 | ng/ul | 100 |
| 76) Fluoranthene | 18.97 | 202 | 2341641 | 21.024 | ng/ul | 99 |
| 79) Pyrene | 19.33 | 202 | 2352671 | 24.903 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.26 | 149 | 1080888 | 26.014 | ng/ul | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.03 | 252 | 503082 | 16.046 | ng/ul | 92 |
| 82) Benzo(a)anthracene | 21.09 | 228 | 1984939 | 21.566 | ng/ul | 94 |
| 83) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 1526837 | 23.974 | ng/ul | 97 |
| 84) Chrysene | 21.14 | 228 | 1829047 | 20.679 | ng/ul | 99 |
| 86) Di-n-octyl phthalate | 21.91 | 149 | 2451808 | 29.662 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.62 | 252 | 1650970 | 21.959 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.66 | 252 | 1597103 | 21.751 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.16 | 252 | 1517208 | 21.978 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.34 | 276 | 1613843 | 19.296 | ng/ul | 100 |
| 92) Dibenzo(a,h)anthracene | 25.35 | 278 | 1366662 | 19.361 | ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 25.98 | 276 | 1329459 | 18.997 | ng/ul | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009191.D
Acq On : 27 Dec 2019 02:15
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 04:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD02063

**Manual Integrations APPROVED**
mohammad
12/27/2019 3:20:46 PM