Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070820\
Data File : BN011124.D
Acq On : 08 Jul 2020 18:30
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD16051

Quant Time: Jul 08 19:00:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 272026 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.26 | 136 | 1196455 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.14 | 164 | 647157 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.89 | 188 | 1327226 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.11 | 240 | 1281968 | 20.00 | ng/ul | 0.01 |
| 86) Perylene-d12 | 23.25 | 264 | 1311575 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.19 | 96 | 395985 | 76.17 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.73 | 99 | 3620492 | 168.57 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.88 | 67 | 2121354 | 195.27 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 7.06 | 132 | 3351134 | 183.02 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.24 | 113 | 2833217 | 156.45 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 8.66 | 128 | 1458208 | 158.18 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 1680471 | 163.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.90 | 165 | 3157460 | 156.78 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.40 | 131 | 2533712 | 109.71 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.58 | 166 | 7584039 | 157.95 | ng/ul | 0.02 |
| 47) Acenaphthylene-d8 | 13.83 | 160 | 9466966 | 160.46 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4 | 14.40 | 143 | 1514666 | 162.01 | ng/ul | 0.04 |
| 58) Fluorene-d10 | 15.15 | 176 | 6940498 | 161.07 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.29 | 200 | 1571159 | 226.62 | ng/ul | 0.03 |
| 71) Anthracene-d10 | 17.00 | 188 | 9651243 | 157.00 | ng/ul | 0.01 |
| 79) Pyrene-d10 | 19.30 | 212 | 10473965 | 144.73 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12 | 23.12 | 264 | 10813857 | 158.95 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 417329 | 75.875 | ng/uL | 94 |
| 4) Benzaldehyde | 6.68 | 77 | 1465952 | 131.435 | ng/ul | 99 |
| 6) Phenol | 6.76 | 94 | 3900476 | 175.439 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 6.97 | 93 | 3221404 | 188.176 | ng/ul | 95 |
| 10) 2-Chlorophenol | 7.10 | 128 | 3523376 | 189.115 | ng/ul | 99 |
| 11) 2-Methylphenol | 7.97 | 108 | 2902715 | 164.915 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.05 | 45 | 1853944 | 170.318 | ng/ul | 95 |
| 14) Acetophenone | 8.34 | 105 | 4796437 | 175.183 | ng/ul | 96 |
| 15) N-Nitroso-di-n-propylamine | 8.36 | 70 | 2099597 | 160.099 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.32 | 108 | 3059234 | 162.485 | ng/ul | 97 |
| 17) Hexachloroethane | 8.56 | 117 | 1385838 | 179.350 | ng/ul | 98 |
| 20) Nitrobenzene | 8.70 | 77 | 3509854 | 162.993 | ng/ul | 97 |
| 21) Isophorone | 9.24 | 82 | 6125088 | 154.211 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.40 | 139 | 1809909 | 162.889 | ng/ul | 95 |
| 24) 2,4-Dimethylphenol | 9.48 | 107 | 3761634 | 171.662 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.70 | 93 | 4072143 | 168.538 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 9.93 | 162 | 3196486 | 161.075 | ng/ul | 99 |
| 28) Naphthalene | 10.32 | 128 | 10246281 | 159.350 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.43 | 127 | 2669680 | 116.412 | ng/ul | 95 |
| 31) Hexachlorobutadiene | 10.60 | 225 | 2275299 | 164.707 | ng/ul | 98 |
| 32) Caprolactam | 11.28 | 113 | 480313 | 76.277 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.59 | 107 | 3062119 | 147.256 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 11.93 | 142 | 6790697 | 149.427 | ng/ul | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070820\
Data File : BN011124.D
Acq On : 08 Jul 2020 18:30
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD16051

Quant Time: Jul 08 19:00:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.16 | 142 | 6245964 | 137.322 ng/uL | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.31 | 216 | 3819192 | 177.010 ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.29 | 237 | 2920741 | 278.202 ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.56 | 196 | 2407256 | 172.174 ng/ul | 95 |
| 40) 2,4,5-Trichlorophenol | 12.65 | 196 | 2603265 | 173.130 ng/ul | 97 |
| 41) 1,1'-Biphenyl | 12.97 | 154 | 9118829 | 183.468 ng/ul | 97 |
| 42) 2-Chloronaphthalene | 13.00 | 162 | 7140681 | 177.732 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.23 | 65 | 1878682 | 201.578 ng/ul | 87 |
| 45) Dimethylphthalate | 13.62 | 163 | 7938482 | 159.240 ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 13.74 | 165 | 1735902 | 163.739 ng/ul | 93 |
| 48) Acenaphthylene | 13.86 | 152 | 9797169 | 157.376 ng/ul | 98 |
| 49) 3-Nitroaniline | 14.07 | 138 | 1573289 | 155.970 ng/ul | 99 |
| 50) Acenaphthene | 14.21 | 153 | 6971195 | 163.640 ng/ul | 96 |
| 51) 2,4-Dinitrophenol | 14.28 | 184 | 1246367 | 248.183 ng/ul | 98 |
| 53) 4-Nitrophenol | 14.41 | 109 | 1373183 | 181.438 ng/ul | 99 |
| 54) Dibenzofuran | 14.55 | 168 | 9976925 | 167.295 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.53 | 165 | 2576196 | 170.575 ng/ul | 97 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.78 | 232 | 2228150 | 169.573 ng/ul | 99 |
| 57) Diethylphthalate | 15.00 | 149 | 8551244 | 170.610 ng/ul | 99 |
| 59) Fluorene | 15.20 | 166 | 8308678 | 169.920 ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.20 | 204 | 4252016 | 170.039 ng/ul | 93 |
| 61) 4-Nitroaniline | 15.26 | 138 | 1619324 | 141.732 ng/ul | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 15.31 | 198 | 1599697 | 214.546 ng/ul# | 93 |
| 65) N-Nitrosodiphenylamine | 15.42 | 169 | 6580656 | 171.151 ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.10 | 248 | 2451866 | 169.203 ng/ul | 91 |
| 67) Hexachlorobenzene | 16.21 | 284 | 2712309 | 164.554 ng/ul | 90 |
| 68) Atrazine | 16.40 | 200 | 2229211 | 146.784 ng/ul | 95 |
| 69) Pentachlorophenol | 16.55 | 266 | 1762230 | 167.468 ng/ul | 92 |
| 70) Phenanthrene | 16.94 | 178 | 11634439 | 157.851 ng/ul | 98 |
| 72) Anthracene | 17.03 | 178 | 11784776 | 157.733 ng/ul | 94 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.93 | 216 | 3727982 | 177.099 ng/uL | 98 |
| 74) Pentachlorobenzene | 14.47 | 250 | 3314661 | 161.538 ng/uL | 95 |
| 75) Carbazole | 17.30 | 167 | 11252689 | 183.357 ng/ul | 100 |
| 76) Di-n-butylphthalate | 17.89 | 149 | 12584292 | 162.782 ng/ul# | 92 |
| 77) Fluoranthene | 18.96 | 202 | 12718036 | 158.813 ng/ul# | 93 |
| 80) Pyrene | 19.33 | 202 | 12567715 | 135.682 ng/ul# | 92 |
| 81) Butylbenzylphthalate | 20.26 | 149 | 6117627 | 153.121 ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.03 | 252 | 4632693 | 167.665 ng/ul | 96 |
| 83) Benzo(a)anthracene | 21.09 | 228 | 12548359 | 141.102 ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 9001735 | 155.998 ng/ul# | 97 |
| 85) Chrysene | 21.09 | 228 | 12548359 | 150.067 ng/ul | 98 |
| 87) Di-n-octyl phthalate | 21.90 | 149 | 12775992 | 136.947 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.63 | 252 | 13678233 | 159.822 ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.67 | 252 | 12844530 | 151.267 ng/ul | 95 |
| 91) Benzo(a)pyrene | 23.17 | 252 | 11765567 | 154.732 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.37 | 276 | 15623293 | 182.539 ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.39 | 278 | 13390074 | 186.275 ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 26.02 | 276 | 12682382 | 179.051 ng/ul | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070820\
Data File : BN011124.D
Acq On : 08 Jul 2020 18:30
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD16051

Quant Time: Jul 08 19:00:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
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 N\Data\BN070820\
Data File : BN011124.D
Acq On : 08 Jul 2020 18:30
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD16051

Quant Time: Jul 08 19:00:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
Response via : Initial Calibration