Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018132.D
Acq On : 13 Dec 2018 17:05
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SICV58

**Manual Integrations APPROVED**
Sohil
12/14/2018 2:17:02 PM

Quant Time: Dec 13 18:00:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 17:00:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.52 | 152 | 110384 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.28 | 136 | 500113 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.17 | 164 | 303682 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.93 | 188 | 705185 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.16 | 240 | 854273 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.32 | 264 | 944921 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.10 | 96 | 18567 | 8.03 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.71 | 99 | 198572 | 18.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.87 | 67 | 114833 | 20.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.05 | 132 | 164988 | 19.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.23 | 113 | 166547 | 19.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.67 | 128 | 81232 | 19.77 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.39 | 143 | 96176 | 19.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.92 | 165 | 171108 | 20.36 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.44 | 131 | 154250 | 20.76 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.59 | 166 | 542527 | 20.19 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.86 | 160 | 648916 | 19.82 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.42 | 143 | 94097 | 19.41 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.17 | 176 | 454106 | 20.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 99990 | 18.61 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.03 | 188 | 711796 | 19.98 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.34 | 212 | 799654 | 19.52 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.19 | 264 | 1023637 | 19.56 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.13 | 88 | 18909 | 7.423 | ng/uL# | 92 |
| 4) Benzaldehyde | 6.68 | 77 | 36785m | 19.648 | ng/ul | |
| 6) Phenol | 6.73 | 94 | 198568 | 19.035 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 6.96 | 93 | 154282 | 20.137 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.08 | 128 | 162817 | 19.683 | ng/ul | 96 |
| 11) 2-Methylphenol | 7.97 | 108 | 154880 | 19.026 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.05 | 45 | 143477m | 19.828 | ng/ul | |
| 14) Acetophenone | 8.34 | 105 | 253879 | 19.529 | ng/ul | 94 |
| 15) N-Nitroso-di-n-propylamine | 8.32 | 70 | 135209 | 20.310 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.30 | 108 | 170524 | 19.262 | ng/ul | 99 |
| 17) Hexachloroethane | 8.56 | 117 | 66277 | 20.238 | ng/ul | 97 |
| 20) Nitrobenzene | 8.71 | 77 | 188057 | 20.236 | ng/ul | 99 |
| 21) Isophorone | 9.23 | 82 | 378862 | 20.285 | ng/ul | 97 |
| 23) 2-Nitrophenol | 9.42 | 139 | 96318 | 19.336 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.48 | 107 | 196762 | 19.902 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.72 | 93 | 220566 | 20.101 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 9.94 | 162 | 160261 | 19.667 | ng/ul | 95 |
| 28) Naphthalene | 10.33 | 128 | 521834 | 19.393 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.46 | 127 | 153353 | 20.250 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.60 | 225 | 102303 | 19.580 | ng/ul | 94 |
| 32) Caprolactam | 11.25 | 113 | 59382 | 18.867 | ng/ul | 87 |
| 33) 4-Chloro-3-methylphenol | 11.60 | 107 | 187256 | 20.047 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 11.95 | 142 | 389435 | 19.506 | ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018132.D
Acq On : 13 Dec 2018 17:05
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SICV58

**Manual Integrations APPROVED**
Sohil
12/14/2018 2:17:02 PM

Quant Time: Dec 13 18:00:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 17:00:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.33 | 216 | 197288 | 20.100 | ng/ul | 95 |
| 37) Hexachlorocyclopentadiene | 12.30 | 237 | 86284 | 17.420 | ng/ul | 98 |
| 38) 2,4,6-Trichlorophenol | 12.59 | 196 | 131346 | 19.560 | ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.67 | 196 | 146919 | 20.422 | ng/ul | 93 |
| 40) 1,1'-Biphenyl | 12.99 | 154 | 502634 | 19.697 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.03 | 162 | 397631 | 19.993 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.26 | 65 | 117443 | 20.956 | ng/ul | 95 |
| 44) Dimethylphthalate | 13.64 | 163 | 516958 | 20.212 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.77 | 165 | 109768 | 20.280 | ng/ul | 94 |
| 47) Acenaphthylene | 13.89 | 152 | 612666 | 19.768 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.10 | 138 | 101808 | 19.751 | ng/ul | 91 |
| 49) Acenaphthene | 14.23 | 153 | 428264 | 19.617 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.33 | 184 | 64967 | 18.030 | ng/ul | 93 |
| 52) 4-Nitrophenol | 14.43 | 109 | 75204 | 19.497 | ng/ul | 93 |
| 53) Dibenzofuran | 14.57 | 168 | 608468 | 20.161 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.57 | 165 | 162097 | 20.229 | ng/ul | 93 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.81 | 232 | 133505 | 20.433 | ng/ul | 97 |
| 56) Diethylphthalate | 15.02 | 149 | 532481 | 20.112 | ng/ul | 99 |
| 58) Fluorene | 15.23 | 166 | 507096 | 20.221 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.23 | 204 | 254040 | 20.109 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.28 | 138 | 107753 | 18.995 | ng/ul | 99 |
| 63) 4,6-Dinitro-2-methylphenol | 15.34 | 198 | 103299 | 18.841 | ng/ul | 97 |
| 64) N-Nitrosodiphenylamine | 15.45 | 169 | 449456 | 19.475 | ng/ul | 95 |
| 65) 4-Bromophenyl-phenylether | 16.13 | 248 | 161980 | 19.430 | ng/ul | 97 |
| 66) Hexachlorobenzene | 16.23 | 284 | 181396 | 19.757 | ng/ul | 98 |
| 67) Atrazine | 16.42 | 200 | 164576 | 19.506 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.59 | 266 | 104344 | 19.193 | ng/ul | 96 |
| 69) Phenanthrene | 16.97 | 178 | 809228 | 19.658 | ng/ul | 99 |
| 71) Anthracene | 17.06 | 178 | 832951 | 19.661 | ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 12.95 | 216 | 196372 | 19.448 | ng/uL | 97 |
| 73) Pentachlorobenzene | 14.49 | 250 | 200462 | 19.065 | ng/uL | 96 |
| 74) Carbazole | 17.35 | 167 | 743776 | 19.293 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 17.92 | 149 | 947216 | 19.636 | ng/ul | 99 |
| 76) Fluoranthene | 19.00 | 202 | 980873 | 20.542 | ng/ul | 98 |
| 79) Pyrene | 19.37 | 202 | 1007889 | 19.721 | ng/ul | 96 |
| 80) Butylbenzylphthalate | 20.30 | 149 | 463962 | 18.981 | ng/ul | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.08 | 252 | 395719 | 20.158 | ng/ul | 97 |
| 82) Benzo(a)anthracene | 21.14 | 228 | 1064065 | 19.681 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.08 | 149 | 695644 | 19.360 | ng/ul | 99 |
| 84) Chrysene | 21.19 | 228 | 997704 | 19.776 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 21.94 | 149 | 1240343 | 17.856 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.68 | 252 | 1100407 | 19.541 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.72 | 252 | 1097912 | 19.592 | ng/ul | 100 |
| 90) Benzo(a)pyrene | 23.23 | 252 | 1090374 | 19.631 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.46 | 276 | 1318571 | 20.920 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 25.47 | 278 | 1111515 | 20.755 | ng/ul | 97 |
| 93) Benzo(g,h,i)perylene | 26.11 | 276 | 1108117 | 21.095 | ng/ul | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018132.D
Acq On : 13 Dec 2018 17:05
Operator : JU/SJ
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 13 18:00:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 17:00:57 2018
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SICV58

**Manual Integrations APPROVED**
Sohil
12/14/2018 2:17:02 PM