Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\
Data File : BM003872.D
Acq On : 30 Dec 2015 10:23
Operator : SJ/UM
Sample : SSTD00537
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD00537

Quant Time: Dec 30 13:13:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 13:02:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 60561 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 260494 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.33 | 164 | 148163 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.07 | 188 | 320292 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.27 | 240 | 295614 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.51 | 264 | 245284 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 3259 | 2.90 | ng/uL | 0.00 |
| 5) Phenol-d5 | 0.00 | 99 | 0d | 0.00 | ng/ul | |
| 7) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0d | 0.00 | ng/ul | |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 19040 | 4.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 8763 | 4.64 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 9647 | 4.54 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 17862 | 4.60 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 44) Dimethylphthalate-d6 | 13.73 | 166 | 57011 | 4.66 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.02 | 160 | 67597 | 4.85 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 15.32 | 176 | 49702 | 4.91 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 17.17 | 188 | 74397 | 5.11 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.47 | 212 | 77033 | 5.97 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.37 | 264 | 59597 | 4.89 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 3233 | 2.45 | ng/uL# | 80 |
| 10) 2-Chlorophenol | 7.24 | 128 | 20200 | 4.67 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.47 | 70 | 14975 | 4.48 | ng/ul | 94 |
| 17) Hexachloroethane | 8.74 | 117 | 7653 | 4.65 | ng/ul | 97 |
| 20) Nitrobenzene | 8.87 | 77 | 21516 | 4.93 | ng/ul | 98 |
| 21) Isophorone | 9.39 | 82 | 40094 | 4.61 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.58 | 139 | 10641 | 4.51 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.65 | 107 | 22416 | 4.64 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.87 | 93 | 25553 | 4.87 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.12 | 162 | 18288 | 4.53 | ng/ul | 99 |
| 28) Naphthalene | 10.51 | 128 | 66630 | 4.96 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.79 | 225 | 11678 | 4.70 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.76 | 107 | 20904 | 4.42 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.13 | 142 | 47195 | 4.71 | ng/ul | 99 |
| 35) 1-Methylnaphthalene | 12.35 | 142 | 44840 | 4.71 | ng/ul | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 22524 | 5.02 | ng/ul | 97 |
| 39) 2,4,6-Trichlorophenol | 12.75 | 196 | 14205 | 4.69 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.83 | 196 | 15310 | 4.57 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.15 | 154 | 60993 | 5.07 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.19 | 162 | 44726 | 4.95 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.40 | 65 | 11379 | 4.55 | ng/ul | 92 |
| 45) Dimethylphthalate | 13.78 | 163 | 58132 | 4.64 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.91 | 165 | 10202 | 4.18 | ng/ul | 89 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\
Data File : BM003872.D
Acq On : 30 Dec 2015 10:23
Operator : SJ/UM
Sample : SSTD00537
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD00537

Quant Time: Dec 30 13:13:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 13:02:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 48) Acenaphthylene | 14.05 | 152 | 75117 | 4.93 | ng/ul | 99 |
| 50) Acenaphthene | 14.39 | 153 | 50630 | 4.97 | ng/ul | 98 |
| 54) Dibenzofuran | 14.73 | 168 | 71405 | 4.91 | ng/ul | 96 |
| 55) 2,4-Dinitrotoluene | 14.70 | 165 | 14950 | 4.03 | ng/ul# | 91 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 12395 | 4.30 | ng/ul# | 98 |
| 57) Diethylphthalate | 15.15 | 149 | 59273 | 4.47 | ng/ul | 100 |
| 59) Fluorene | 15.37 | 166 | 58093 | 4.98 | ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204 | 27939 | 4.94 | ng/ul | 95 |
| 65) N-Nitrosodiphenylamine | 15.59 | 169 | 49305 | 5.26 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.27 | 248 | 16234 | 5.09 | ng/ul | 94 |
| 67) Hexachlorobenzene | 16.39 | 284 | 17628 | 4.97 | ng/ul | 98 |
| 70) Phenanthrene | 17.12 | 178 | 90627 | 5.12 | ng/ul | 99 |
| 72) Anthracene | 17.20 | 178 | 92847 | 5.14 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.12 | 216 | 24748 | 5.64 | ng/uL | 97 |
| 74) Pentachlorobenzene | 14.65 | 250 | 22260 | 5.38 | ng/uL | 99 |
| 76) Di-n-butylphthalate | 18.04 | 149 | 99946 | 4.66 | ng/ul | 100 |
| 80) Pyrene | 19.50 | 202 | 102566 | 6.03 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.41 | 149 | 38703 | 4.81 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.26 | 228 | 86728 | 4.87 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 49167 | 4.11 | ng/ul | 99 |
| 85) Chrysene | 21.31 | 228 | 82672 | 4.81 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.84 | 252 | 75505 | 5.11 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.88 | 252 | 68596 | 4.90 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 23.41 | 252 | 68540 | 4.85 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 74306 | 4.88 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.76 | 278 | 62503 | 4.89 | ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 26.44 | 276 | 61966 | 4.96 | ng/ul | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\
Data File : BM003872.D
Acq On : 30 Dec 2015 10:23
Operator : SJ/UM
Sample : SSTD00537
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD00537

Quant Time: Dec 30 13:13:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 13:02:01 2015
Response via : Initial Calibration