Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022822\
Data File : BM034094.D
Acq On : 28 Feb 2022 12:47
Operator : CG/JU
Sample : SSTD02034
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020034

Quant Time: Feb 28 14:01:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 28 13:57:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.995 | 152 | 167673 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.813 | 136 | 663827 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.636 | 164 | 482703 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.371 | 188 | 1054343 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.547 | 240 | 1084092 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.994 | 264 | 986812 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.372 | 96 | 28518 | 6.708 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.796 | 84 | 184996 | 15.590 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.148 | 99 | 225656 | 16.064 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.319 | 67 | 128858 | 15.047 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.525 | 132 | 202985 | 18.036 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.701 | 113 | 195741 | 17.585 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.160 | 128 | 100004 | 18.775 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.889 | 143 | 113455 | 19.724 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.425 | 165 | 230864 | 22.179 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.942 | 131 | 283428 | 19.718 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.042 | 166 | 722276 | 20.024 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.330 | 160 | 883038 | 19.984 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.807 | 143 | 119771 | 19.435 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.624 | 176 | 623518 | 20.702 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.730 | 200 | 126192 | 19.065 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.471 | 188 | 1014041 | 20.083 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.759 | 212 | 1173635 | 18.337 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.835 | 264 | 990134 | 19.103 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.407 | 88 | 27599 | 5.949 | ng/uL# | 79 |
| 5) Pyridine | 3.813 | 79 | 188662 | 15.403 | ng/ul# | 79 |
| 6) Benzaldehyde | 7.125 | 77 | 153661 | 18.117 | ng/ul# | 78 |
| 8) Phenol | 7.172 | 94 | 220498 | 15.307 | ng/ul# | 85 |
| 10) Bis(2-Chloroethyl)ether | 7.413 | 93 | 177406 | 15.592 | ng/ul# | 85 |
| 12) 2-Chlorophenol | 7.560 | 128 | 202654 | 17.187 | ng/ul# | 81 |
| 13) 2-Methylphenol | 8.436 | 108 | 175359 | 16.117 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.536 | 45 | 195727 | 12.779 | ng/ul# | 88 |
| 16) Acetophenone | 8.819 | 105 | 306739 | 17.359 | ng/ul# | 85 |
| 17) N-Nitroso-di-n-propyla... | 8.813 | 70 | 146087 | 16.284 | ng/ul# | 88 |
| 18) 4-Methylphenol | 8.766 | 108 | 191279 | 16.479 | ng/ul | 94 |
| 19) Hexachloroethane | 9.089 | 117 | 83515 | 16.324 | ng/ul# | 65 |
| 22) Nitrobenzene | 9.201 | 77 | 213290 | 16.175 | ng/ul# | 86 |
| 23) Isophorone | 9.730 | 82 | 399826 | 16.894 | ng/ul# | 91 |
| 25) 2-Nitrophenol | 9.919 | 139 | 117871 | 19.099 | ng/ul# | 75 |
| 26) 2,4-Dimethylphenol | 9.978 | 107 | 235814 | 17.517 | ng/ul | 91 |
| 27) Bis(2-Chloroethoxy)met... | 10.219 | 93 | 240855 | 16.370 | ng/ul# | 98 |
| 29) 2,4-Dichlorophenol | 10.454 | 162 | 219661 | 21.121 | ng/ul# | 91 |
| 30) Naphthalene | 10.866 | 128 | 656983 | 17.892 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.966 | 127 | 280517 | 19.220 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.160 | 225 | 166978 | 21.697 | ng/ul | 99 |
| 34) Caprolactam | 11.724 | 113 | 58759 | 19.852 | ng/ul# | 60 |
| 35) 4-Chloro-3-methylphenol | 12.083 | 107 | 210680 | 17.678 | ng/ul# | 74 |
| 36) 2-Methylnaphthalene | 12.472 | 142 | 485537 | 20.070 | ng/ul | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022822\
Data File : BM034094.D
Acq On : 28 Feb 2022 12:47
Operator : CG/JU
Sample : SSTD02034
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020034

Quant Time: Feb 28 14:01:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 28 13:57:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.689 | 142 | 493080 | 19.883 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.836 | 216 | 308157 | 20.073 | ng/ul# | 97 |
| 40) Hexachlorocyclopentadiene | 12.824 | 237 | 194703 | 17.192 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.071 | 196 | 194066 | 20.300 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.136 | 196 | 212489 | 20.953 | ng/ul | 93 |
| 43) 1,1'-Biphenyl | 13.471 | 154 | 696280 | 17.994 | ng/ul# | 96 |
| 44) 2-Chloronaphthalene | 13.513 | 162 | 540425 | 18.524 | ng/ul | 95 |
| 45) 2-Nitroaniline | 13.707 | 65 | 124261 | 14.474 | ng/ul# | 66 |
| 47) Dimethylphthalate | 14.089 | 163 | 697561 | 19.254 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.201 | 165 | 139168 | 20.126 | ng/ul# | 84 |
| 50) Acenaphthylene | 14.360 | 152 | 866630 | 18.395 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.524 | 138 | 133575 | 19.567 | ng/ul# | 74 |
| 52) Acenaphthene | 14.701 | 153 | 571871 | 18.541 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.730 | 184 | 81428 | 19.298 | ng/ul# | 71 |
| 55) 4-Nitrophenol | 14.824 | 109 | 111539 | 18.749 | ng/ul# | 78 |
| 56) Dibenzofuran | 15.030 | 168 | 841926 | 19.397 | ng/ul | 93 |
| 57) 2,4-Dinitrotoluene | 14.983 | 165 | 204472 | 20.725 | ng/ul# | 72 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.254 | 232 | 185150 | 22.191 | ng/ul# | 88 |
| 59) Diethylphthalate | 15.448 | 149 | 708979 | 19.214 | ng/ul | 99 |
| 61) Fluorene | 15.677 | 166 | 704830 | 20.290 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.671 | 204 | 377214 | 21.259 | ng/ul | 89 |
| 63) 4-Nitroaniline | 15.683 | 138 | 143605 | 21.808 | ng/ul# | 81 |
| 66) 4,6-Dinitro-2-methylph... | 15.748 | 198 | 124439 | 18.816 | ng/ul# | 80 |
| 67) N-Nitrosodiphenylamine | 15.883 | 169 | 607452 | 18.566 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.565 | 248 | 227939 | 20.009 | ng/ul# | 91 |
| 69) Hexachlorobenzene | 16.683 | 284 | 274234 | 21.053 | ng/ul# | 92 |
| 70) Atrazine | 16.830 | 200 | 243846 | 19.807 | ng/ul | 96 |
| 71) Pentachlorophenol | 17.024 | 266 | 168033 | 20.113 | ng/ul | 96 |
| 72) Phenanthrene | 17.418 | 178 | 1119033 | 18.875 | ng/ul | 99 |
| 74) Anthracene | 17.506 | 178 | 1147600 | 19.260 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.442 | 216 | 323181 | 17.539 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.954 | 250 | 321422 | 19.567 | ng/uL | 99 |
| 77) Carbazole | 17.771 | 167 | 992142 | 18.812 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.342 | 149 | 1190817 | 18.158 | ng/ul | 98 |
| 80) Fluoranthene | 19.424 | 202 | 1360283 | 17.755 | ng/ul# | 91 |
| 82) Pyrene | 19.789 | 202 | 1396233 | 17.831 | ng/ul# | 88 |
| 83) Butylbenzylphthalate | 20.683 | 149 | 495302 | 15.525 | ng/ul# | 76 |
| 84) 3,3'-Dichlorobenzidine | 21.459 | 252 | 449069 | 20.816 | ng/ul# | 95 |
| 85) Benzo(a)anthracene | 21.530 | 228 | 1309341 | 18.643 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.459 | 149 | 750619 | 16.133 | ng/ul | 100 |
| 87) Chrysene | 21.583 | 228 | 1274924 | 18.576 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.406 | 149 | 1160730 | 16.244 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.247 | 252 | 1259887 | 18.795 | ng/ul# | 96 |
| 91) Benzo(k)fluoranthene | 23.294 | 252 | 1178132 | 19.144 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.888 | 252 | 1190885 | 18.788 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.553 | 276 | 1305567 | 17.819 | ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 26.571 | 278 | 1134746 | 17.894 | ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 27.335 | 276 | 1095255 | 17.779 | ng/ul# | 95 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022822\
Data File : BM034094.D
Acq On : 28 Feb 2022 12:47
Operator : CG/JU
Sample : SSTD02034
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020034

Quant Time: Feb 28 14:01:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 28 13:57:40 2022
Response via : Initial Calibration