Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047963.D
Acq On : 10 Oct 2024 03:55
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020174

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 05:13:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.786 | 152 | 242120 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.580 | 136 | 957258 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.421 | 164 | 576526 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.162 | 188 | 1185947 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.386 | 240 | 1238913 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.374 | 264 | 1439623 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.240 | 96 | 51116 | 6.823 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.657 | 84 | 351975 | 16.045 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.957 | 99 | 403248 | 17.613 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.116 | 67 | 245094 | 15.086 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.322 | 132 | 339227 | 20.365 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.492 | 113 | 310801 | 18.259 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.939 | 128 | 156994 | 20.598 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.663 | 143 | 164996 | 22.590 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.204 | 165 | 309836 | 21.235 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.716 | 131 | 425182m | 18.849 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.833 | 166 | 811144 | 19.406 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.115 | 160 | 985837 | 19.892 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.621 | 143 | 169755 | 20.398 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.415 | 176 | 715912 | 19.774 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.533 | 200 | 131393 | 18.933 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.262 | 188 | 1138849 | 19.529 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.545 | 212 | 1346215 | 19.146 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.168 | 264 | 1455286 | 19.483 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.275 | 88 | 54658 | 6.679 | ng/uL | 92 |
| 5) Pyridine | 3.675 | 79 | 381596 | 16.523 | ng/ul | 90 |
| 6) Benzaldehyde | 6.928 | 77 | 235379 | 18.905 | ng/ul | 93 |
| 8) Phenol | 6.987 | 94 | 412517 | 16.934 | ng/ul | 92 |
| 10) Bis(2-Chloroethyl)ether | 7.210 | 93 | 326168 | 16.803 | ng/ul | 91 |
| 12) 2-Chlorophenol | 7.357 | 128 | 342108 | 19.386 | ng/ul | 93 |
| 13) 2-Methylphenol | 8.234 | 108 | 305542 | 17.987 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.310 | 45 | 482889 | 13.215 | ng/ul# | 94 |
| 16) Acetophenone | 8.610 | 105 | 493884 | 16.957 | ng/ul# | 91 |
| 17) N-Nitroso-di-n-propyla... | 8.592 | 70 | 242775 | 15.737 | ng/ul# | 88 |
| 18) 4-Methylphenol | 8.557 | 108 | 329422 | 17.257 | ng/ul | 98 |
| 19) Hexachloroethane | 8.869 | 117 | 146339 | 18.449 | ng/ul | 88 |
| 22) Nitrobenzene | 8.986 | 77 | 372250 | 17.193 | ng/ul# | 89 |
| 23) Isophorone | 9.510 | 82 | 664783 | 17.164 | ng/ul | 95 |
| 25) 2-Nitrophenol | 9.692 | 139 | 177736 | 21.271 | ng/ul# | 87 |
| 26) 2,4-Dimethylphenol | 9.757 | 107 | 330934 | 18.484 | ng/ul | 92 |
| 27) Bis(2-Chloroethoxy)met... | 9.992 | 93 | 408522 | 17.245 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.227 | 162 | 305283 | 20.263 | ng/ul | 98 |
| 30) Naphthalene | 10.627 | 128 | 1060349 | 19.257 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.739 | 127 | 405112 | 18.239 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.922 | 225 | 194983 | 19.587 | ng/ul | 95 |
| 34) Caprolactam | 11.510 | 113 | 93990m | 19.507 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.869 | 107 | 303714 | 19.474 | ng/ul | 93 |
| 36) 2-Methylnaphthalene | 12.239 | 142 | 675372 | 19.304 | ng/ul | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047963.D
Acq On : 10 Oct 2024 03:55
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020174

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 05:13:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.463 | 142 | 709148 | 19.923 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.616 | 216 | 359765 | 19.170 | ng/ul# | 97 |
| 40) Hexachlorocyclopentadiene | 12.592 | 237 | 197731 | 17.419 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.857 | 196 | 230779 | 21.253 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.927 | 196 | 250344 | 21.083 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.257 | 154 | 873569 | 18.925 | ng/ul# | 97 |
| 44) 2-Chloronaphthalene | 13.298 | 162 | 696411 | 19.507 | ng/ul | 96 |
| 45) 2-Nitroaniline | 13.498 | 65 | 189536 | 16.724 | ng/ul# | 81 |
| 47) Dimethylphthalate | 13.880 | 163 | 816168 | 19.281 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.998 | 165 | 161137 | 21.675 | ng/ul# | 83 |
| 50) Acenaphthylene | 14.145 | 152 | 1145252 | 20.491 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.327 | 138 | 179824 | 19.986 | ng/ul | 88 |
| 52) Acenaphthene | 14.486 | 153 | 751072 | 19.011 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.533 | 184 | 87628 | 19.075 | ng/ul# | 76 |
| 55) 4-Nitrophenol | 14.639 | 109 | 122146 | 17.481 | ng/ul | 87 |
| 56) Dibenzofuran | 14.821 | 168 | 1023944 | 19.254 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.786 | 165 | 238773 | 21.384 | ng/ul# | 78 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 212727 | 22.727 | ng/ul# | 94 |
| 59) Diethylphthalate | 15.245 | 149 | 798662 | 18.857 | ng/ul | 98 |
| 61) Fluorene | 15.468 | 166 | 848358 | 19.121 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.462 | 204 | 404335 | 19.286 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.486 | 138 | 195323 | 22.352 | ng/ul | 93 |
| 66) 4,6-Dinitro-2-methylph... | 15.545 | 198 | 144094 | 18.738 | ng/ul | 90 |
| 67) N-Nitrosodiphenylamine | 15.674 | 169 | 685796 | 18.557 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.357 | 248 | 244031 | 19.962 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.474 | 284 | 290961 | 20.453 | ng/ul | 93 |
| 70) Atrazine | 16.627 | 200 | 208605 | 16.957 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.815 | 266 | 184686 | 20.416 | ng/ul | 99 |
| 72) Phenanthrene | 17.204 | 178 | 1329689 | 19.119 | ng/ul | 99 |
| 74) Anthracene | 17.292 | 178 | 1373211 | 19.359 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.221 | 216 | 353006 | 17.978 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.745 | 250 | 347576 | 18.134 | ng/uL | 98 |
| 77) Carbazole | 17.562 | 167 | 1248044 | 19.411 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.127 | 149 | 1358457 | 18.978 | ng/ul | 98 |
| 80) Fluoranthene | 19.215 | 202 | 1574018 | 19.007 | ng/ul | 98 |
| 82) Pyrene | 19.574 | 202 | 1705184 | 18.500 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.468 | 149 | 637203 | 19.555 | ng/ul | 86 |
| 84) 3,3'-Dichlorobenzidine | 21.291 | 252 | 518800 | 19.818 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.368 | 228 | 1732764 | 19.975 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149 | 915573 | 18.714 | ng/ul | 97 |
| 87) Chrysene | 21.427 | 228 | 1639478 | 19.387 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.415 | 149 | 1605019 | 17.285 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.427 | 252 | 1757570 | 19.577 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.485 | 252 | 1771724 | 19.300 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.232 | 252 | 1698540 | 19.921 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 27.744 | 276 | 2068963 | 18.935 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.797 | 278 | 1738331 | 19.413 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 28.791 | 276 | 1698400 | 19.839 | ng/ul | 97 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047963.D
Acq On : 10 Oct 2024 03:55
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 10 05:13:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020174

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024