Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045276.D
Acq On : 16 Apr 2024 11:23
Operator : MA/JU
Sample : PB160228BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS228

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 12:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.581 | 152 | 55526 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.351 | 136 | 227625 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.233 | 164 | 140941 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.992 | 188 | 281244 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.203 | 240 | 264251 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.403 | 264 | 332092 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.175 | 96 | 8784 | 5.907 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.569 | 84 | 91560 | 22.643 | ng/ul | -0.01 |
| 7) Phenol-d5 | 6.763 | 99 | 120322 | 25.561 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.939 | 67 | 79127 | 28.214 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.116 | 132 | 102998 | 27.929 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.292 | 113 | 98084 | 26.620 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.739 | 128 | 50394 | 28.822 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.451 | 143 | 56362 | 30.541 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.980 | 165 | 102174 | 30.197 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.510 | 131 | 134769 | 25.017 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.663 | 166 | 293974 | 29.957 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.921 | 160 | 329226 | 28.398 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.468 | 143 | 49044 | 23.947 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.233 | 176 | 242821 | 27.755 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.380 | 200 | 44446 | 26.653 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.092 | 188 | 362825 | 28.678 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.397 | 212 | 410628 | 31.558 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.268 | 264 | 478824 | 29.556 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.210 | 88 | 12653 | 8.148 | ng/uL# | 90 |
| 5) Pyridine | 3.587 | 79 | 94690 | 22.101 | ng/ul | 96 |
| 6) Benzaldehyde | 6.751 | 77 | 73428 | 33.650 | ng/ul | 99 |
| 8) Phenol | 6.792 | 94 | 125931 | 25.834 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.028 | 93 | 101121 | 26.581 | ng/ul | 94 |
| 12) 2-Chlorophenol | 7.145 | 128 | 106421 | 27.501 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.028 | 108 | 91884 | 25.537 | ng/ul | 93 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.104 | 45 | 123092 | 27.128 | ng/ul | 97 |
| 16) Acetophenone | 8.410 | 105 | 151232 | 25.246 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.392 | 70 | 78232 | 27.660 | ng/ul | 88 |
| 18) 4-Methylphenol | 8.357 | 108 | 98747 | 25.463 | ng/ul | 98 |
| 19) Hexachloroethane | 8.628 | 117 | 48429 | 28.454 | ng/ul | 98 |
| 22) Nitrobenzene | 8.786 | 77 | 122400 | 28.533 | ng/ul | 99 |
| 23) Isophorone | 9.304 | 82 | 220800 | 28.015 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.486 | 139 | 59548 | 29.072 | ng/ul# | 89 |
| 26) 2,4-Dimethylphenol | 9.545 | 107 | 96708 | 24.489 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.792 | 93 | 136449 | 29.203 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.010 | 162 | 97882 | 28.633 | ng/ul | 96 |
| 30) Naphthalene | 10.398 | 128 | 323932 | 26.883 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.533 | 127 | 122065 | 23.287 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.663 | 225 | 60096 | 28.274 | ng/ul | 94 |
| 34) Caprolactam | 11.339 | 113 | 28041m | 24.297 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.657 | 107 | 96742 | 28.468 | ng/ul | 96 |
| 36) 2-Methylnaphthalene | 12.021 | 142 | 222548 | 28.286 | ng/ul | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045276.D
Acq On : 16 Apr 2024 11:23
Operator : MA/JU
Sample : PB160228BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 16 12:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS228

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.245 | 142 | 226954 | 28.505 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.392 | 216 | 111429 | 28.909 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.357 | 237 | 59845 | 25.648 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.651 | 196 | 74221 | 29.518 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.727 | 196 | 81074 | 29.264 | ng/ul | 92 |
| 43) 1,1'-Biphenyl | 13.057 | 154 | 284744 | 28.610 | ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.098 | 162 | 222745 | 27.548 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.327 | 65 | 66358 | 29.730 | ng/ul | 95 |
| 47) Dimethylphthalate | 13.710 | 163 | 288465 | 28.123 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.839 | 165 | 57305 | 28.504 | ng/ul# | 87 |
| 50) Acenaphthylene | 13.951 | 152 | 364881 | 26.948 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.168 | 138 | 56351 | 25.696 | ng/ul | 90 |
| 52) Acenaphthene | 14.292 | 153 | 245471 | 27.169 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.386 | 184 | 28276 | 23.657 | ng/ul | 85 |
| 55) 4-Nitrophenol | 14.486 | 109 | 45949 | 25.510 | ng/ul | 85 |
| 56) Dibenzofuran | 14.639 | 168 | 330553 | 26.736 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.633 | 165 | 79773 | 26.508 | ng/ul# | 82 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.868 | 232 | 67247 | 28.361 | ng/ul | 98 |
| 59) Diethylphthalate | 15.080 | 149 | 307673 | 29.402 | ng/ul | 98 |
| 61) Fluorene | 15.292 | 166 | 269466 | 25.859 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.292 | 204 | 125350 | 25.664 | ng/ul | 93 |
| 63) 4-Nitroaniline | 15.345 | 138 | 52569 | 26.367 | ng/ul | 87 |
| 66) 4,6-Dinitro-2-methylph... | 15.392 | 198 | 46381 | 25.972 | ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 15.515 | 169 | 228210 | 30.079 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.192 | 248 | 83770 | 30.583 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.286 | 284 | 101212 | 28.406 | ng/ul# | 91 |
| 70) Atrazine | 16.480 | 200 | 81629 | 29.250 | ng/ul | 92 |
| 71) Pentachlorophenol | 16.645 | 266 | 56565 | 26.135 | ng/ul | 98 |
| 72) Phenanthrene | 17.033 | 178 | 419964 | 27.748 | ng/ul | 99 |
| 74) Anthracene | 17.127 | 178 | 423532 | 27.357 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.010 | 216 | 110253 | 31.103 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.545 | 250 | 111405 | 29.538 | ng/uL | 99 |
| 77) Carbazole | 17.409 | 167 | 390666 | 26.170 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.980 | 149 | 540872 | 32.128 | ng/ul | 98 |
| 80) Fluoranthene | 19.062 | 202 | 475050 | 30.954 | ng/ul | 99 |
| 82) Pyrene | 19.427 | 202 | 514443 | 31.063 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.356 | 149 | 237573 | 34.239 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.133 | 252 | 164202 | 27.946 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.186 | 228 | 494662 | 27.588 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.133 | 149 | 373596 | 34.446 | ng/ul | 97 |
| 87) Chrysene | 21.238 | 228 | 473623 | 28.336 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.009 | 149 | 654252 | 31.312 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.750 | 252 | 545381 | 28.177 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.791 | 252 | 544498 | 27.949 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.309 | 252 | 478850 | 25.420 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 25.603 | 276 | 719430 | 29.483 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.621 | 278 | 586852 | 28.765 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 26.273 | 276 | 565943 | 29.399 | ng/ul | 97 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045276.D
Acq On : 16 Apr 2024 11:23
Operator : MA/JU
Sample : PB160228BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 16 12:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS228

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024