Quantitation Report (Qedit)

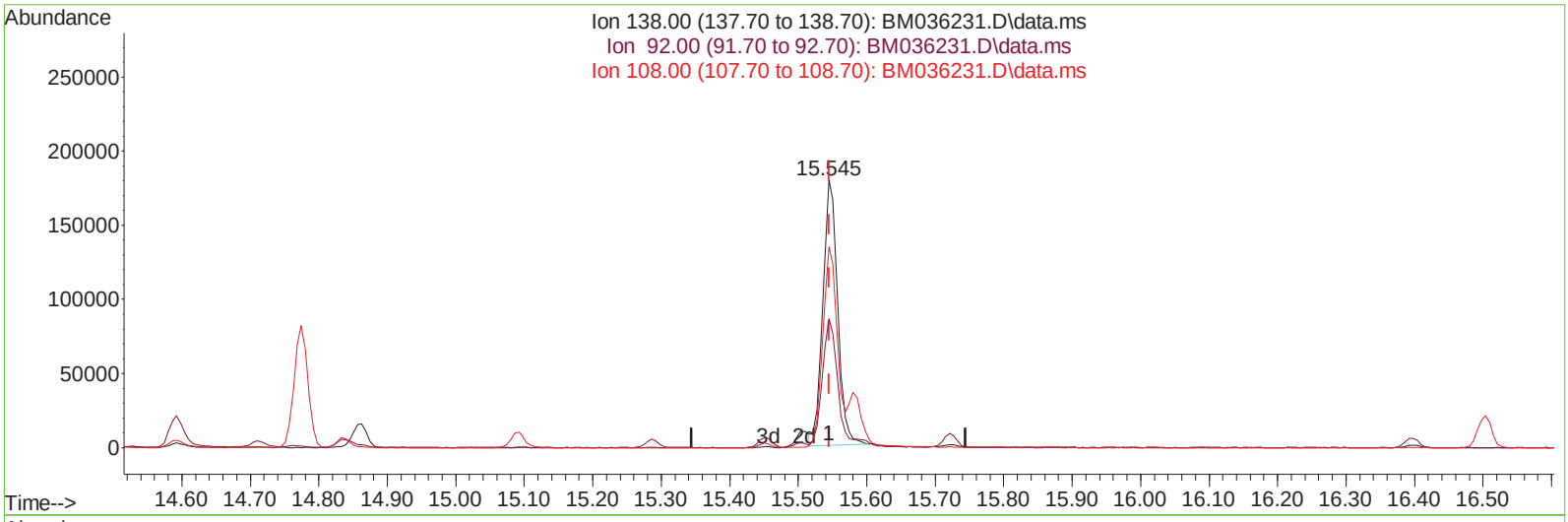
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
Data File : BM036231.D
Acq On : 12 Aug 2022 15:40
Operator : CG/JU
Sample : PB146936BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

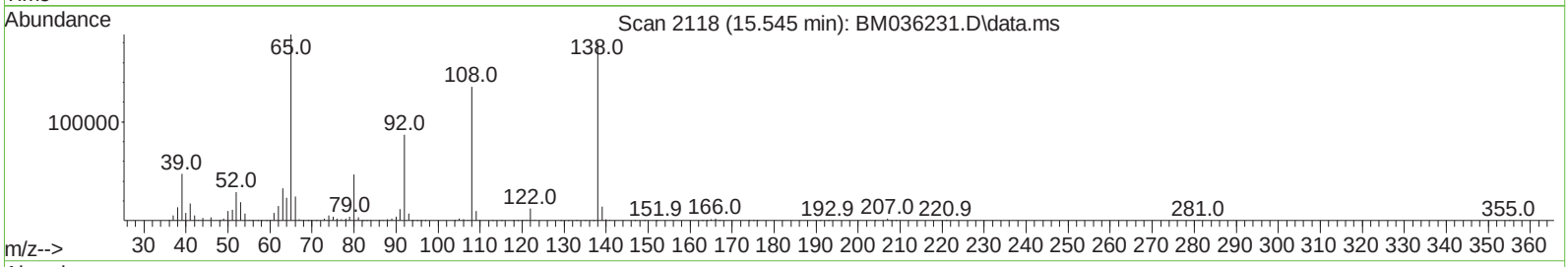
Quant Time: Aug 12 17:12:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 11:23:11 2022
Response via : Initial Calibration

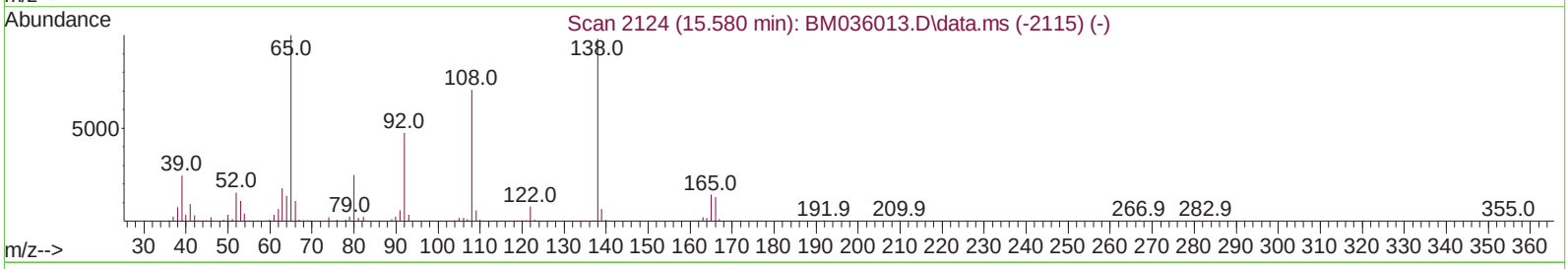
**Instrument :**
BNA_M
**ClientSampleId :**
SLCS936

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/13/2022
Supervised By :Sohil Jodhani 08/13/2022




TIC: BM036231.D\data.ms

**(63) 4-Nitroaniline**

**15.545min (-0.000) 37.64 ng/ul**

**response 269141**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.00 | 48.34 |
| 108.00 | 64.50 | 75.17 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
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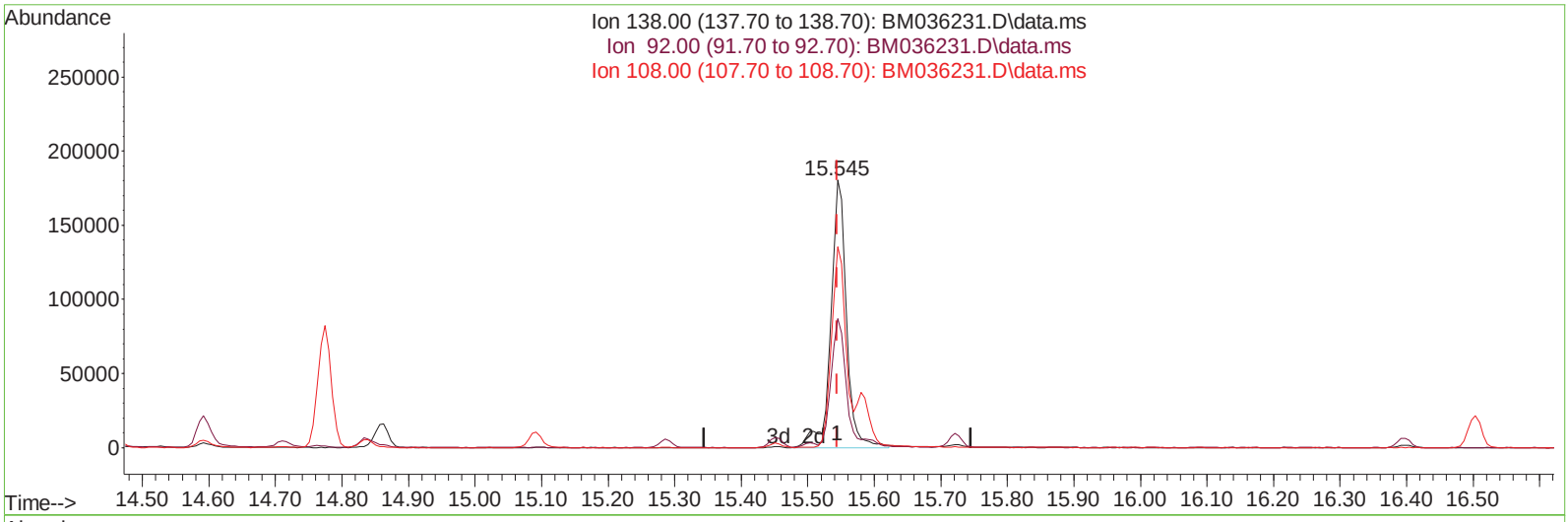


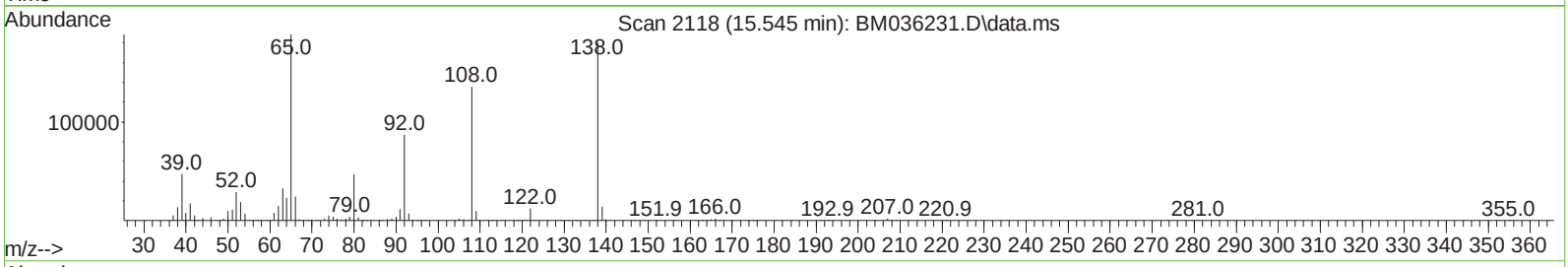


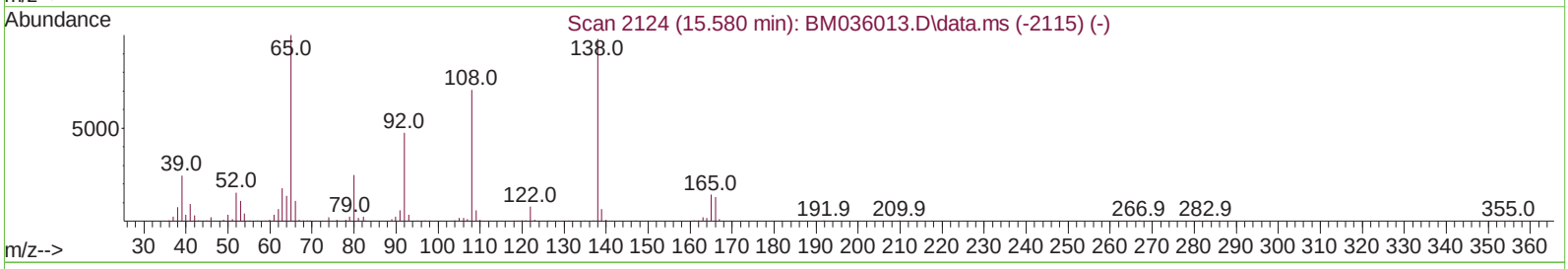


TIC: BM036231.D\data.ms

**(63) 4-Nitroaniline**

**15.545min (-0.000) 41.37 ng/ul m**

**response 295797**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.00 | 48.34 |
| 108.00 | 64.50 | 75.17 |
| 0.00 | 0.00 | 0.00 |

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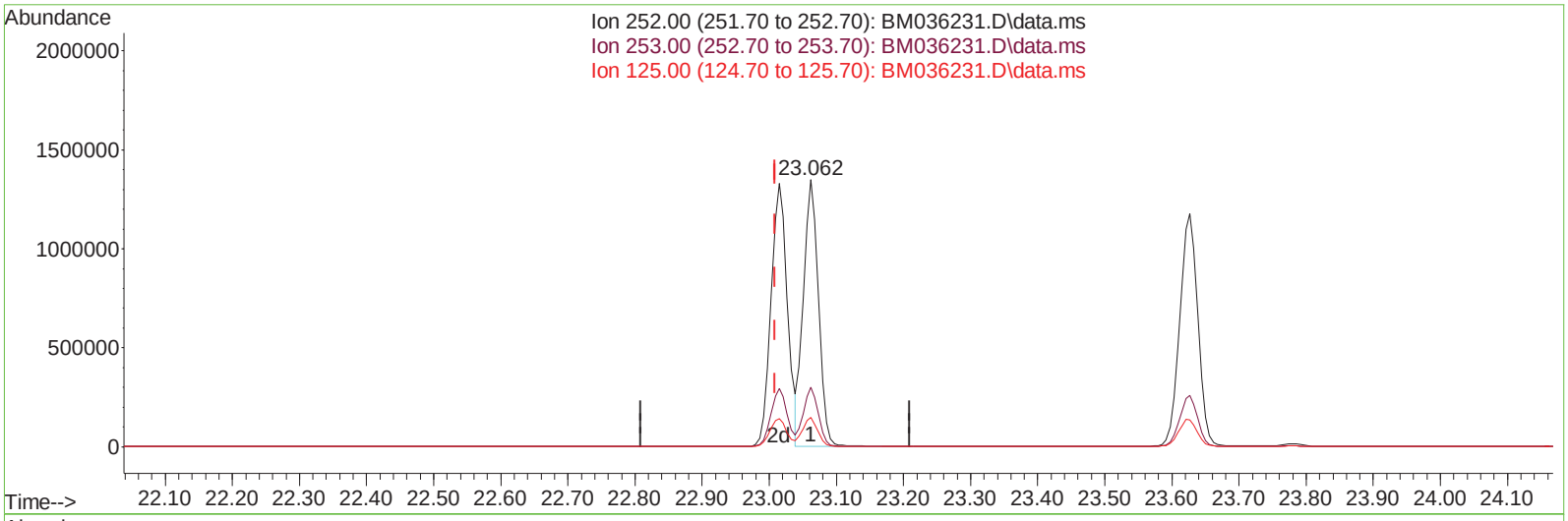


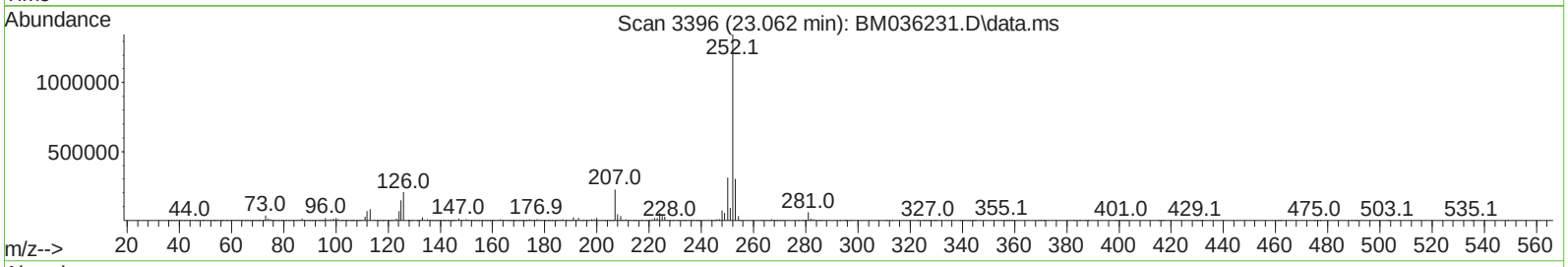


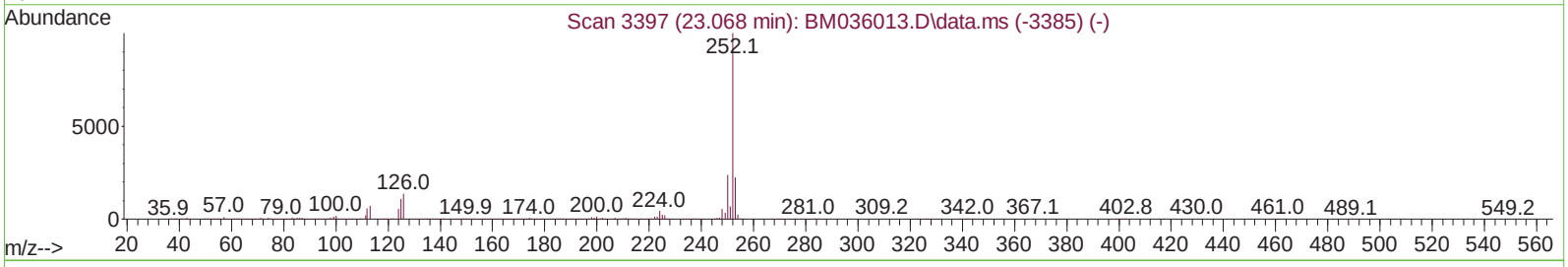


TIC: BM036231.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.062min (+ 0.053) 30.25 ng/ul**

**response 2113090**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.90 | 22.29 |
| 125.00 | 13.40 | 10.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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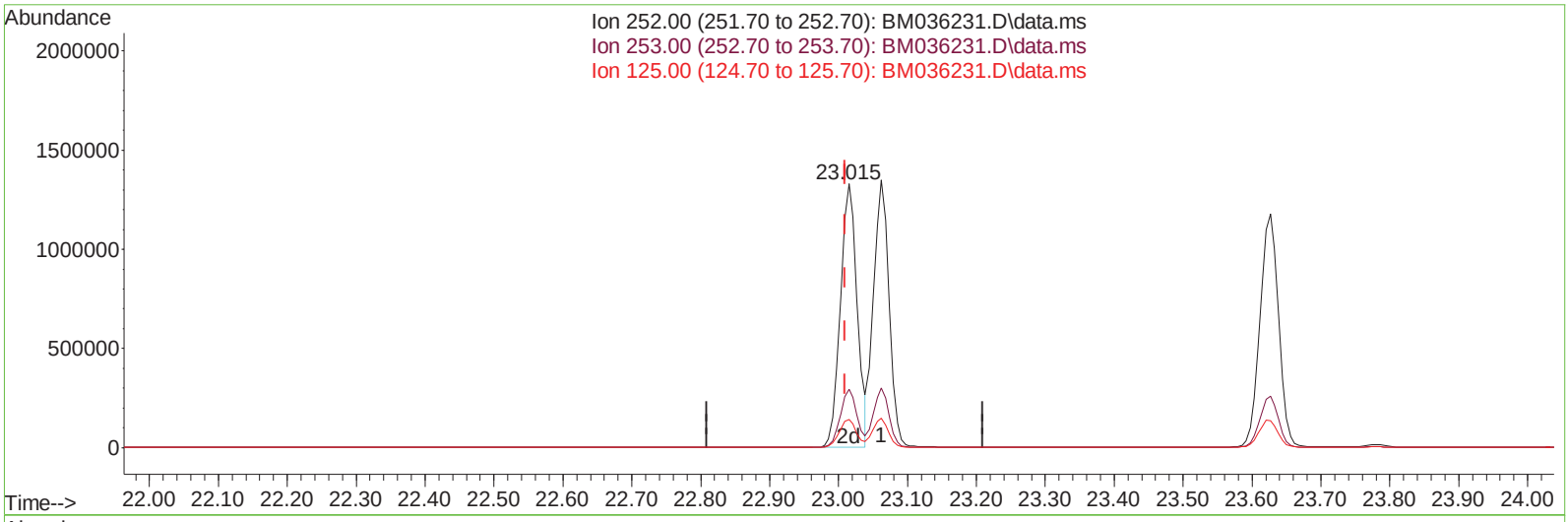
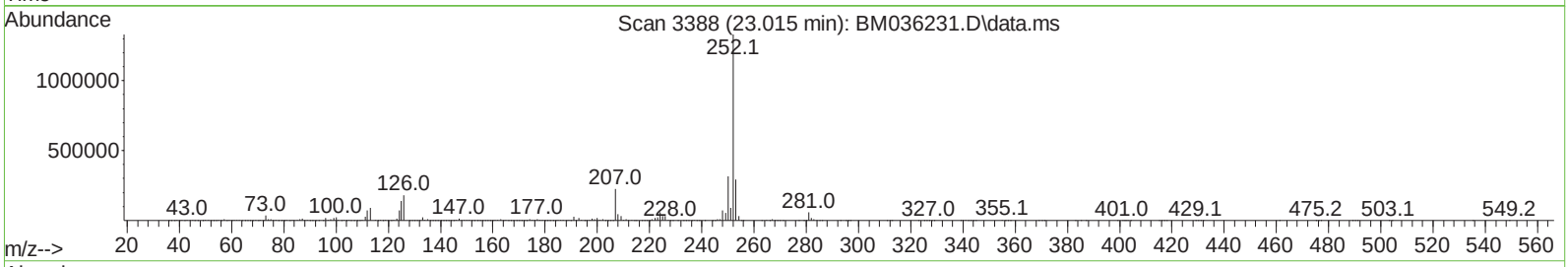
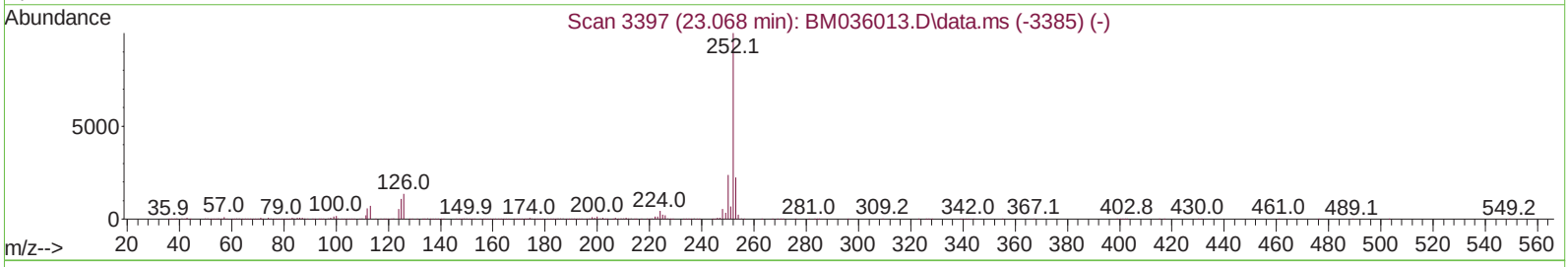
**Instrument :**
BNA_M
**ClientSampleId :**
SLCS936

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/13/2022
Supervised By :Sohil Jodhani 08/13/2022




TIC: BM036231.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.015min (+ 0.006) 32.44 ng/ul m**

**response 2266304**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.90 | 22.14 |
| 125.00 | 13.40 | 10.56# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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**Instrument :**
BNA_M
**ClientSampleId :**
SLCS936

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/13/2022
Supervised By :Sohil Jodhani 08/13/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.816 | 152 | 210608 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 877041 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.463 | 164 | 516620 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.204 | 188 | 1022314 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.386 | 240 | 1002095 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.727 | 264 | 1046647 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.216 | 96 | 33440 | 5.975 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.646 | 84 | 347066 | 22.635 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.010 | 99 | 581667 | 32.934 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.151 | 67 | 348718 | 29.618 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.351 | 132 | 479921 | 32.737 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.551 | 113 | 440442 | 30.783 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.986 | 128 | 233118 | 33.543 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 246708 | 36.436 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.257 | 165 | 432344 | 35.305 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.769 | 131 | 484795 | 23.385 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.880 | 166 | 1166376 | 33.144 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.157 | 160 | 1442230 | 32.121 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.698 | 143 | 227629 | 31.499 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.451 | 176 | 1053403 | 33.126 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 200 | 196058 | 35.678 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.304 | 188 | 1587631 | 34.350 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.598 | 212 | 1782172 | 32.089 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.574 | 264 | 1833272 | 34.501 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.252 | 88 | 70630 | 12.177 | ng/uL | 96 |
| 5) Pyridine | 3.663 | 79 | 453802 | 28.203 | ng/ul | 87 |
| 6) Benzaldehyde | 6.963 | 77 | 313240 | 42.258 | ng/ul | 95 |
| 8) Phenol | 7.034 | 94 | 596299 | 30.852 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.245 | 93 | 467131 | 30.063 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.387 | 128 | 488632 | 32.492 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.281 | 108 | 443039 | 30.684 | ng/ul | 94 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.357 | 45 | 597338 | 29.124 | ng/ul | 96 |
| 16) Acetophenone | 8.651 | 105 | 698597 | 30.411 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.633 | 70 | 343068 | 29.947 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.616 | 108 | 480116 | 30.996 | ng/ul | 95 |
| 19) Hexachloroethane | 8.892 | 117 | 198755 | 32.032 | ng/ul | 93 |
| 22) Nitrobenzene | 9.028 | 77 | 505037 | 31.756 | ng/ul | 99 |
| 23) Isophorone | 9.557 | 82 | 937923 | 31.242 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.739 | 139 | 265876 | 35.394 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.810 | 107 | 502131 | 32.713 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.039 | 93 | 602370 | 31.814 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.280 | 162 | 432298 | 34.011 | ng/ul | 99 |
| 30) Naphthalene | 10.669 | 128 | 1509063 | 32.598 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.792 | 127 | 555769 | 26.987 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.945 | 225 | 262077 | 33.400 | ng/ul | 99 |
| 34) Caprolactam | 11.586 | 113 | 130217 | 30.999 | ng/ul | 90 |
| 35) 4-Chloro-3-methylphenol | 11.933 | 107 | 443116 | 33.527 | ng/ul | 95 |

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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.286 | 142 | 977810 | 32.285 ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.504 | 142 | 979949 | 32.099 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.651 | 216 | 476576 | 32.407 ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.621 | 237 | 251060 | 25.633 ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.904 | 196 | 318597 | 33.854 ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.980 | 196 | 337134 | 33.573 ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.298 | 154 | 1281570 | 32.229 ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.339 | 162 | 988928 | 32.406 ng/ul | 98 |
| 45) 2-Nitroaniline | 13.557 | 65 | 274695 | 32.650 ng/ul | 97 |
| 47) Dimethylphthalate | 13.927 | 163 | 1176296 | 33.231 ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.051 | 165 | 238210 | 33.896 ng/ul | 95 |
| 50) Acenaphthylene | 14.186 | 152 | 1635553 | 32.929 ng/ul | 99 |
| 51) 3-Nitroaniline | 14.386 | 138 | 273224 | 35.179 ng/ul | 96 |
| 52) Acenaphthene | 14.527 | 153 | 1052535 | 32.664 ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.592 | 184 | 126186 | 31.624 ng/ul | 96 |
| 55) 4-Nitrophenol | 14.710 | 109 | 166144 | 30.061 ng/ul | 83 |
| 56) Dibenzofuran | 14.863 | 168 | 1467411 | 32.913 ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.839 | 165 | 345106 | 34.837 ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.092 | 232 | 264846 | 33.568 ng/ul# | 95 |
| 59) Diethylphthalate | 15.286 | 149 | 1193270 | 33.327 ng/ul | 100 |
| 61) Fluorene | 15.510 | 166 | 1187157 | 32.595 ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.504 | 204 | 554541 | 31.778 ng/ul | 98 |
| 63) 4-Nitroaniline | 15.545 | 138 | 295797m | 41.369 ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.598 | 198 | 195489 | 35.551 ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.721 | 169 | 983901 | 32.737 ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.398 | 248 | 324324 | 32.360 ng/ul | 99 |
| 69) Hexachlorobenzene | 16.504 | 284 | 399672 | 32.729 ng/ul | 99 |
| 70) Atrazine | 16.674 | 200 | 260890 | 25.027 ng/ul | 98 |
| 71) Pentachlorophenol | 16.857 | 266 | 217434 | 29.146 ng/ul | 97 |
| 72) Phenanthrene | 17.245 | 178 | 1825471 | 33.316 ng/ul | 99 |
| 74) Anthracene | 17.339 | 178 | 1850896 | 33.664 ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216 | 471753 | 29.674 ng/uL | 97 |
| 76) Pentachlorobenzene | 14.774 | 250 | 464229 | 32.213 ng/uL | 99 |
| 77) Carbazole | 17.615 | 167 | 1743850 | 34.341 ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.174 | 149 | 1998490 | 34.881 ng/ul | 100 |
| 80) Fluoranthene | 19.262 | 202 | 2125134 | 32.026 ng/ul | 97 |
| 82) Pyrene | 19.627 | 202 | 2206804 | 32.266 ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.527 | 149 | 896756 | 36.050 ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.309 | 252 | 777934 | 42.069 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.374 | 228 | 2103776 | 33.354 ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.303 | 149 | 1287287 | 35.815 ng/ul | 100 |
| 87) Chrysene | 21.427 | 228 | 2055554 | 33.401 ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.209 | 149 | 2183175 | 32.300 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.015 | 252 | 2266304m | 32.445 ng/ul | |
| 91) Benzo(k)fluoranthene | 23.062 | 252 | 2113090 | 31.879 ng/ul | 97 |
| 93) Benzo(a)pyrene | 23.627 | 252 | 2216227 | 33.310 ng/ul# | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 26.156 | 276 | 2637500 | 37.191 ng/ul# | 93 |
| 95) Dibenzo(a,h)anthracene | 26.174 | 278 | 2269072 | 37.294 ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 26.903 | 276 | 2239304 | 38.104 ng/ul | 95 |

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

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