Quantitation Report (Qedit)

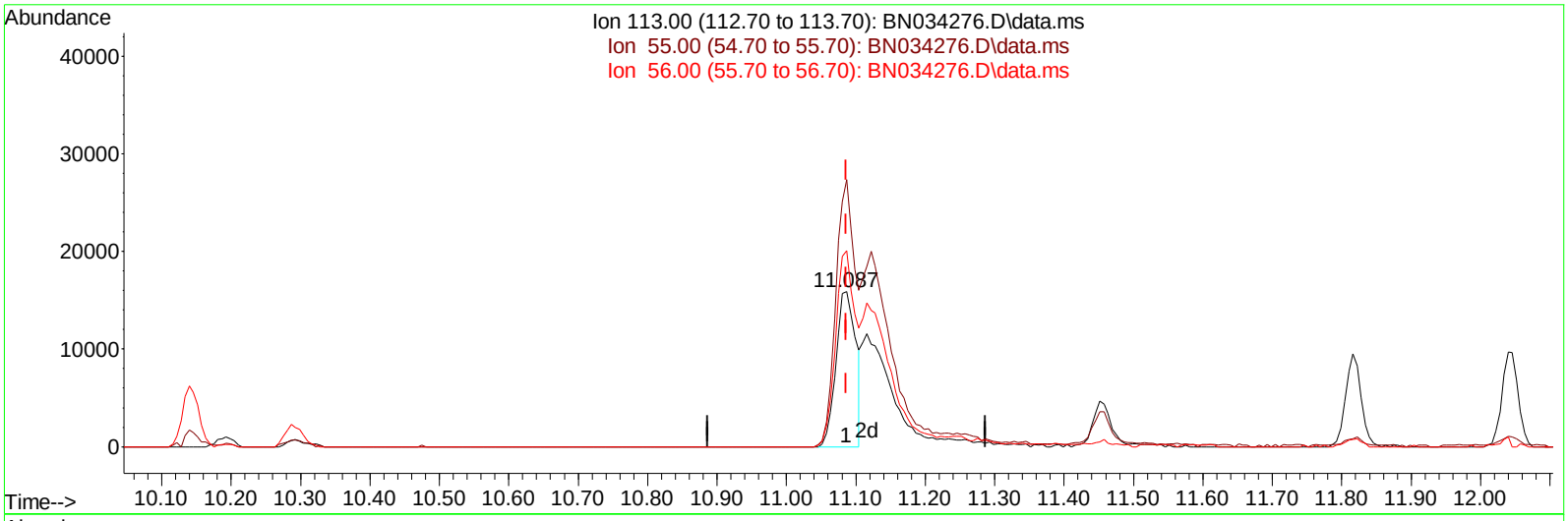
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034276.D
Acq On : 30 Sep 2024 13:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

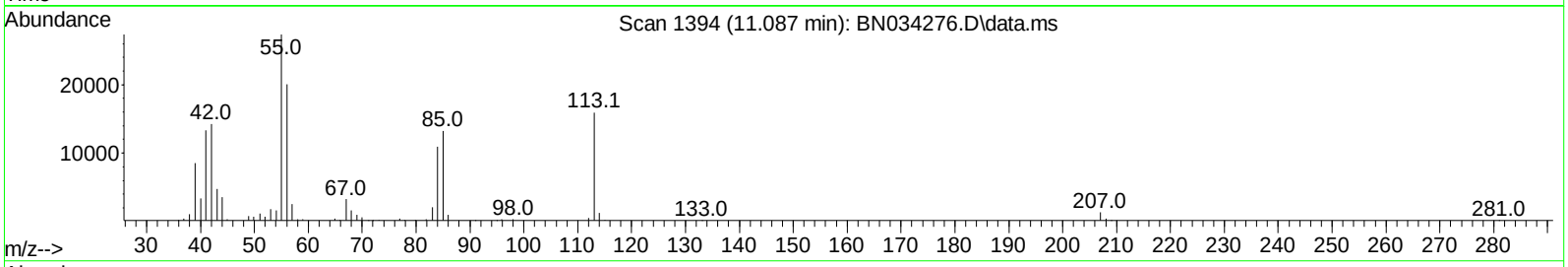
Quant Time: Sep 30 15:23:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

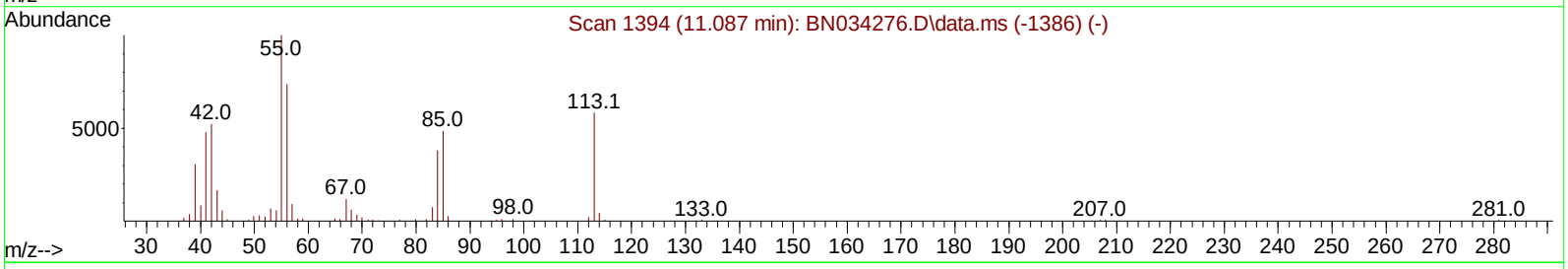
**Instrument :**
BNA_N
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024




TIC: BN034276.D\data.ms

**(34) Caprolactam**

**11.087min ( 0.000) 5.87 ng/ul**

**response 31805**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 171.30 | 171.70 |
| 56.00 | 124.60 | 126.07 |
| 0.00 | 0.00 | 0.00 |

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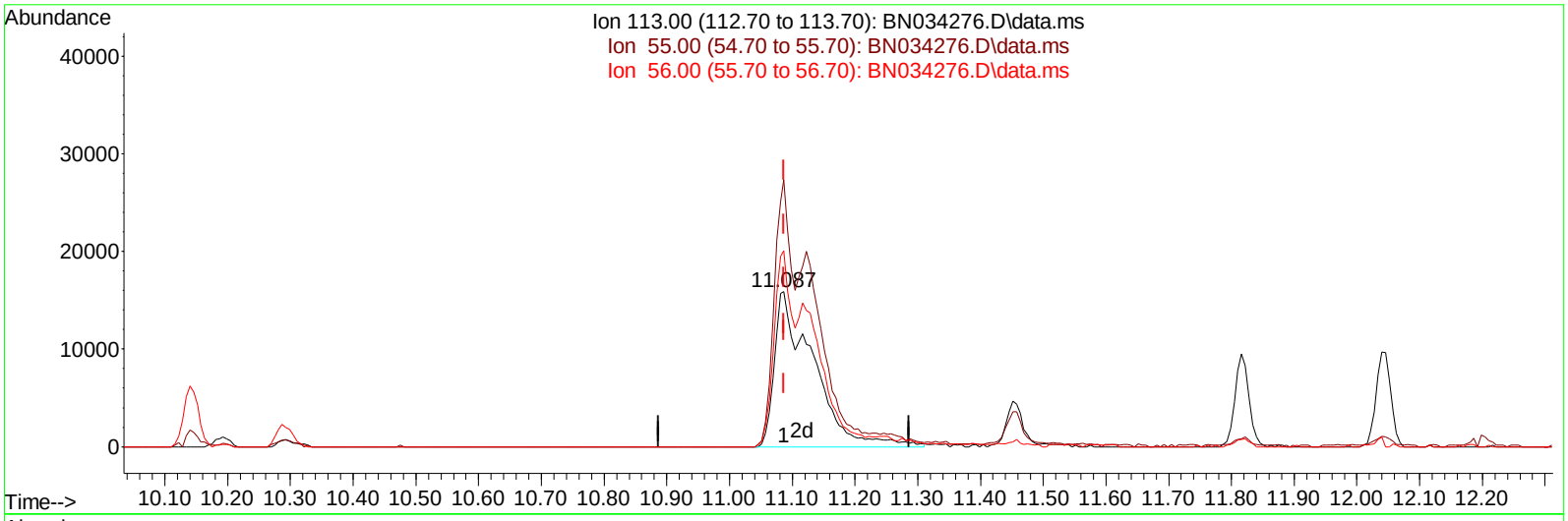


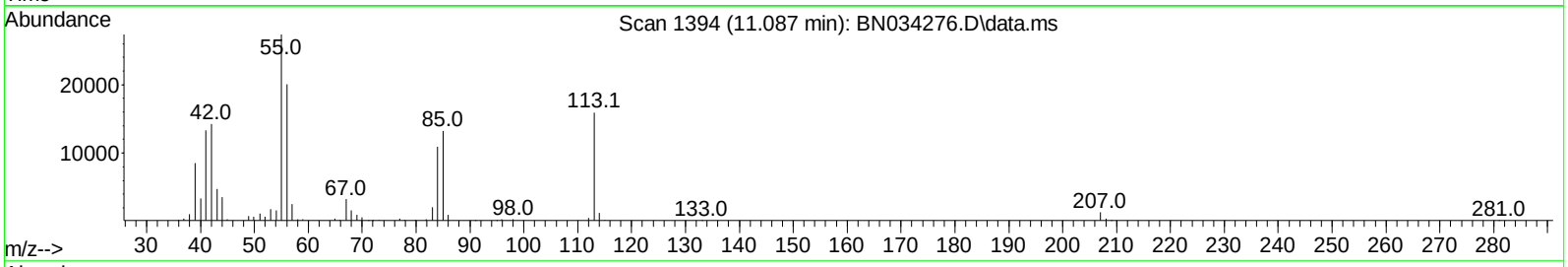


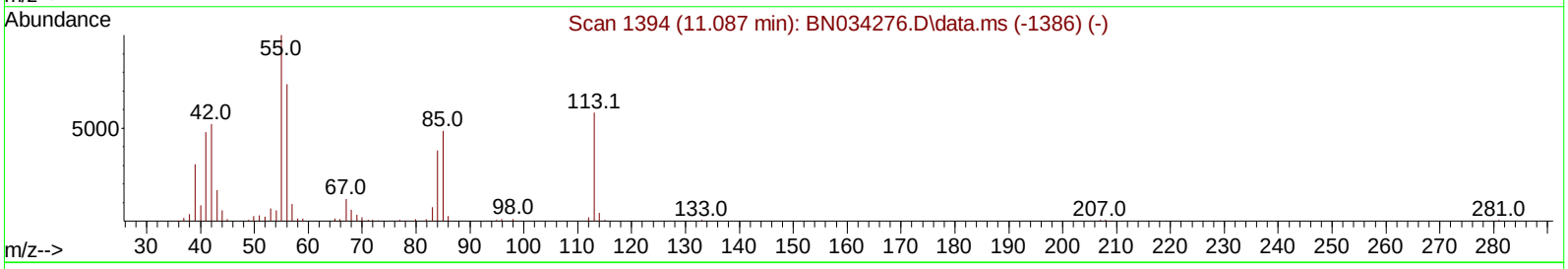


TIC: BN034276.D\data.ms

**(34) Caprolactam**

**11.087min ( 0.000) 12.66 ng/ul m**

**response 68557**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 171.30 | 171.70 |
| 56.00 | 124.60 | 126.07 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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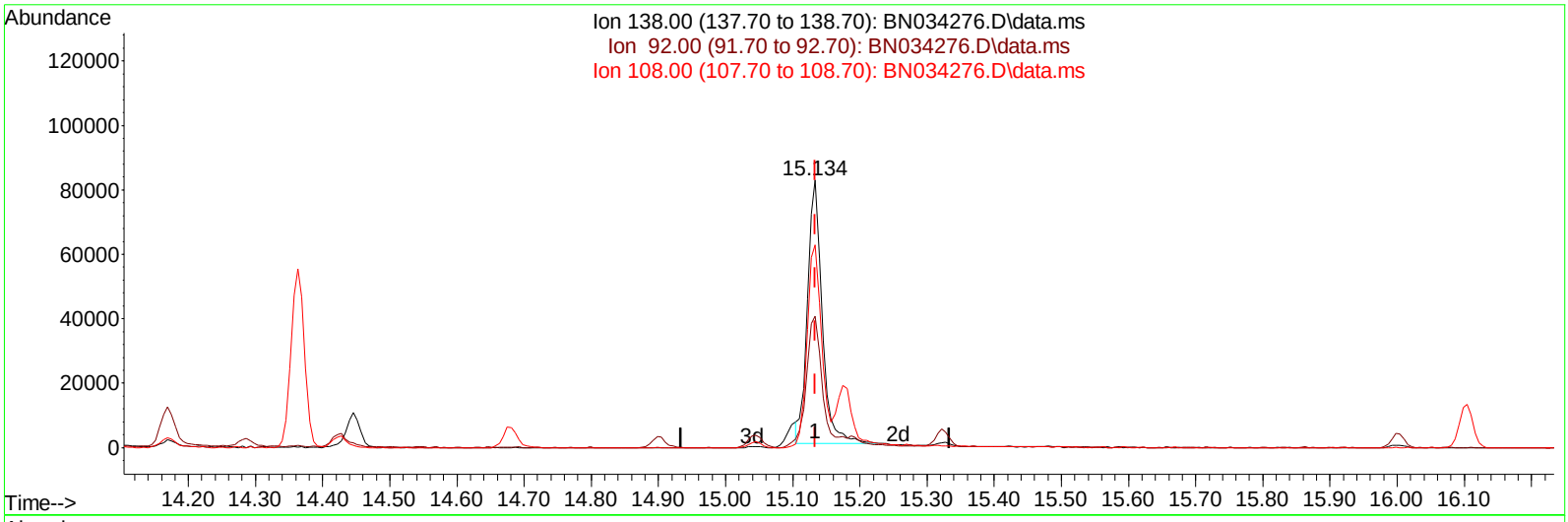


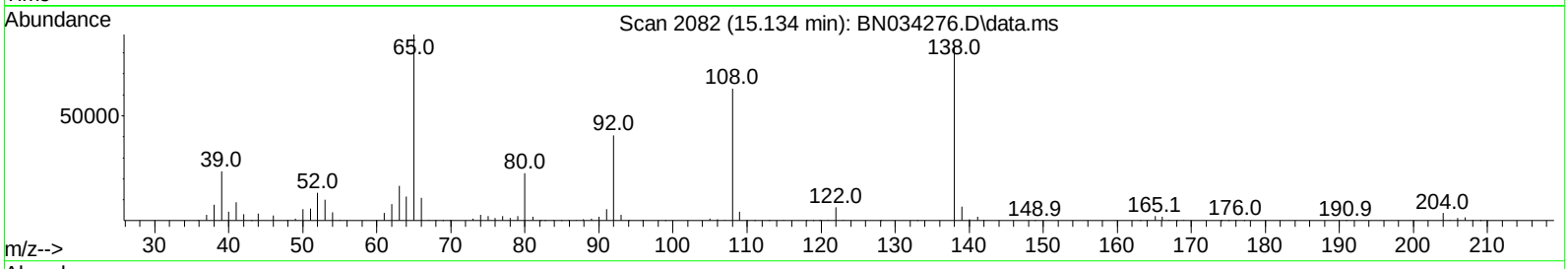


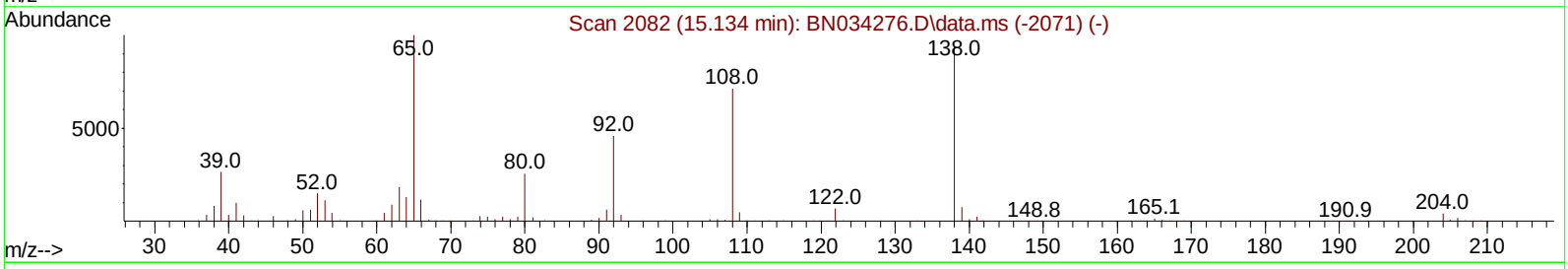


TIC: BN034276.D\data.ms

**(63) 4-Nitroaniline**

**15.134min ( 0.000) 13.90 ng/ul**

**response 124575**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 53.70 | 49.10 |
| 108.00 | 83.70 | 75.75 |
| 0.00 | 0.00 | 0.00 |

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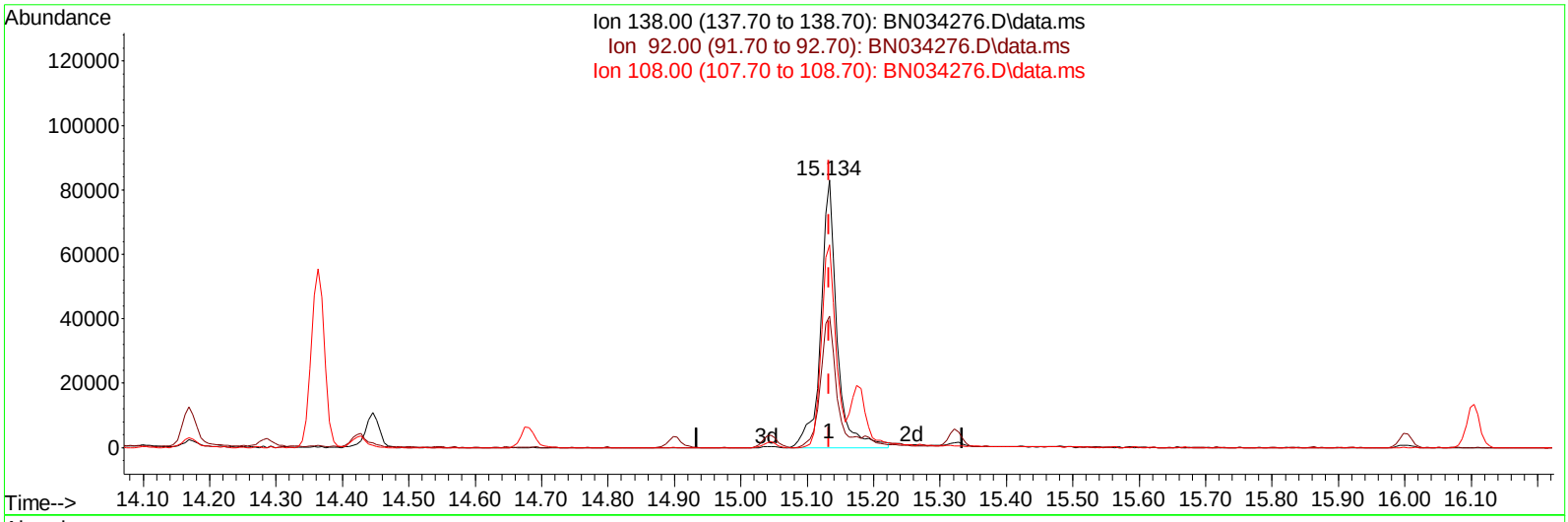
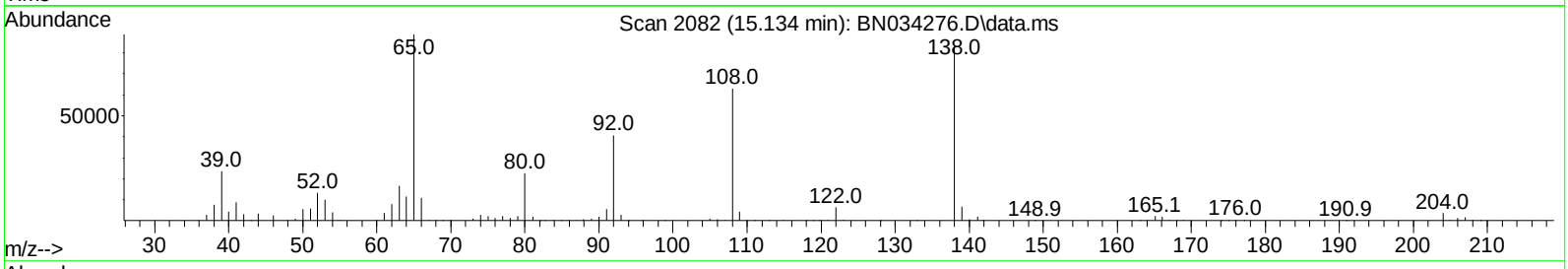
Response via : Initial Calibration

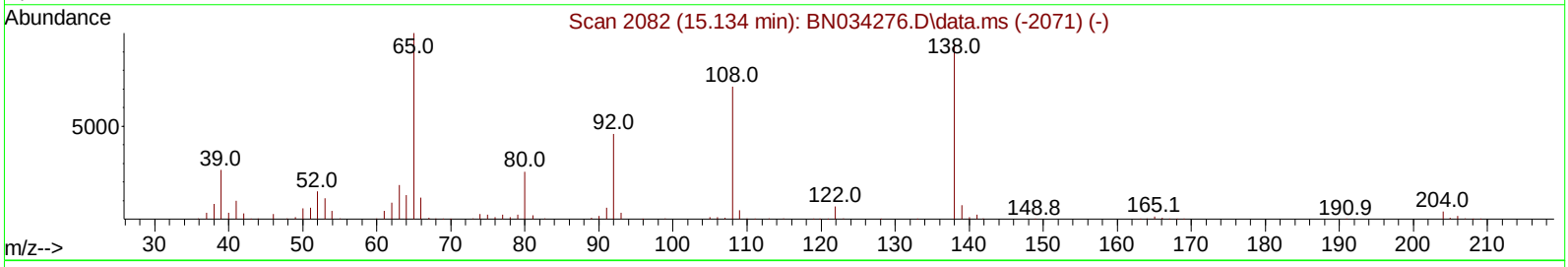
**Instrument :**
BNA_N
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024




TIC: BN034276.D\data.ms

**(63) 4-Nitroaniline**

**15.134min ( 0.000) 15.80 ng/ul m**

**response 141540**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 53.70 | 49.10 |
| 108.00 | 83.70 | 75.75 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.387 | 152 | 219792 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.140 | 136 | 870254 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.040 | 164 | 525389 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.798 | 188 | 1020922 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.033 | 240 | 892748 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.739 | 264 | 1021122 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.999 | 96 | 41973 | 7.793 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.387 | 84 | 257465 | 16.082 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.581 | 99 | 328321 | 16.831 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.740 | 67 | 221081 | 18.267 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 6.928 | 132 | 298319 | 19.429 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.105 | 113 | 260804 | 16.249 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.528 | 128 | 138168 | 19.919 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.240 | 143 | 135103 | 18.941 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.775 | 165 | 269429 | 20.057 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.293 | 131 | 351616 | 17.290 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.469 | 166 | 720004 | 18.337 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.728 | 160 | 855236 | 19.362 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.275 | 143 | 119306 | 14.806 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.045 | 176 | 627021 | 18.843 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.175 | 200 | 100086 | 16.442 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 16.898 | 188 | 934519 | 19.470 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.210 | 212 | 1038434 | 20.877 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.557 | 264 | 1055548 | 20.124 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.034 | 88 | 44049 | 7.753 | ng/uL | 94 |
| 5) Pyridine | 3.405 | 79 | 270051 | 16.484 | ng/ul | 96 |
| 6) Benzaldehyde | 6.546 | 77 | 212137 | 20.602 | ng/ul | 96 |
| 8) Phenol | 6.611 | 94 | 343022 | 16.890 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 6.834 | 93 | 290036 | 18.375 | ng/ul | 99 |
| 12) 2-Chlorophenol | 6.958 | 128 | 300750 | 19.113 | ng/ul | 96 |
| 13) 2-Methylphenol | 7.840 | 108 | 258506 | 17.030 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 7.910 | 45 | 436508 | 18.751 | ng/ul | 98 |
| 16) Acetophenone | 8.205 | 105 | 413254 | 16.253 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.199 | 70 | 199033 | 15.808 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.163 | 108 | 279957 | 16.571 | ng/ul | 98 |
| 19) Hexachloroethane | 8.440 | 117 | 128556 | 19.370 | ng/ul | 92 |
| 22) Nitrobenzene | 8.569 | 77 | 329185 | 18.961 | ng/ul | 97 |
| 23) Isophorone | 9.099 | 82 | 534788 | 16.704 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.275 | 139 | 153421 | 19.219 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 9.352 | 107 | 295002 | 17.962 | ng/ul | 93 |
| 27) Bis(2-Chloroethoxy)met... | 9.587 | 93 | 372254 | 18.897 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 9.804 | 162 | 271337 | 19.949 | ng/ul | 97 |
| 30) Naphthalene | 10.193 | 128 | 919538 | 19.317 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.316 | 127 | 341165 | 17.024 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.487 | 225 | 182285 | 20.890 | ng/ul | 97 |
| 34) Caprolactam | 11.087 | 113 | 68557m | 12.660 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.451 | 107 | 261925 | 16.357 | ng/ul | 93 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 11.816 | 142 | 620347 | 18.919 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.040 | 142 | 616536 | 18.576 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.198 | 216 | 323941 | 21.357 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.181 | 237 | 213984 | 22.929 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.451 | 196 | 188192 | 18.716 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.522 | 196 | 229444 | 20.774 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 12.863 | 154 | 789423 | 19.930 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 12.898 | 162 | 613485 | 19.882 | ng/ul | 96 |
| 45) 2-Nitroaniline | 13.116 | 65 | 160775 | 16.124 | ng/ul | 94 |
| 47) Dimethylphthalate | 13.516 | 163 | 731663 | 18.284 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.634 | 165 | 145082 | 18.412 | ng/ul | 94 |
| 50) Acenaphthylene | 13.757 | 152 | 929434 | 19.229 | ng/ul | 99 |
| 51) 3-Nitroaniline | 13.957 | 138 | 149497 | 17.168 | ng/ul | 94 |
| 52) Acenaphthene | 14.104 | 153 | 662318 | 19.194 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.169 | 184 | 74283 | 16.027 | ng/ul | 89 |
| 55) 4-Nitrophenol | 14.287 | 109 | 93371 | 13.644 | ng/ul | 90 |
| 56) Dibenzofuran | 14.445 | 168 | 886819 | 18.793 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.428 | 165 | 208526 | 17.554 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.681 | 232 | 171635 | 18.727 | ng/ul | 99 |
| 59) Diethylphthalate | 14.898 | 149 | 727711 | 17.402 | ng/ul | 98 |
| 61) Fluorene | 15.098 | 166 | 721915 | 18.702 | ng/ul | 96 |
| 62) 4-Chlorophenyl-phenyle... | 15.104 | 204 | 348575 | 18.630 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.134 | 138 | 141540m | 15.795 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.192 | 198 | 116023 | 17.164 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.322 | 169 | 617012 | 20.169 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.004 | 248 | 214624 | 20.703 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.104 | 284 | 250108 | 20.786 | ng/ul | 97 |
| 70) Atrazine | 16.292 | 200 | 207612 | 18.730 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.457 | 266 | 148640 | 18.547 | ng/ul | 96 |
| 72) Phenanthrene | 16.839 | 178 | 1104082 | 19.613 | ng/ul | 99 |
| 74) Anthracene | 16.934 | 178 | 1097342 | 19.090 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 12.822 | 216 | 329442 | 23.186 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.363 | 250 | 317077 | 21.917 | ng/uL | 99 |
| 77) Carbazole | 17.210 | 167 | 1003270 | 18.963 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.798 | 149 | 1211259 | 18.010 | ng/ul | 99 |
| 80) Fluoranthene | 18.869 | 202 | 1225338 | 21.072 | ng/ul | 99 |
| 82) Pyrene | 19.239 | 202 | 1319425 | 21.106 | ng/ul | 95 |
| 83) Butylbenzylphthalate | 20.180 | 149 | 507155 | 18.090 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 20.957 | 252 | 362213 | 18.063 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.016 | 228 | 1244364 | 19.549 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 20.980 | 149 | 783981 | 19.106 | ng/ul | 98 |
| 87) Chrysene | 21.074 | 228 | 1193565 | 19.652 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.021 | 149 | 1248656 | 18.377 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.892 | 252 | 1244674 | 19.992 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.945 | 252 | 1268945 | 20.661 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.616 | 252 | 1178609 | 20.040 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.739 | 276 | 1511673 | 20.745 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.792 | 278 | 1228469 | 20.856 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.662 | 276 | 1162442 | 20.549 | ng/ul | 99 |

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

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