Quantitation Report (Qedit)

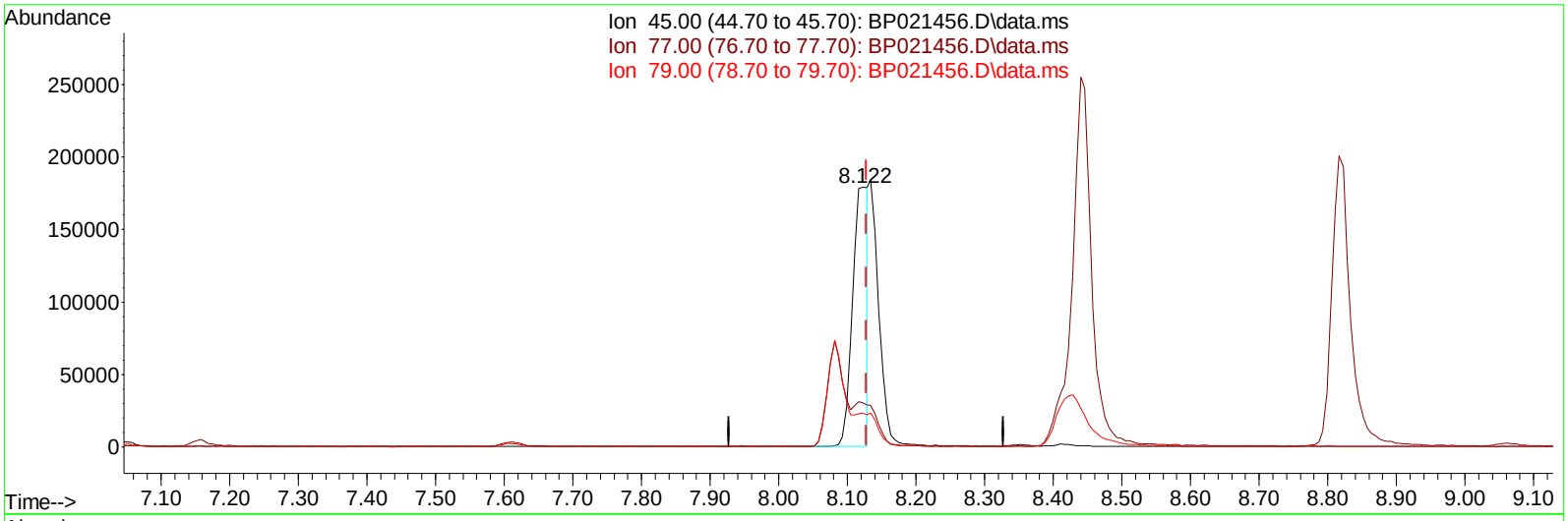
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021456.D
Acq On : 08 Aug 2024 20:10
Operator : RC/JU
Sample : PB162536BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

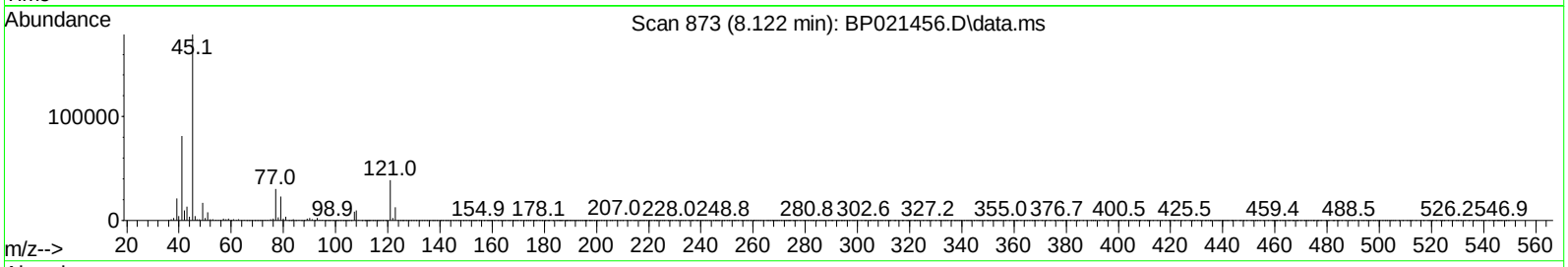
Quant Time: Aug 09 02:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration

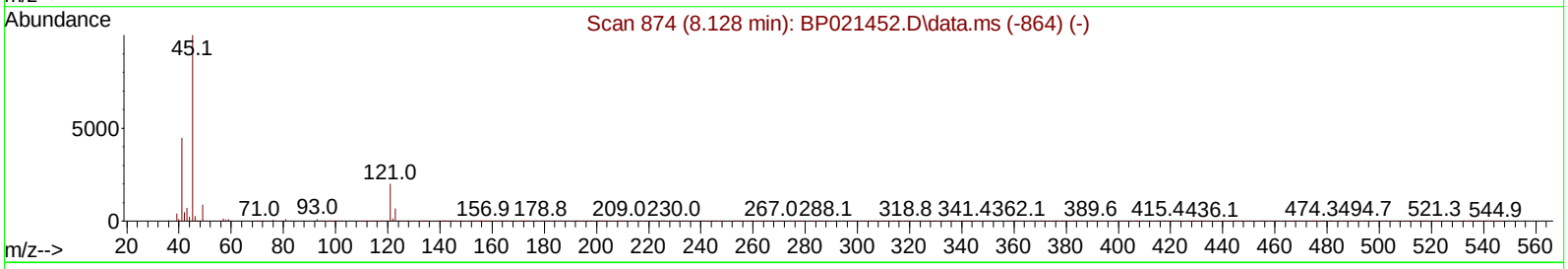
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS536

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024




TIC: BP021456.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.122min (-0.006) 16.45 ng/ul**

**response 275503**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.60 | 16.89# |
| 79.00 | 10.10 | 12.93# |
| 0.00 | 0.00 | 0.00 |

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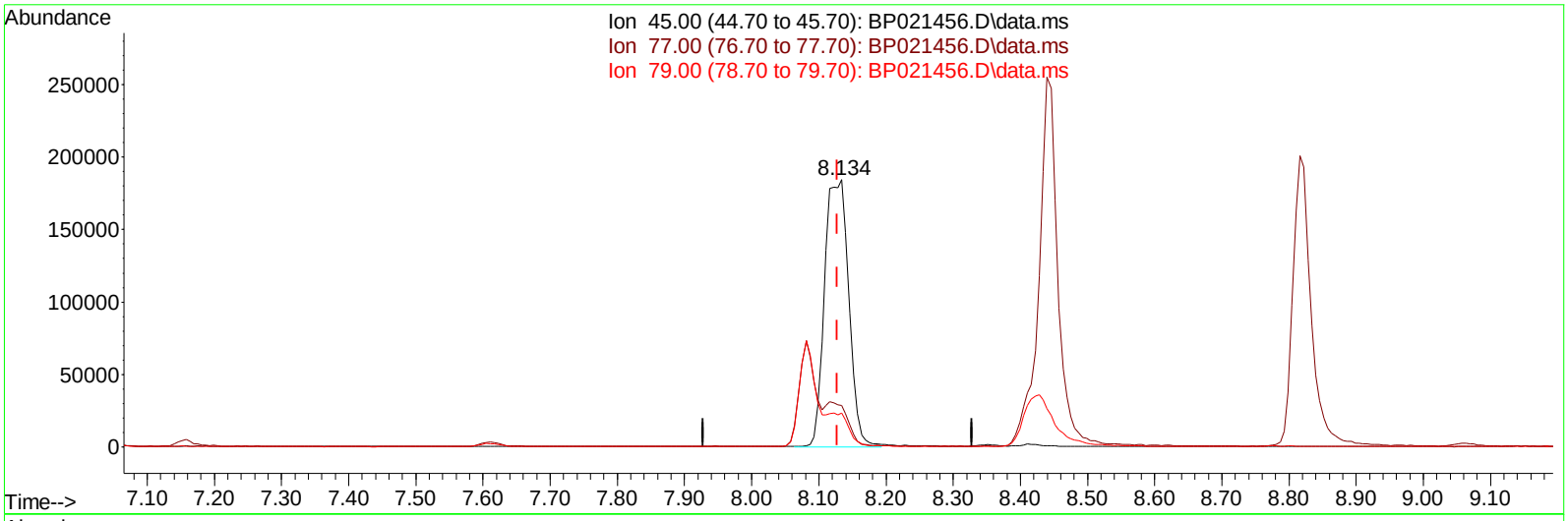


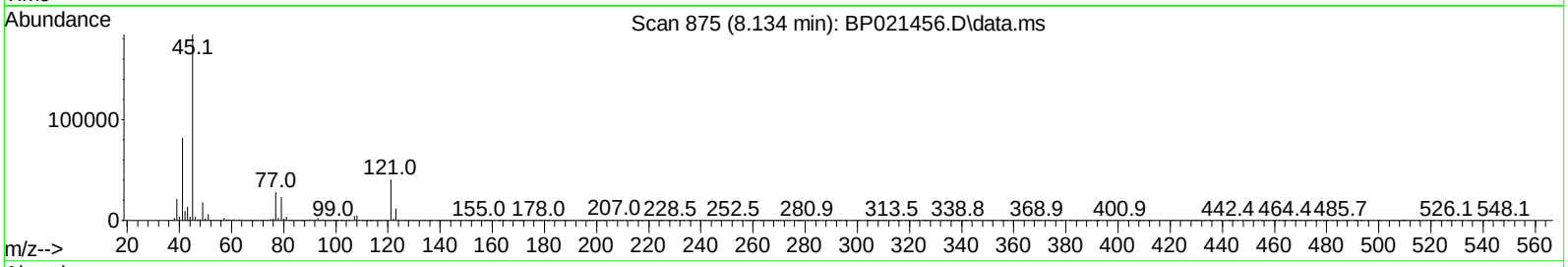


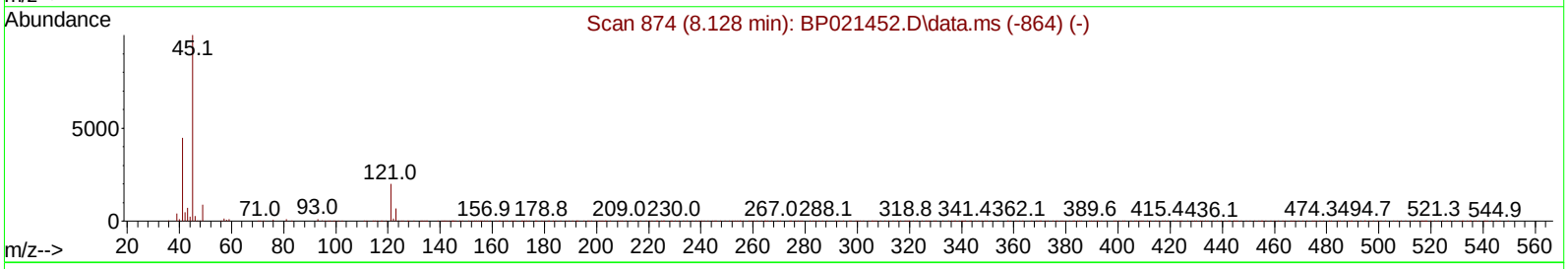


TIC: BP021456.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.134min (+ 0.006) 27.39 ng/ul m**

**response 458769**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.60 | 15.38 |
| 79.00 | 10.10 | 12.68# |
| 0.00 | 0.00 | 0.00 |

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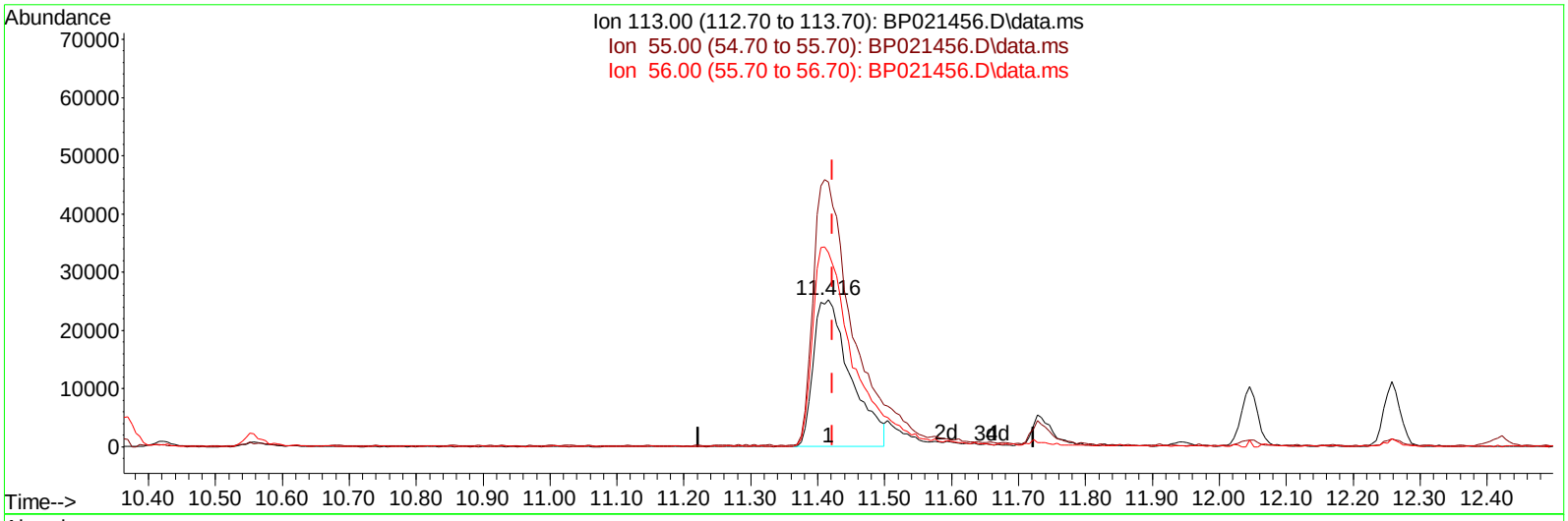


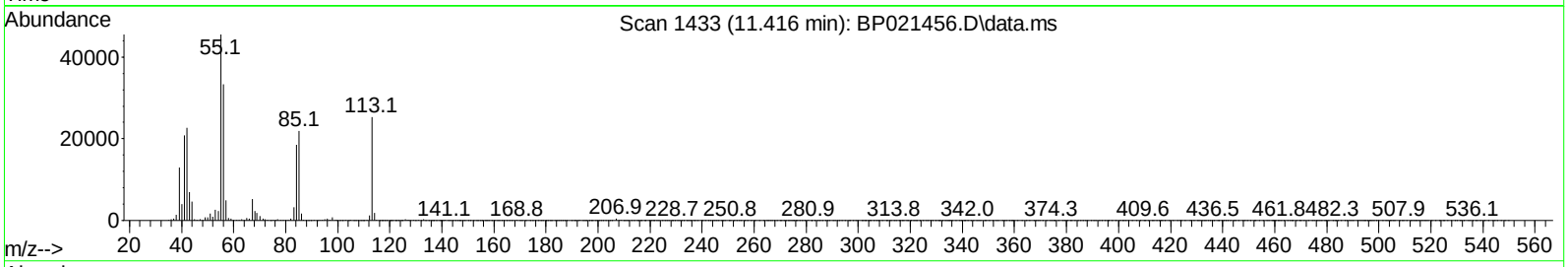


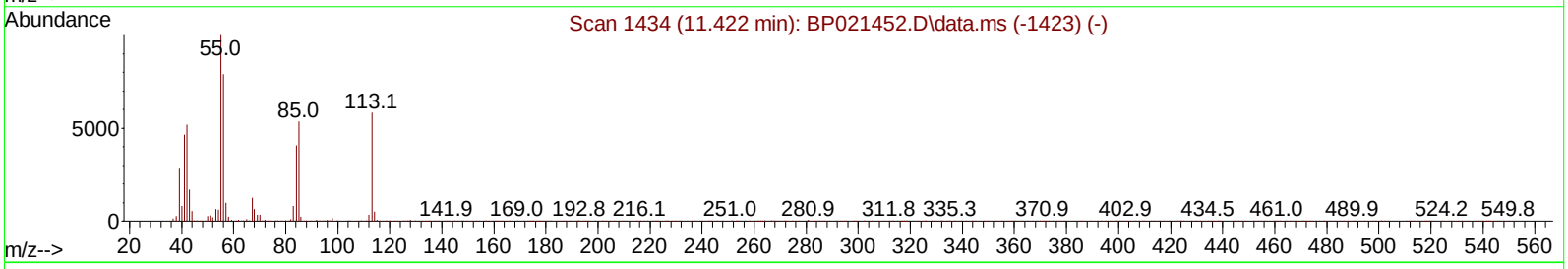


TIC: BP021456.D\data.ms

**(34) Caprolactam**

**11.416min (-0.006) 28.14 ng/ul**

**response 97195**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 175.30 | 180.29 |
| 56.00 | 131.90 | 131.98 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SLCS536

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/09/2024
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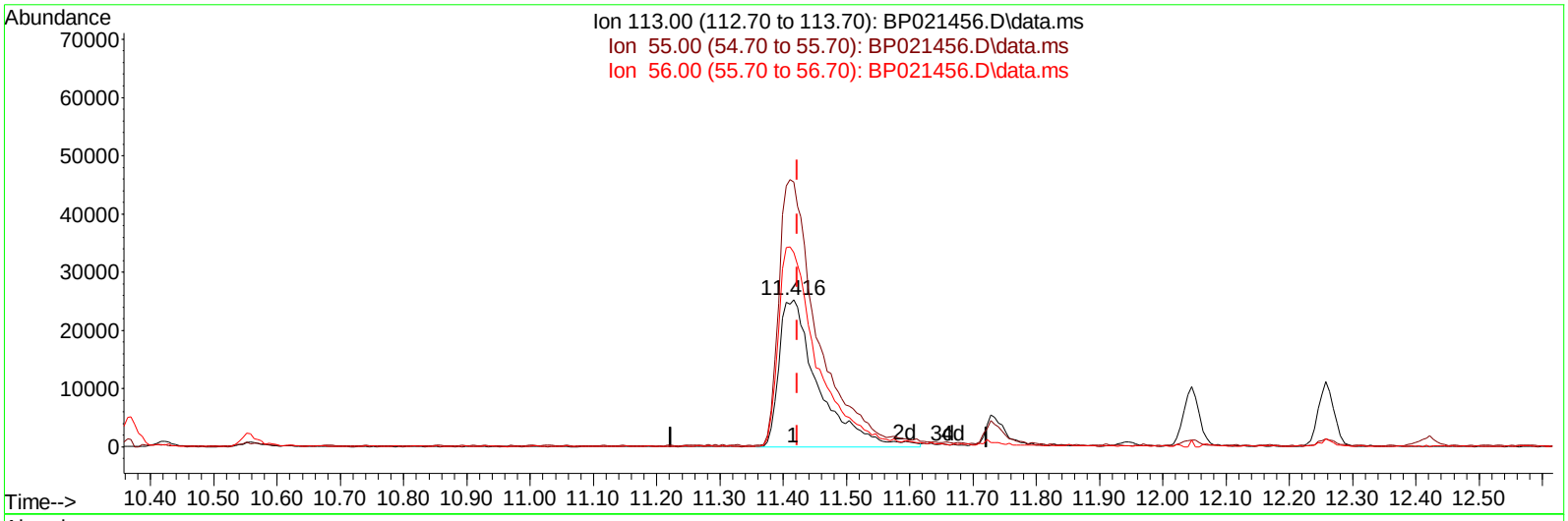


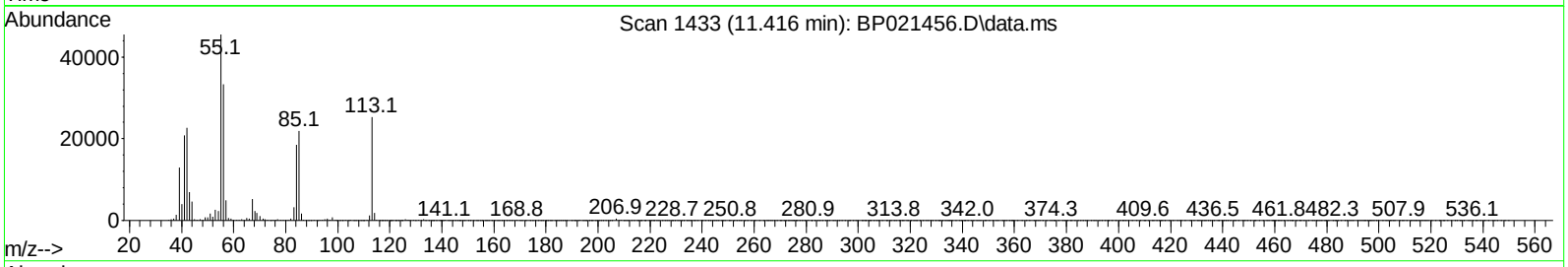


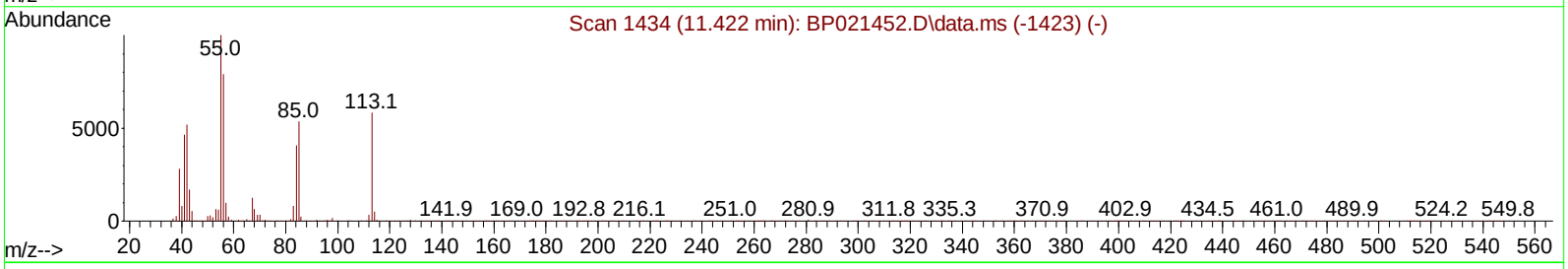


TIC: BP021456.D\data.ms

**(34) Caprolactam**

**11.416min (-0.006) 31.47 ng/ul m**

**response 108675**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 175.30 | 180.29 |
| 56.00 | 131.90 | 131.98 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Misc :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS536

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.611 | 152 | 170089 | 20.000 | ng/ul | 0.01 |
| 20) Naphthalene-d8 | 10.369 | 136 | 707632 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.246 | 164 | 469380 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.075 | 188 | 1022683 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.510 | 240 | 993903 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.786 | 264 | 1133750 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.152 | 96 | 23853 | 6.382 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.570 | 84 | 237088 | 21.910 | ng/ul | -0.01 |
| 7) Phenol-d5 | 6.828 | 99 | 379268 | 27.351 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.964 | 67 | 227903 | 27.119 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.158 | 132 | 305977 | 26.781 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.352 | 113 | 302488 | 26.264 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.781 | 128 | 148795 | 27.072 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.493 | 143 | 172643 | 27.444 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.040 | 165 | 308844 | 27.151 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 388148 | 25.757 | ng/ul | 0.02 |
| 46) Dimethylphthalate-d6 | 13.669 | 166 | 982511 | 28.795 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 13.940 | 160 | 1088953 | 28.422 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.581 | 143 | 170278 | 35.074 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.269 | 176 | 838103 | 29.940 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.469 | 200 | 168146 | 27.174 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.175 | 188 | 1288410 | 28.365 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.563 | 212 | 1614641 | 26.277 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.557 | 264 | 1673201 | 29.923 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.181 | 88 | 40603 | 9.877 | ng/uL | 93 |
| 5) Pyridine | 3.587 | 79 | 239328 | 21.443 | ng/ul | 96 |
| 6) Benzaldehyde | 6.787 | 77 | 196640 | 28.128 | ng/ul | 95 |
| 8) Phenol | 6.852 | 94 | 394209 | 28.094 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.052 | 93 | 307215 | 26.503 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.187 | 128 | 319373 | 27.891 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.081 | 108 | 299060 | 27.558 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.134 | 45 | 458769m | 27.394 | ng/ul | |
| 16) Acetophenone | 8.446 | 105 | 494461 | 27.817 | ng/ul | 92 |
| 17) N-Nitroso-di-n-propyla... | 8.416 | 70 | 249462 | 26.784 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.416 | 108 | 323937 | 27.863 | ng/ul | 95 |
| 19) Hexachloroethane | 8.646 | 117 | 135557 | 26.344 | ng/ul | 97 |
| 22) Nitrobenzene | 8.816 | 77 | 377895 | 28.702 | ng/ul | 98 |
| 23) Isophorone | 9.328 | 82 | 720810 | 27.538 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.522 | 139 | 187977 | 28.651 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.587 | 107 | 297672 | 23.008 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.805 | 93 | 427662 | 26.880 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.075 | 162 | 303232 | 27.049 | ng/ul | 97 |
| 30) Naphthalene | 10.422 | 128 | 1031651 | 27.716 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.581 | 127 | 358995 | 24.948 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.675 | 225 | 218156 | 25.953 | ng/ul | 99 |
| 34) Caprolactam | 11.416 | 113 | 108675m | 31.468 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.728 | 107 | 362530 | 29.750 | ng/ul | 100 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/09/2024
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.046 | 142 | 711551 | 27.849 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.257 | 142 | 709122 | 26.985 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.416 | 216 | 415058 | 27.228 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.363 | 237 | 68957 | 8.647 | ng/ul | 94 |
| 41) 2,4,6-Trichlorophenol | 12.693 | 196 | 232846 | 24.174 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.793 | 196 | 269095 | 26.405 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.057 | 154 | 958257 | 27.935 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.110 | 162 | 752110 | 27.465 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.369 | 65 | 241672 | 31.912 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.710 | 163 | 987000 | 28.508 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.857 | 165 | 205030 | 29.621 | ng/ul | 97 |
| 50) Acenaphthylene | 13.969 | 152 | 1201053 | 27.687 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.216 | 138 | 200473 | 33.282 | ng/ul | 98 |
| 52) Acenaphthene | 14.316 | 153 | 799649 | 27.773 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.475 | 184 | 103086 | 28.359 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.593 | 109 | 105942 | 26.827 | ng/ul | 94 |
| 56) Dibenzofuran | 14.669 | 168 | 1153624 | 29.259 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.693 | 165 | 305958 | 32.200 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.916 | 232 | 204373 | 23.419 | ng/ul | 99 |
| 59) Diethylphthalate | 15.098 | 149 | 1013554 | 29.293 | ng/ul | 100 |
| 61) Fluorene | 15.328 | 166 | 935894 | 29.088 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.316 | 204 | 485647 | 27.817 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.428 | 138 | 199002 | 39.895 | ng/ul | 93 |
| 66) 4,6-Dinitro-2-methylph... | 15.481 | 198 | 180734 | 27.543 | ng/ul | 94 |
| 67) N-Nitrosodiphenylamine | 15.551 | 169 | 812978 | 27.299 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.234 | 248 | 319796 | 26.679 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.351 | 284 | 374544 | 27.251 | ng/ul | 97 |
| 70) Atrazine | 16.557 | 200 | 33241 | 3.063 | ng/ul | 93 |
| 71) Pentachlorophenol | 16.739 | 266 | 142431 | 19.080 | ng/ul | 98 |
| 72) Phenanthrene | 17.116 | 178 | 1537717 | 28.985 | ng/ul | 99 |
| 74) Anthracene | 17.210 | 178 | 1517087 | 28.050 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.028 | 216 | 414229 | 25.306 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.581 | 250 | 412585 | 25.366 | ng/uL | 100 |
| 77) Carbazole | 17.522 | 167 | 1404697 | 31.771 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.069 | 149 | 1740599 | 28.535 | ng/ul | 100 |
| 80) Fluoranthene | 19.210 | 202 | 1880404 | 25.340 | ng/ul | 99 |
| 82) Pyrene | 19.592 | 202 | 1991609 | 26.375 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.522 | 149 | 817669 | 25.989 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.422 | 252 | 634983 | 27.959 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.498 | 228 | 1979854 | 28.437 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149 | 1135366 | 25.076 | ng/ul | 99 |
| 87) Chrysene | 21.557 | 228 | 1901642 | 29.394 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.622 | 149 | 2010118 | 26.839 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.739 | 252 | 2040765 | 29.662 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.804 | 252 | 2001581 | 29.151 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.639 | 252 | 1835756 | 28.235 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.521 | 276 | 2439242 | 29.115 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 28.580 | 278 | 2002527 | 28.865 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 29.698 | 276 | 1877642 | 27.519 | ng/ul | 98 |

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

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