Quantitation Report (Qedit)

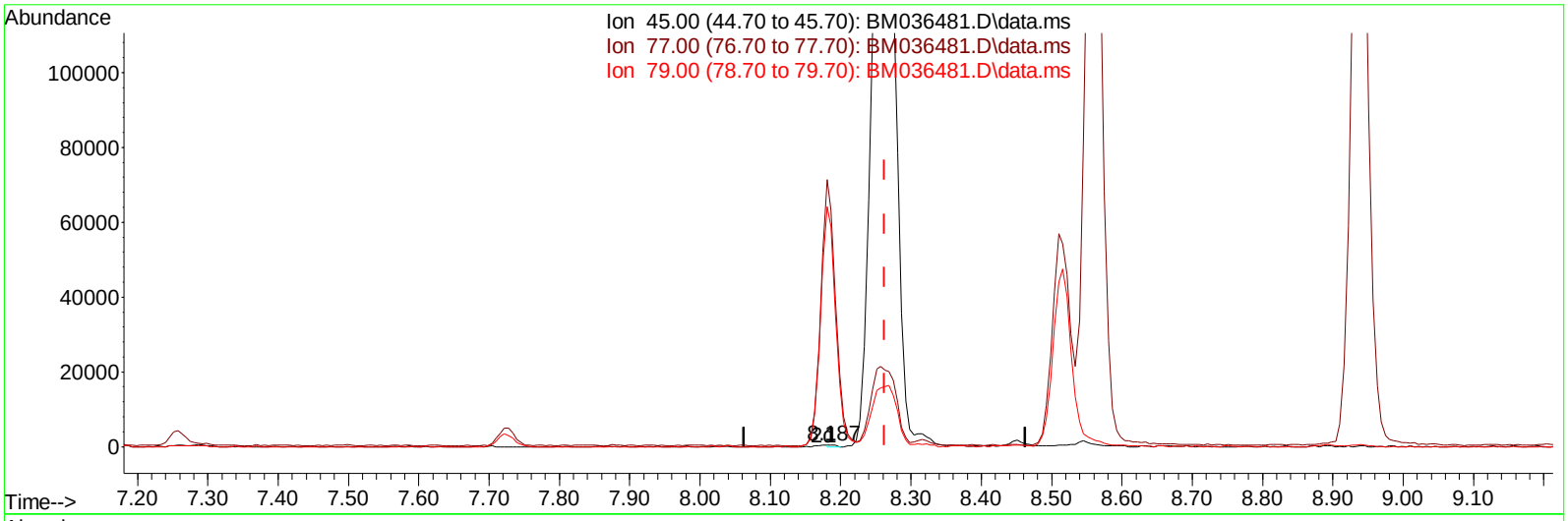
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090122\
Data File : BM036481.D
Acq On : 01 Sep 2022 20:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

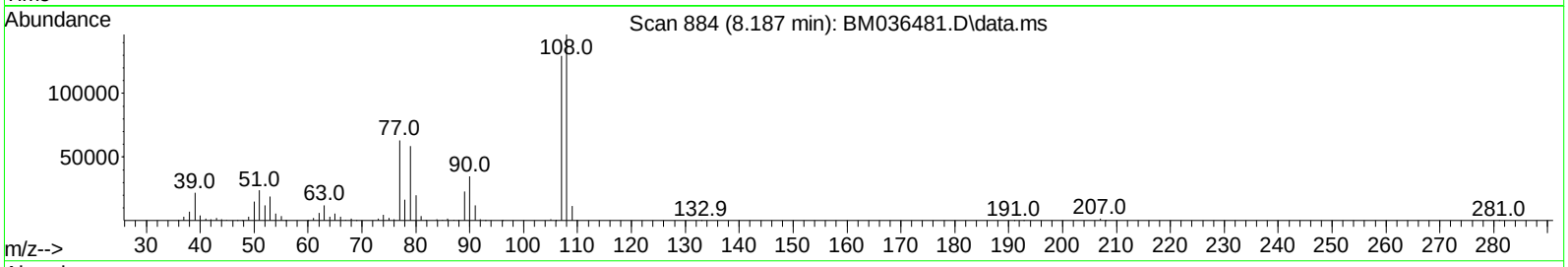
Quant Time: Sep 02 01:38:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

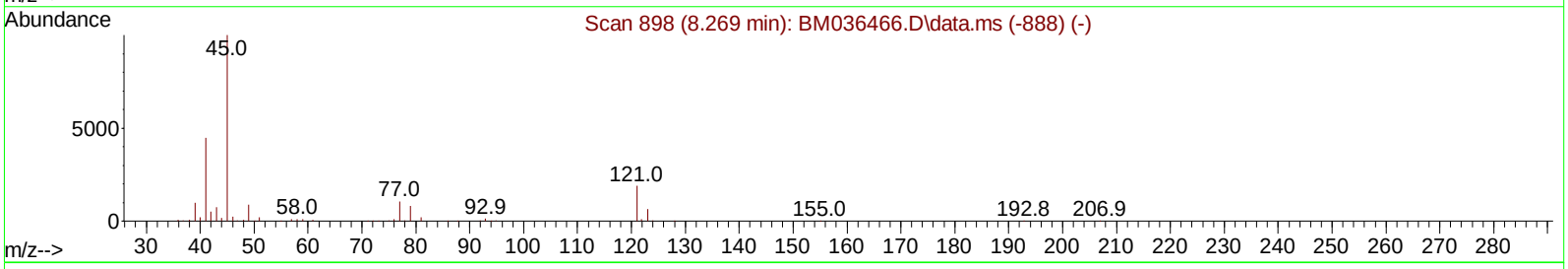
**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/02/2022
Supervised By :Sohil Jodhani 09/02/2022




TIC: BM036481.D\data.ms

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

**8.187min (-0.077) 0.02 ng/ul**

**response 322**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.20 | 12188.42# |
| 79.00 | 10.40 | 11355.98# |
| 0.00 | 0.00 | 0.00 |

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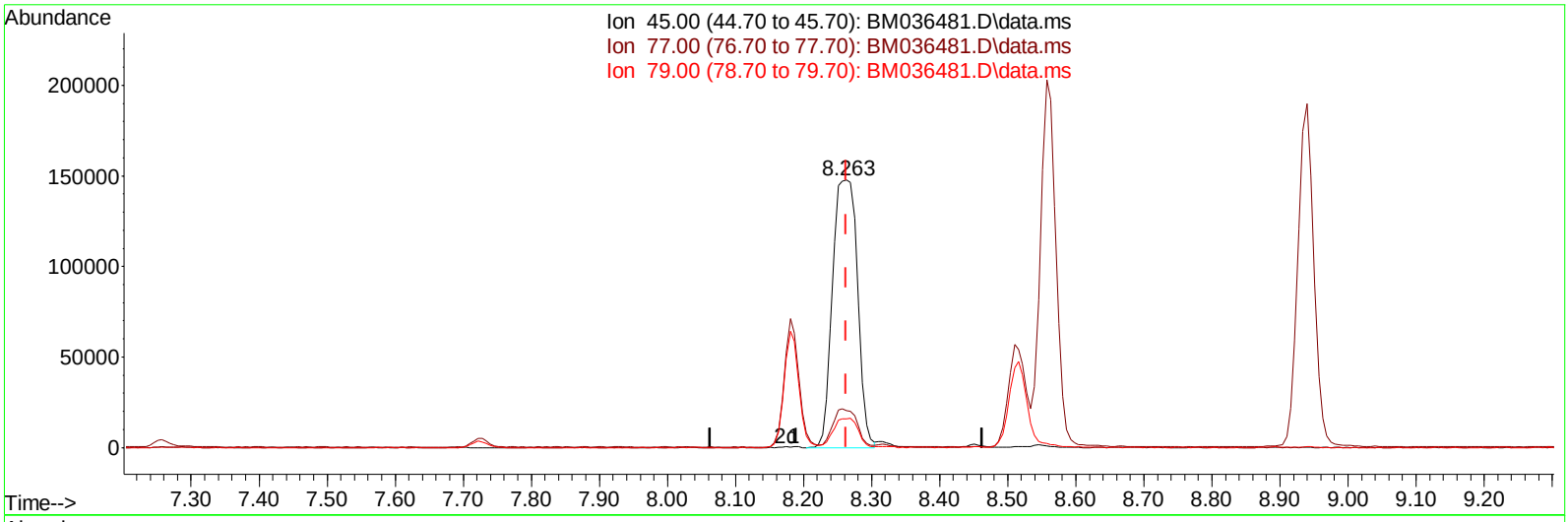


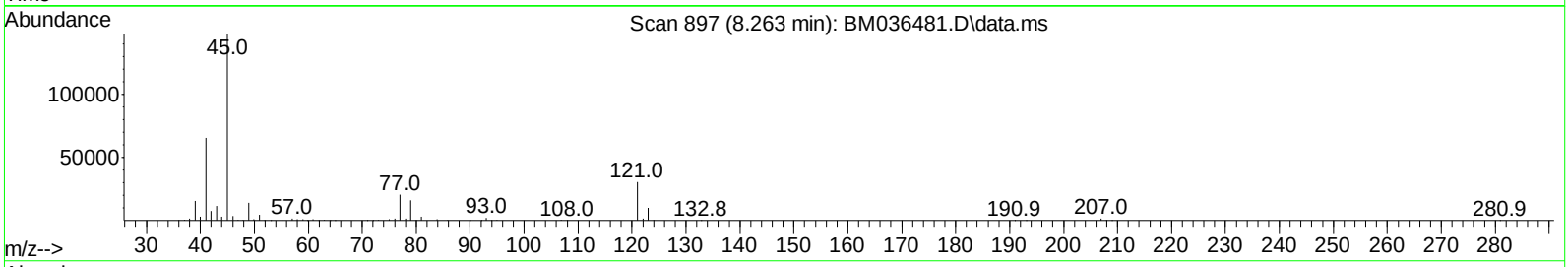


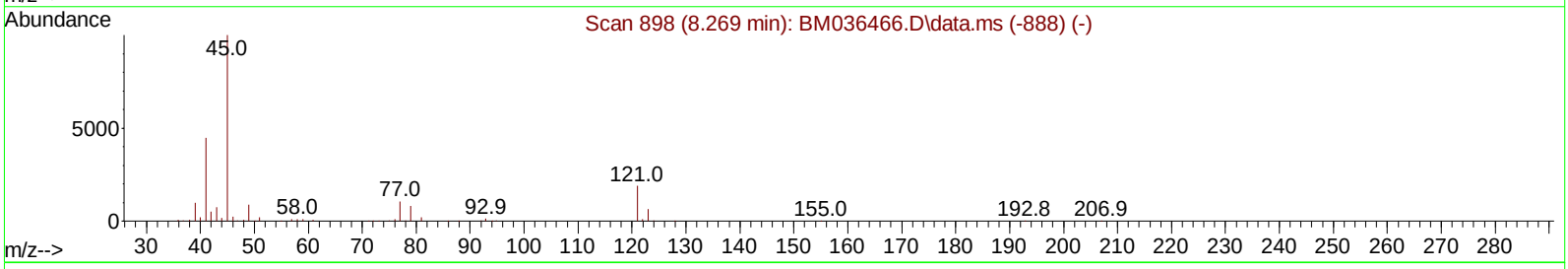


TIC: BM036481.D\data.ms

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

**8.263min (-0.000) 19.99 ng/ul m**

**response 374780**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.20 | 13.85 |
| 79.00 | 10.40 | 10.84 |
| 0.00 | 0.00 | 0.00 |

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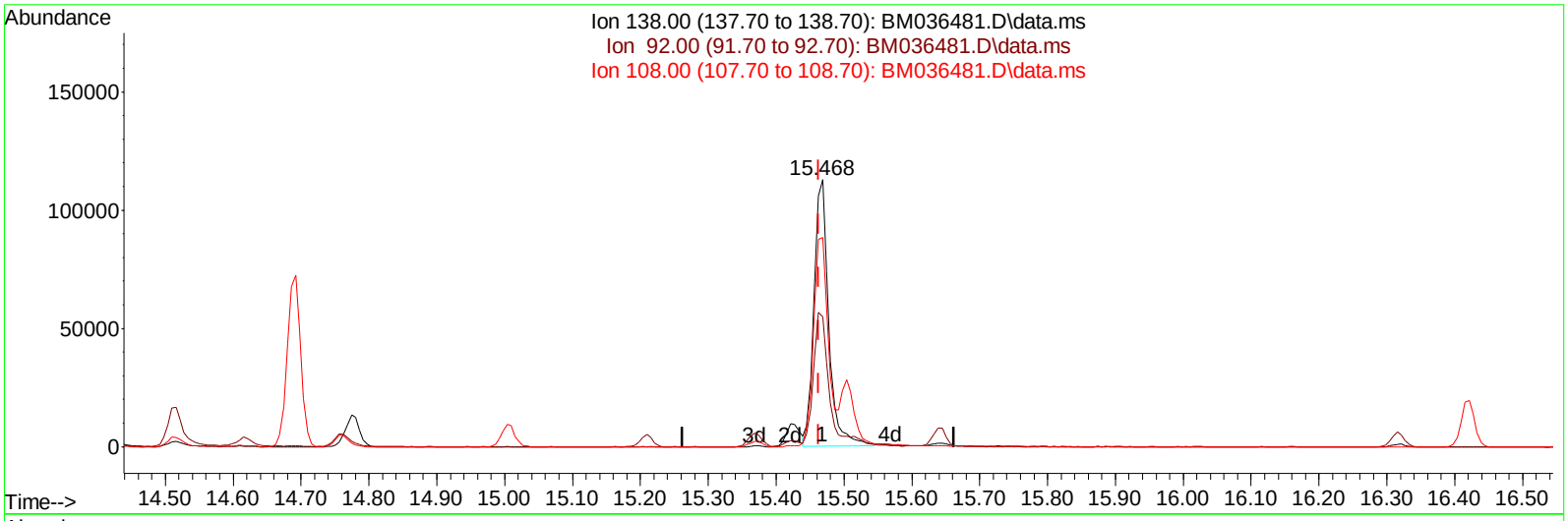


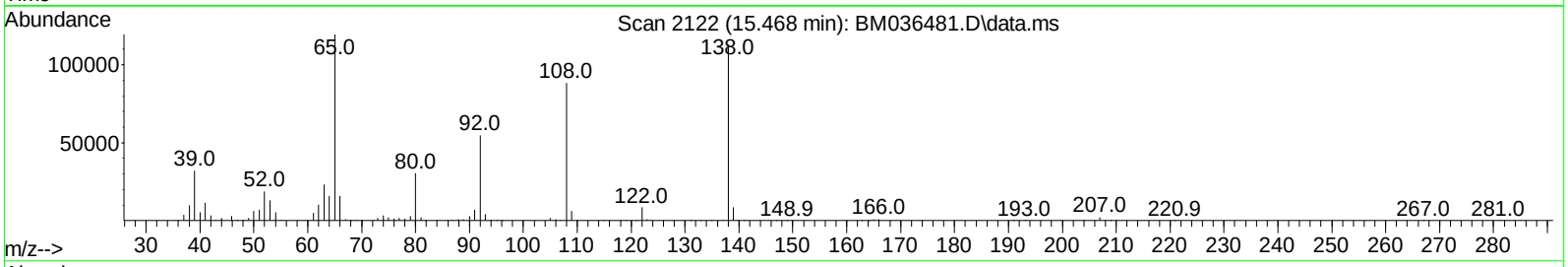


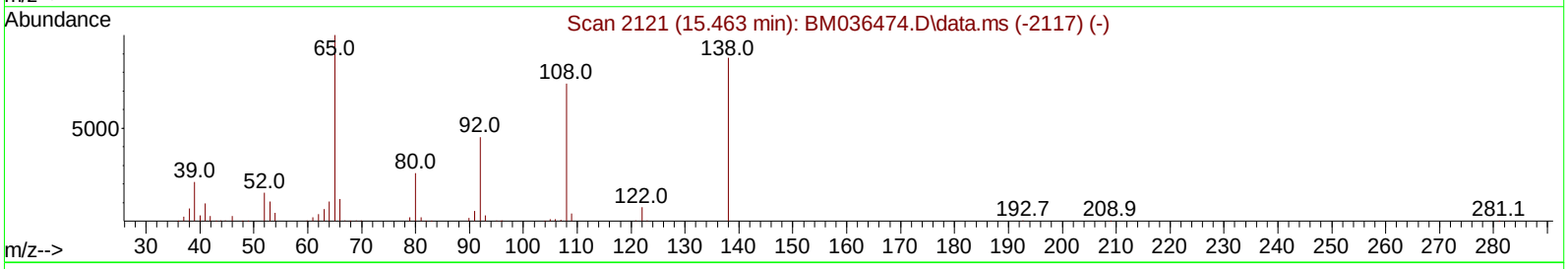


TIC: BM036481.D\data.ms

**(63) 4-Nitroaniline**

**15.468min (+ 0.006) 19.22 ng/ul**

**response 171434**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.00 | 48.59 |
| 108.00 | 64.50 | 78.30# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/02/2022
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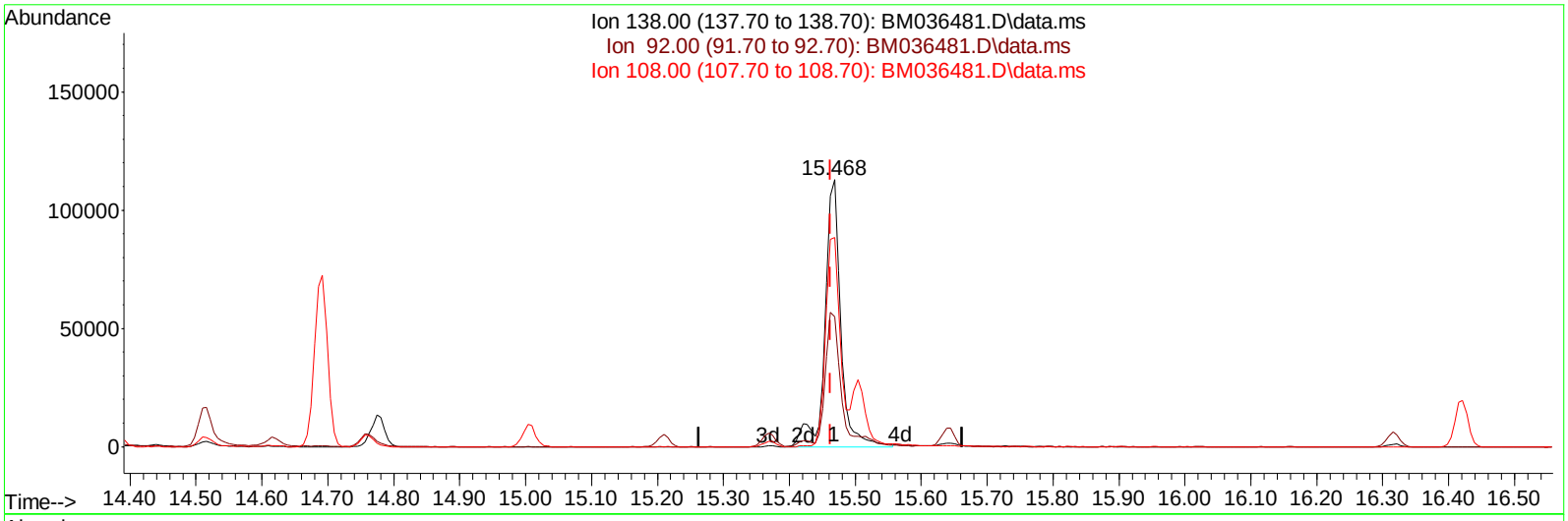


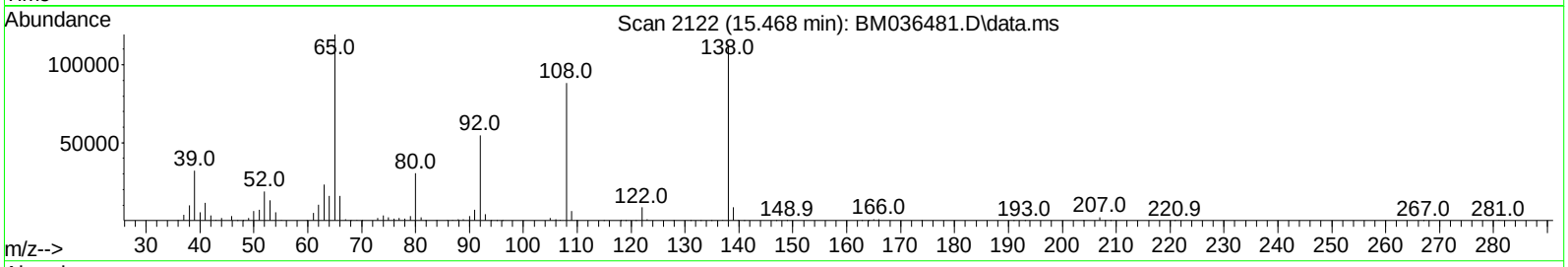


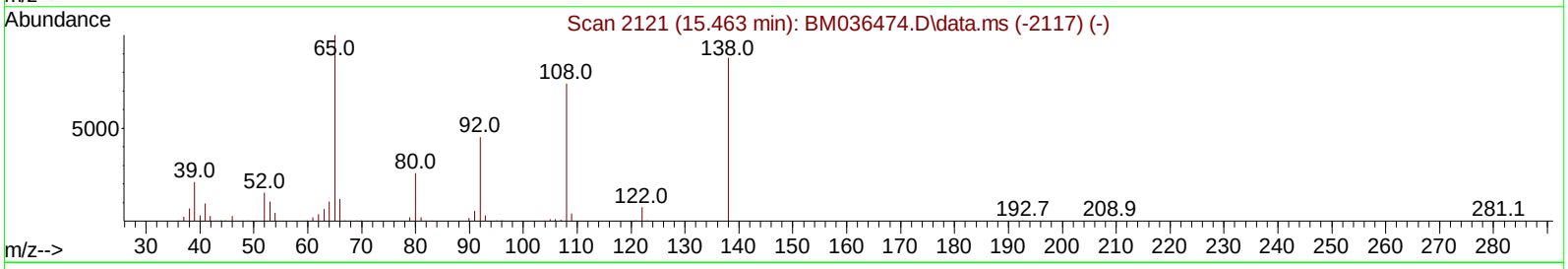


TIC: BM036481.D\data.ms

**(63) 4-Nitroaniline**

**15.468min (+ 0.006) 21.01 ng/ul m**

**response 187368**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 49.00 | 48.59 |
| 108.00 | 64.50 | 78.30# |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Response via : Initial Calibration

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 09/02/2022
Supervised By :Sohil Jodhani 09/02/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.728 | 152 | 197369 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.522 | 136 | 957270 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.374 | 164 | 711531 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.121 | 188 | 1524723 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.309 | 240 | 1560596 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.603 | 264 | 1492732 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.134 | 96 | 38617 | 7.457 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.557 | 84 | 282488 | 19.780 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.904 | 99 | 298378 | 17.711 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.069 | 67 | 198128 | 18.683 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.257 | 132 | 241903 | 18.275 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.451 | 113 | 243796 | 19.381 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.898 | 128 | 125794 | 17.332 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.616 | 143 | 132799 | 18.039 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.151 | 165 | 247256 | 18.796 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.675 | 131 | 396539 | 19.445 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.798 | 166 | 856888 | 19.036 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.068 | 160 | 1024642 | 18.250 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.604 | 143 | 162186 | 19.015 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.368 | 176 | 786862 | 19.344 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 200 | 130221 | 16.612 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.221 | 188 | 1250289 | 18.442 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.515 | 212 | 1430585 | 17.672 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.456 | 264 | 1352686 | 18.482 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.169 | 88 | 42321 | 7.759 | ng/uL | 97 |
| 5) Pyridine | 3.575 | 79 | 296288 | 20.083 | ng/ul | 98 |
| 6) Benzaldehyde | 6.875 | 77 | 155625 | 22.489 | ng/ul | 93 |
| 8) Phenol | 6.934 | 94 | 311380 | 17.777 | ng/ul | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.163 | 93 | 258402 | 18.444 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.287 | 128 | 253215 | 18.294 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.181 | 108 | 241992 | 18.742 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.263 | 45 | 374780m | 19.995 | ng/ul | |
| 16) Acetophenone | 8.557 | 105 | 403202 | 19.929 | ng/ul | 94 |
| 17) N-Nitroso-di-n-propyla... | 8.545 | 70 | 210673 | 20.921 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.510 | 108 | 271937 | 19.676 | ng/ul | 99 |
| 19) Hexachloroethane | 8.792 | 117 | 107615 | 18.583 | ng/ul | 84 |
| 22) Nitrobenzene | 8.939 | 77 | 309162 | 17.978 | ng/ul | 97 |
| 23) Isophorone | 9.463 | 82 | 593766 | 19.443 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.645 | 139 | 149384 | 18.213 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 9.710 | 107 | 307715 | 18.760 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 9.951 | 93 | 376339 | 18.929 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.180 | 162 | 254057 | 18.877 | ng/ul | 99 |
| 30) Naphthalene | 10.575 | 128 | 921259 | 18.336 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.698 | 127 | 408889 | 19.713 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.851 | 225 | 155364 | 18.375 | ng/ul | 98 |
| 34) Caprolactam | 11.486 | 113 | 93837 | 23.271 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 11.833 | 107 | 315924 | 23.217 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.192 | 142 | 695280 | 22.056 ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.410 | 142 | 711058 | 22.398 ng/ul# | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.563 | 216 | 334469 | 17.007 ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.533 | 237 | 256389 | 21.975 ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.810 | 196 | 222405 | 17.972 ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.886 | 196 | 234278 | 17.847 ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.210 | 154 | 942413 | 17.610 ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.251 | 162 | 716027 | 17.437 ng/ul | 99 |
| 45) 2-Nitroaniline | 13.474 | 65 | 215939 | 19.419 ng/ul | 95 |
| 47) Dimethylphthalate | 13.845 | 163 | 883531 | 19.068 ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.974 | 165 | 172049 | 19.680 ng/ul | 91 |
| 50) Acenaphthylene | 14.098 | 152 | 1217262 | 18.385 ng/ul | 100 |
| 51) 3-Nitroaniline | 14.304 | 138 | 186393 | 19.495 ng/ul | 100 |
| 52) Acenaphthene | 14.439 | 153 | 788908 | 18.281 ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.515 | 184 | 90335 | 18.960 ng/ul | 94 |
| 55) 4-Nitrophenol | 14.615 | 109 | 134214 | 19.916 ng/ul | 81 |
| 56) Dibenzofuran | 14.774 | 168 | 1120355 | 18.711 ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.763 | 165 | 253755 | 20.466 ng/ul# | 84 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.004 | 232 | 200167 | 20.084 ng/ul# | 90 |
| 59) Diethylphthalate | 15.210 | 149 | 935811 | 20.488 ng/ul | 99 |
| 61) Fluorene | 15.427 | 166 | 931300 | 19.609 ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.421 | 204 | 435919 | 19.649 ng/ul | 99 |
| 63) 4-Nitroaniline | 15.468 | 138 | 187368m | 21.008 ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.521 | 198 | 132653 | 16.738 ng/ul | 95 |
| 67) N-Nitrosodiphenylamine | 15.645 | 169 | 767144 | 17.599 ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.315 | 248 | 249811 | 17.694 ng/ul | 93 |
| 69) Hexachlorobenzene | 16.421 | 284 | 301126 | 17.600 ng/ul | 94 |
| 70) Atrazine | 16.598 | 200 | 268001 | 17.994 ng/ul | 98 |
| 71) Pentachlorophenol | 16.774 | 266 | 198163 | 21.009 ng/ul | 100 |
| 72) Phenanthrene | 17.162 | 178 | 1457385 | 18.182 ng/ul | 99 |
| 74) Anthracene | 17.256 | 178 | 1500141 | 18.668 ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.169 | 216 | 347656 | 15.196 ng/uL | 98 |
| 76) Pentachlorobenzene | 14.692 | 250 | 352035 | 16.480 ng/uL | 99 |
| 77) Carbazole | 17.533 | 167 | 1380245 | 18.344 ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.098 | 149 | 1650145 | 20.052 ng/ul | 99 |
| 80) Fluoranthene | 19.186 | 202 | 1712314 | 17.502 ng/ul | 97 |
| 82) Pyrene | 19.545 | 202 | 1803169 | 17.661 ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.456 | 149 | 731351 | 19.148 ng/ul | 93 |
| 84) 3,3'-Dichlorobenzidine | 21.233 | 252 | 566758 | 17.636 ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.297 | 228 | 1739192 | 18.545 ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.227 | 149 | 1113361 | 21.112 ng/ul# | 98 |
| 87) Chrysene | 21.344 | 228 | 1681425 | 18.247 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.121 | 149 | 1846071 | 20.804 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.903 | 252 | 1730959 | 19.019 ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 22.950 | 252 | 1646250 | 19.013 ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.503 | 252 | 1648406 | 18.411 ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 25.968 | 276 | 1663619 | 15.804 ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 25.985 | 278 | 1427868 | 15.746 ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 26.697 | 276 | 1314339 | 14.600 ng/ul | 96 |

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

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