Quantitation Report (Qedit)

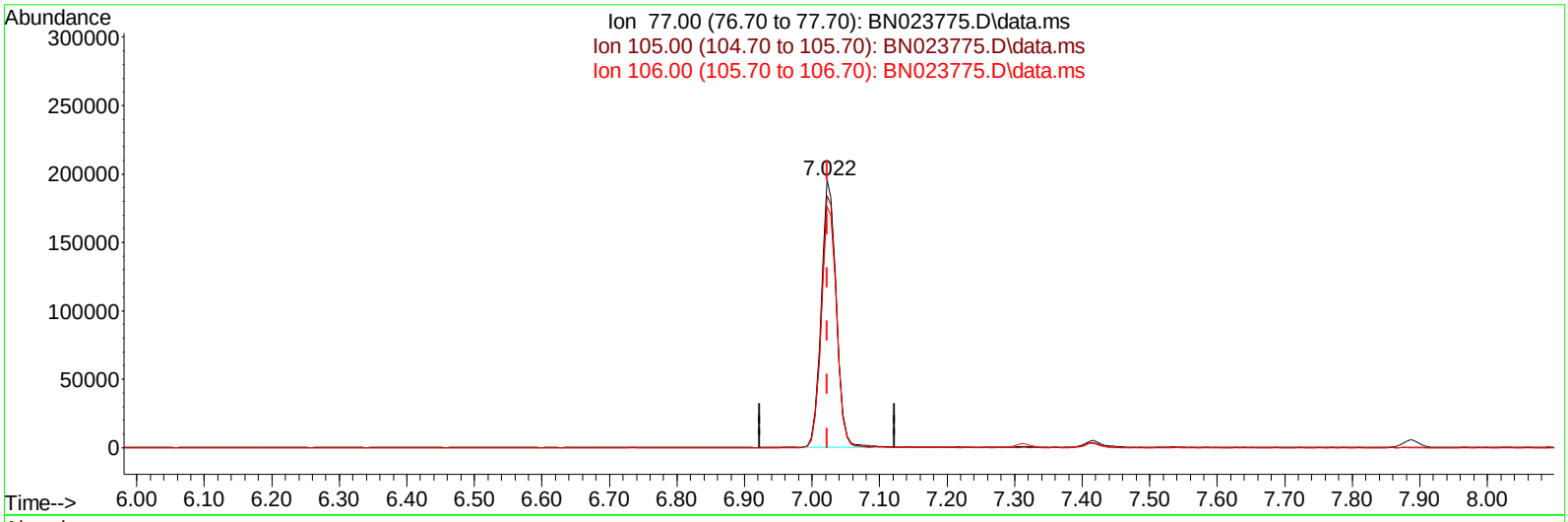
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023775.D
Acq On : 24 Jan 2023 13:50
Operator : CG/JU
Sample : 01226-10MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

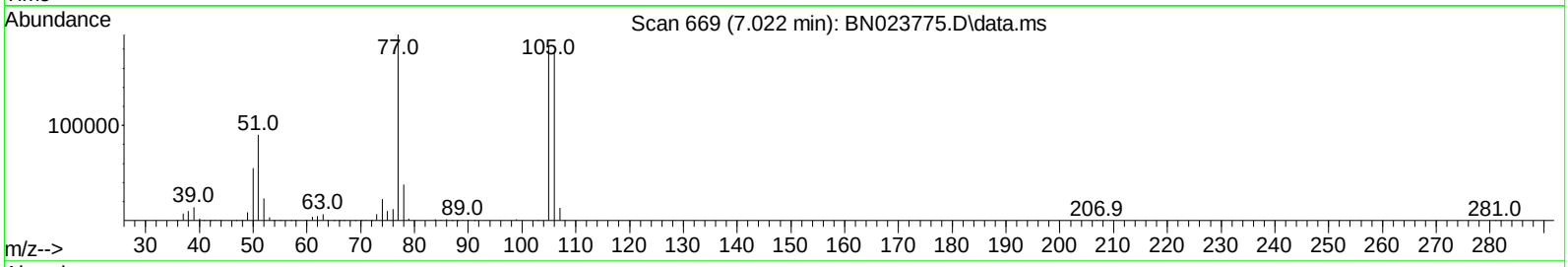
Quant Time: Jan 24 23:57:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 23:52:16 2023
Response via : Initial Calibration

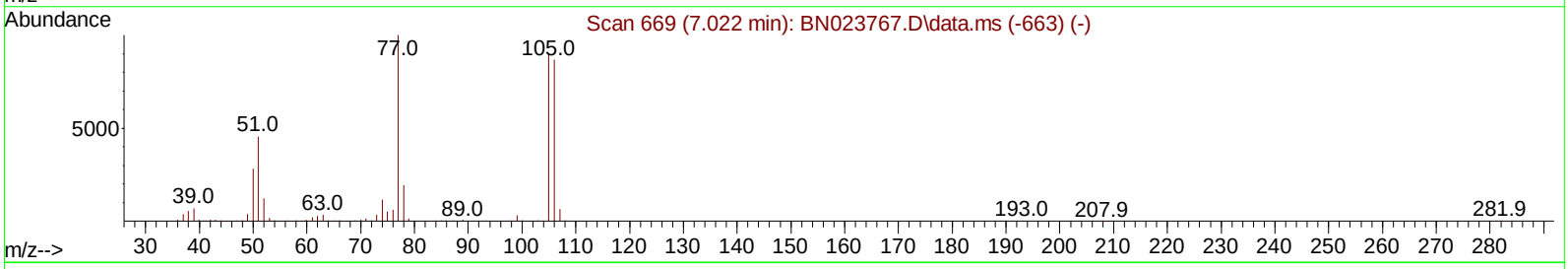
**Instrument :**
BNA_N
**ClientSampleId :**
EX9G4MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/25/2023
Supervised By :Yogesh Patel 01/25/2023




TIC: BN023775.D\data.ms

**(6) Benzaldehyde**

**7.022min (-0.000) 40.35 ng/ul**

**response 302410**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 93.90 | 94.11 |
| 106.00 | 91.00 | 90.28 |
| 0.00 | 0.00 | 0.00 |

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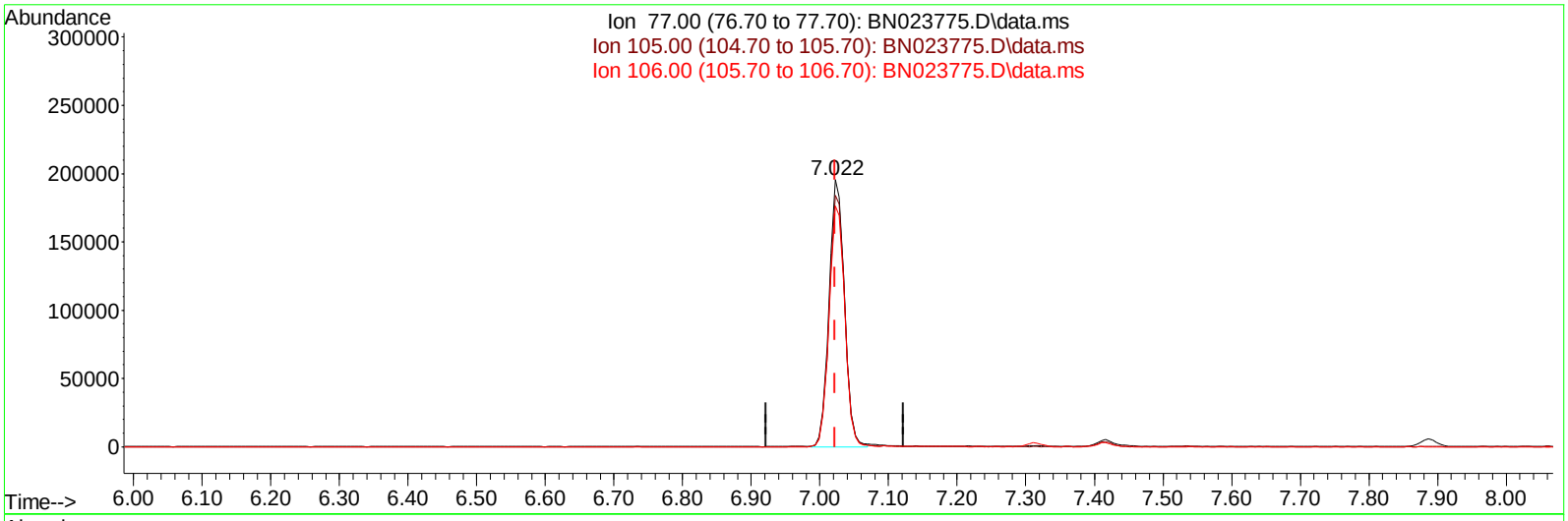


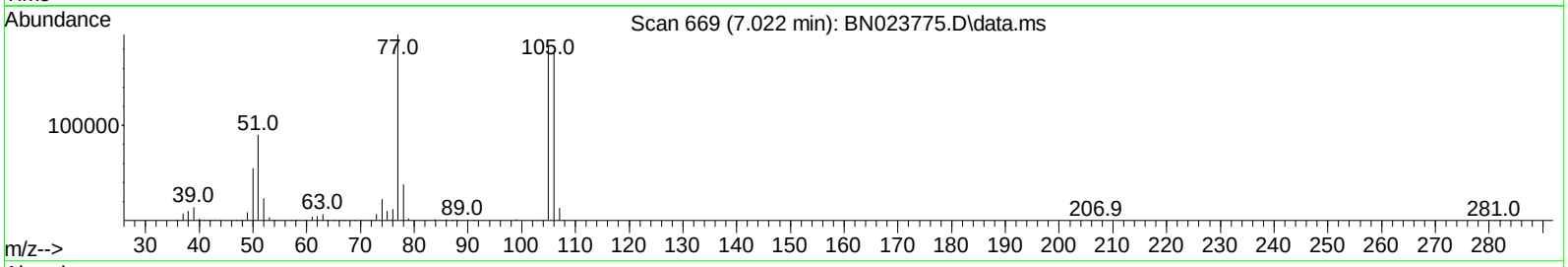


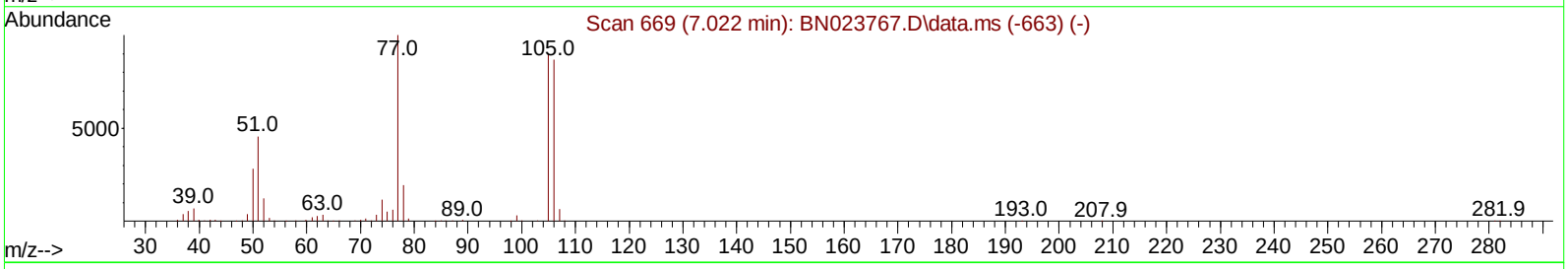


TIC: BN023775.D\data.ms

**(6) Benzaldehyde**

**7.022min (-0.000) 40.27 ng/ul m**

**response 301793**

| Ion | Exp% | Act% |
|---|---|---|
| 77.00 | 100.00 | 100.00 |
| 105.00 | 93.90 | 94.11 |
| 106.00 | 91.00 | 90.28 |
| 0.00 | 0.00 | 0.00 |

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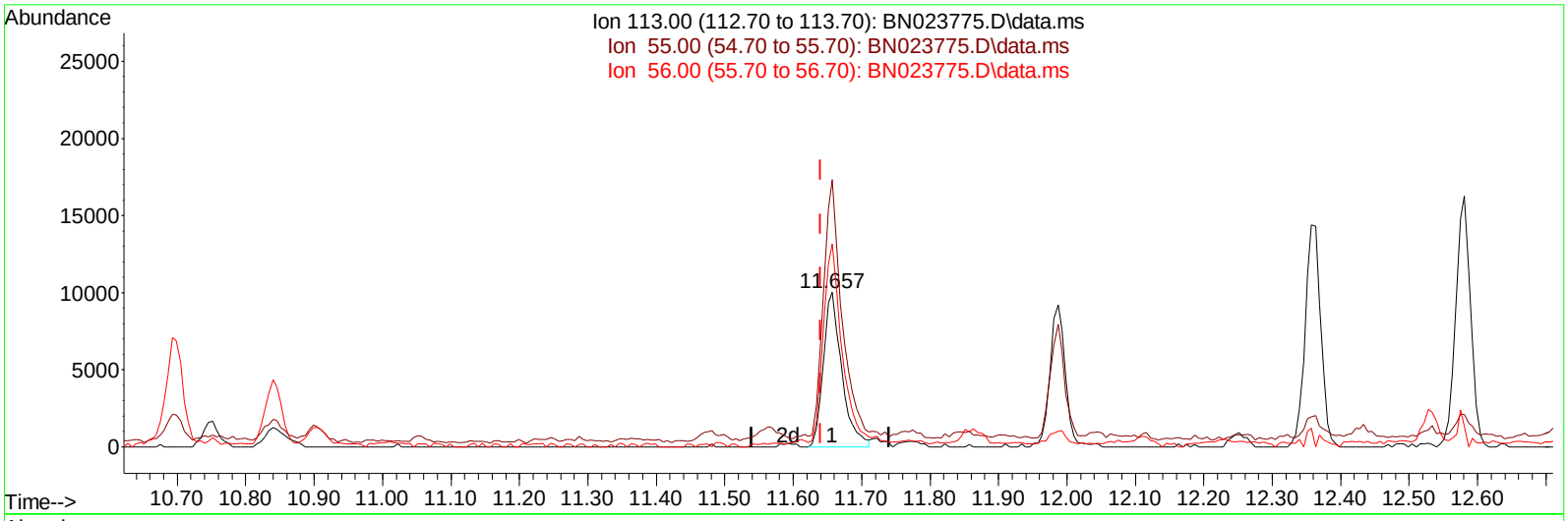


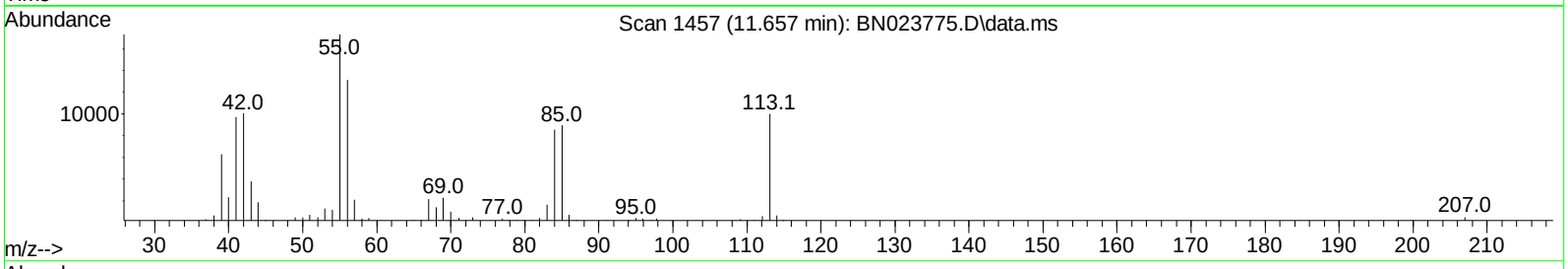


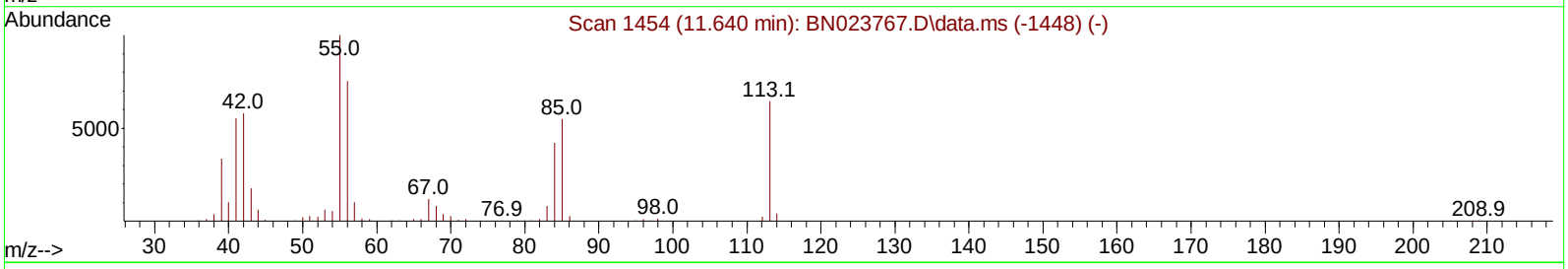


TIC: BN023775.D\data.ms

**(34) Caprolactam**

**11.657min (+ 0.018) 3.91 ng/ul**

**response 18671**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 161.40 | 172.98 |
| 56.00 | 117.80 | 131.45 |
| 0.00 | 0.00 | 0.00 |

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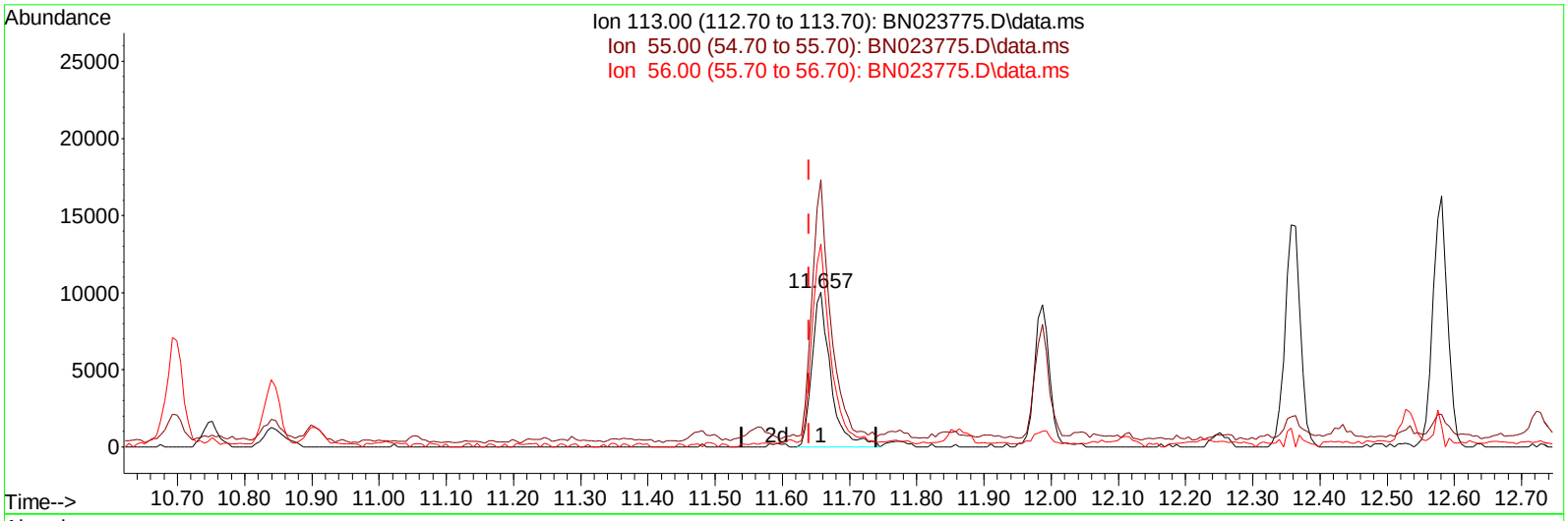
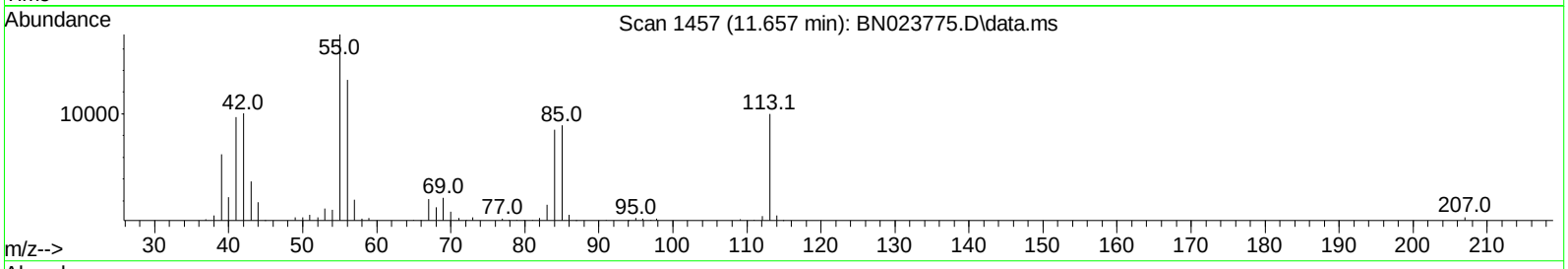
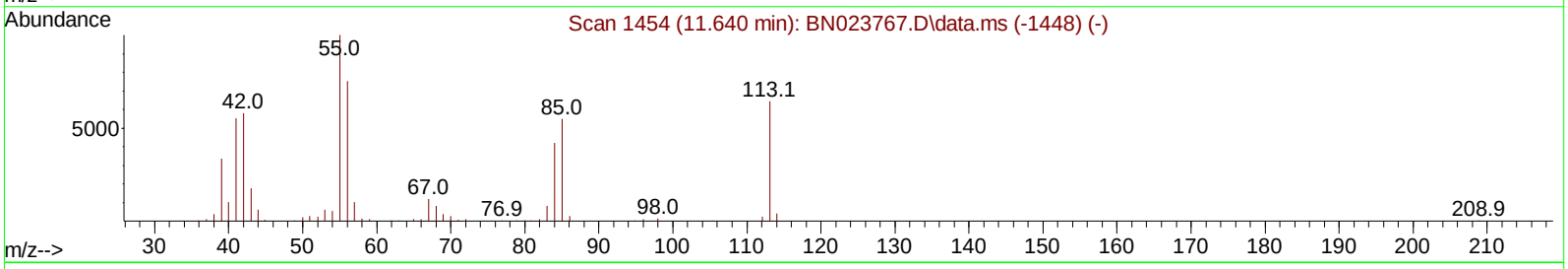
**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/25/2023
Supervised By :Yogesh Patel 01/25/2023




TIC: BN023775.D\data.ms

**(34) Caprolactam**

**11.657min (+ 0.018) 4.05 ng/ul m**

**response 19375**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 161.40 | 172.98 |
| 56.00 | 117.80 | 131.45 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_N
**ClientSampleId :**
EX9G4MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/25/2023
Supervised By :Yogesh Patel 01/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.887 | 152 | 218336 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.699 | 136 | 934244 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.540 | 164 | 556897 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.286 | 188 | 1188632 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.480 | 240 | 892750 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.892 | 264 | 910460 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.270 | 96 | 20926 | 4.124 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 225389 | 14.806 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.052 | 99 | 124242 | 6.421 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.216 | 67 | 273609 | 23.049 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.416 | 132 | 283299 | 19.116 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.605 | 113 | 230047 | 14.895 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.057 | 128 | 178856 | 25.388 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.781 | 143 | 190701 | 25.571 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.316 | 165 | 355103 | 24.964 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.840 | 131 | 607691 | 27.159 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.951 | 166 | 1212826 | 29.276 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.228 | 160 | 1278069 | 27.844 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.740 | 143 | 46996 | 5.572 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.528 | 176 | 984751 | 27.819 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200 | 159160 | 22.197 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.381 | 188 | 1490834 | 28.028 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.680 | 212 | 1702368 | 33.342 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.727 | 264 | 1323454 | 29.394 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 22600 | 4.219 | ng/uL | 98 |
| 5) Pyridine | 3.717 | 79 | 240902 | 15.459 | ng/ul | 96 |
| 6) Benzaldehyde | 7.022 | 77 | 301793m | 40.270 | ng/ul | |
| 8) Phenol | 7.075 | 94 | 146119 | 7.418 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.311 | 93 | 409785 | 26.329 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.446 | 128 | 328970 | 21.480 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.334 | 108 | 291987 | 19.698 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.428 | 45 | 548927 | 26.371 | ng/ul | 98 |
| 16) Acetophenone | 8.716 | 105 | 639065 | 26.771 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.705 | 70 | 341366 | 28.401 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.669 | 108 | 276827 | 16.958 | ng/ul | 98 |
| 19) Hexachloroethane | 8.969 | 117 | 156821 | 25.602 | ng/ul | 97 |
| 22) Nitrobenzene | 9.099 | 77 | 504101 | 28.591 | ng/ul | 98 |
| 23) Isophorone | 9.628 | 82 | 974735 | 30.567 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.810 | 139 | 235577 | 28.418 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.875 | 107 | 420293 | 24.983 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93 | 577549 | 27.923 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.346 | 162 | 395717 | 27.802 | ng/ul | 98 |
| 30) Naphthalene | 10.752 | 128 | 1338882 | 26.659 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.863 | 127 | 624318 | 27.860 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.034 | 225 | 223617 | 25.401 | ng/ul | 97 |
| 34) Caprolactam | 11.657 | 113 | 19375m | 4.053 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.987 | 107 | 446369 | 28.762 | ng/ul | 97 |

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EX9G4MSD

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.357 | 142 | 925430 | 27.642 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.581 | 142 | 948076 | 27.718 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.728 | 216 | 478327 | 29.042 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.704 | 237 | 241945 | 23.307 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.969 | 196 | 355062 | 32.704 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.040 | 196 | 396796 | 33.419 | ng/ul | 90 |
| 43) 1,1'-Biphenyl | 13.375 | 154 | 1286064 | 29.933 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.410 | 162 | 995507 | 29.865 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.622 | 65 | 355531 | 38.677 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.998 | 163 | 1399881 | 33.628 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.122 | 165 | 296089 | 37.624 | ng/ul | 97 |
| 50) Acenaphthylene | 14.263 | 152 | 1595742 | 31.266 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.451 | 138 | 297466 | 37.720 | ng/ul | 99 |
| 52) Acenaphthene | 14.604 | 153 | 1094973 | 30.431 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.651 | 184 | 16931 | 3.292 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.757 | 109 | 41207 | 6.050 | ng/ul | 91 |
| 56) Dibenzofuran | 14.934 | 168 | 1539329 | 30.734 | ng/ul | 95 |
| 57) 2,4-Dinitrotoluene | 14.904 | 165 | 423387 | 36.853 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.163 | 232 | 336911 | 33.115 | ng/ul | 98 |
| 59) Diethylphthalate | 15.363 | 149 | 1433941 | 34.388 | ng/ul | 99 |
| 61) Fluorene | 15.587 | 166 | 1248065 | 30.772 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.581 | 204 | 620564 | 31.430 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.616 | 138 | 275567 | 37.953 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.669 | 198 | 177449 | 25.077 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.798 | 169 | 1141017 | 34.206 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.475 | 248 | 409097 | 34.337 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.586 | 284 | 451343 | 32.327 | ng/ul | 93 |
| 70) Atrazine | 16.757 | 200 | 436486 | 34.963 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.934 | 266 | 278978 | 31.309 | ng/ul | 98 |
| 72) Phenanthrene | 17.328 | 178 | 2050548 | 32.196 | ng/ul | 99 |
| 74) Anthracene | 17.422 | 178 | 2031055 | 32.043 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.334 | 216 | 488302 | 30.513 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.851 | 250 | 503056 | 31.383 | ng/uL | 99 |
| 77) Carbazole | 17.692 | 167 | 1930915 | 33.550 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.251 | 149 | 2501486 | 36.608 | ng/ul | 100 |
| 80) Fluoranthene | 19.345 | 202 | 2328155 | 38.985 | ng/ul | 100 |
| 82) Pyrene | 19.710 | 202 | 2368724 | 37.553 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.610 | 149 | 1082650 | 43.355 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.398 | 252 | 119552 | 6.130 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.463 | 228 | 1994087 | 32.975 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.386 | 149 | 1549951 | 42.748 | ng/ul | 99 |
| 87) Chrysene | 21.516 | 228 | 1854705 | 32.711 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.316 | 149 | 2617727 | 41.659 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.151 | 252 | 1981168 | 34.161 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.204 | 252 | 1993849 | 34.758 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.780 | 252 | 1660588 | 33.016 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.404 | 276 | 1886902 | 30.356 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.415 | 278 | 1562263 | 30.396 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.174 | 276 | 1482670 | 29.951 | ng/ul | 95 |

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

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BNA_N
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