Quantitation Report (Qedit)

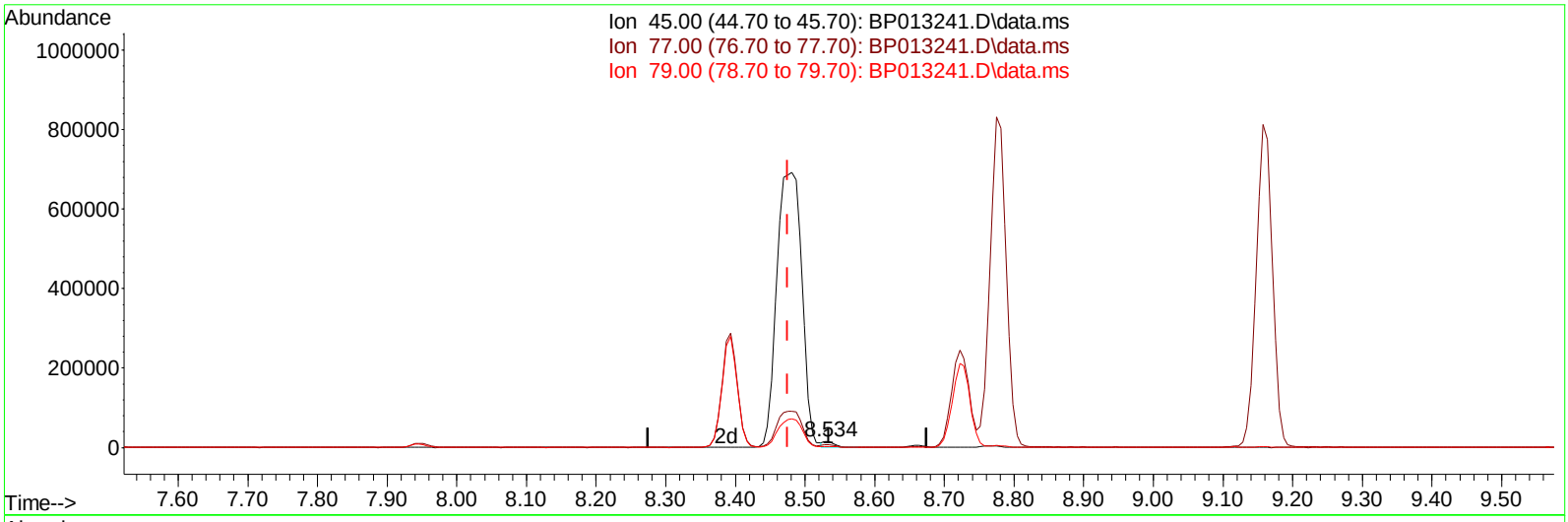
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013241.D
Acq On : 22 Dec 2022 12:14
Operator : CG/JU
Sample : PB149826BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

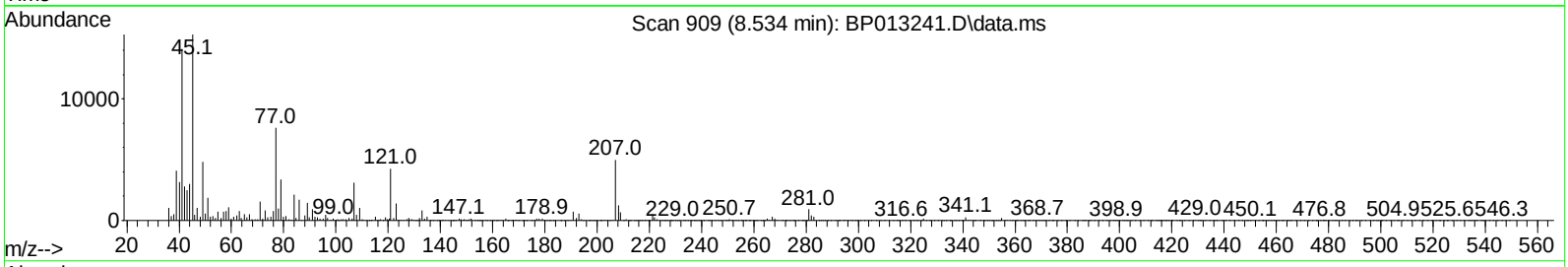
Quant Time: Dec 22 21:45:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 23:38:37 2022
Response via : Initial Calibration

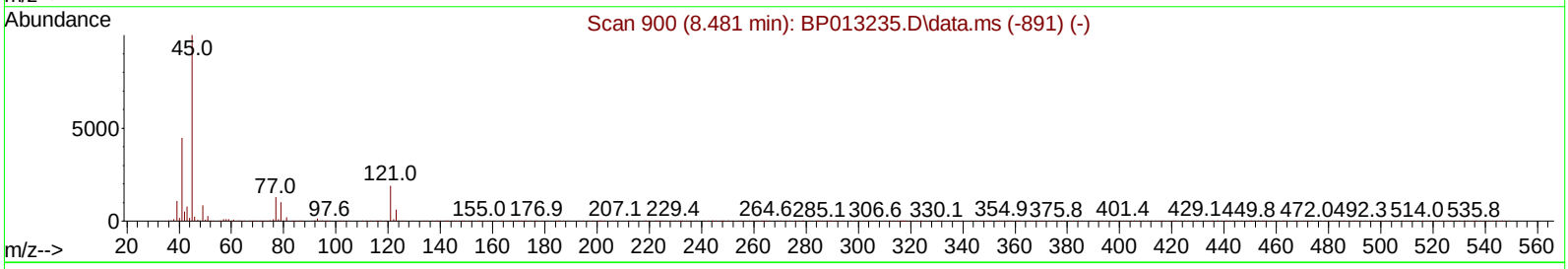
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS826

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022




TIC: BP013241.D\data.ms

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

**8.534min (+ 0.059) 0.36 ng/ul**

**response 16593**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.80 | 49.78# |
| 79.00 | 11.60 | 22.03# |
| 0.00 | 0.00 | 0.00 |

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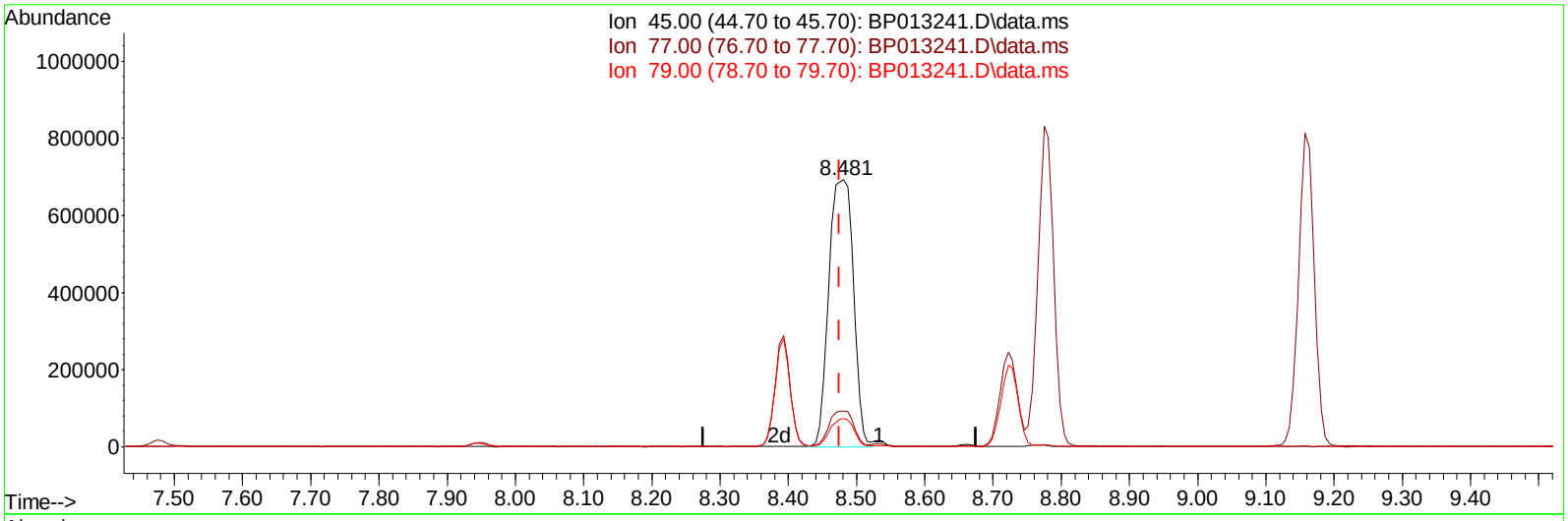


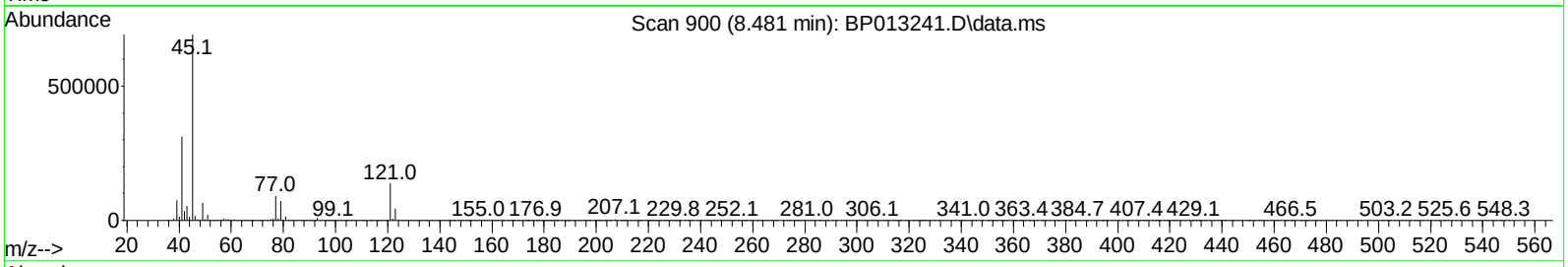


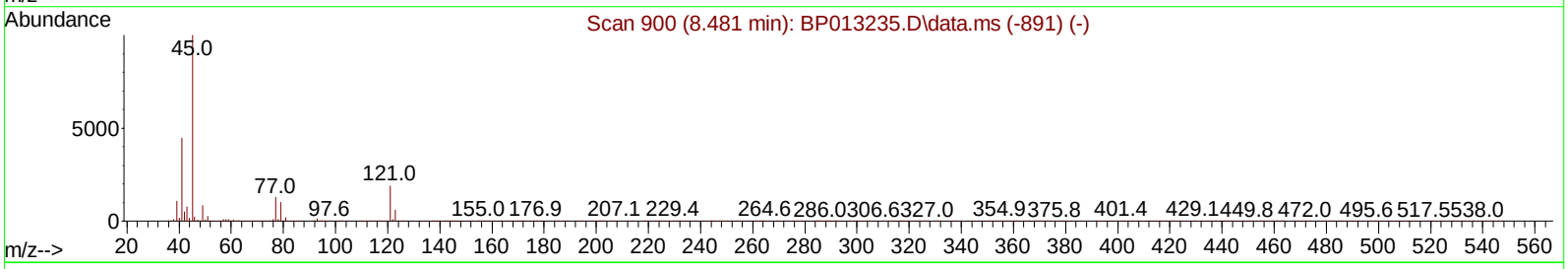


TIC: BP013241.D\data.ms

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

**8.481min (+ 0.006) 37.71 ng/ul m**

**response 1737874**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.80 | 13.25 |
| 79.00 | 11.60 | 10.43 |
| 0.00 | 0.00 | 0.00 |

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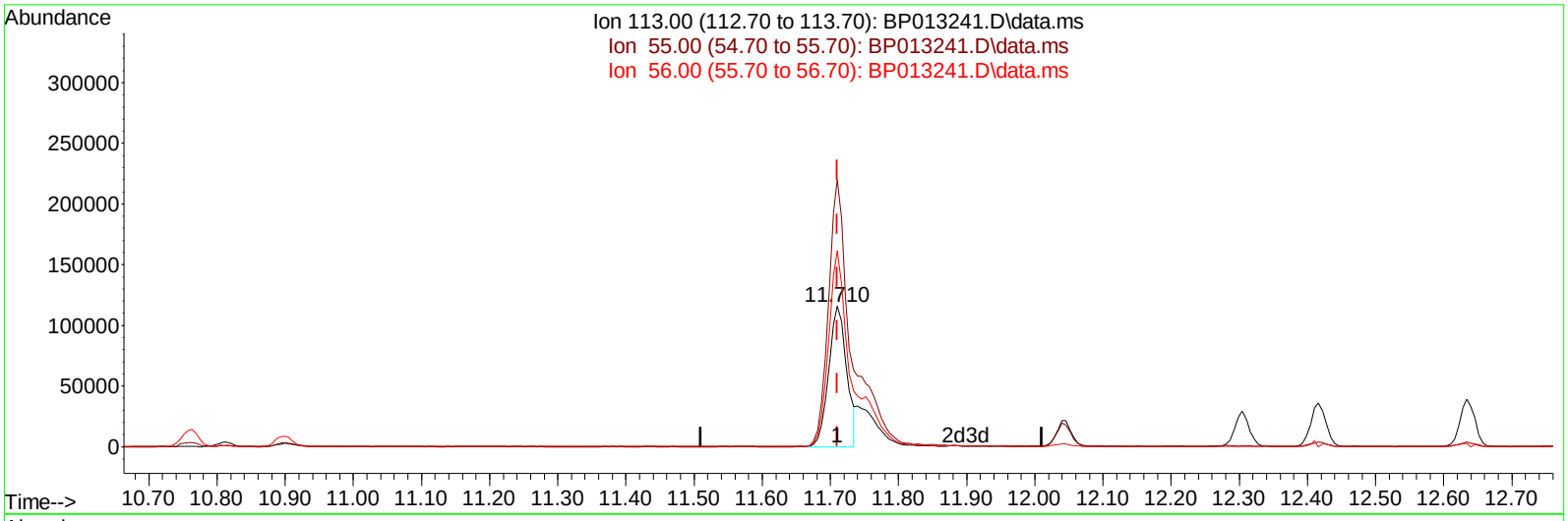


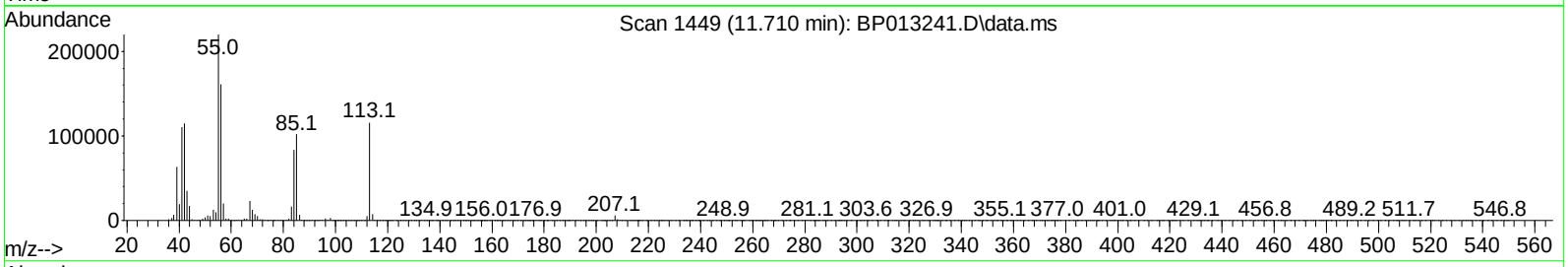


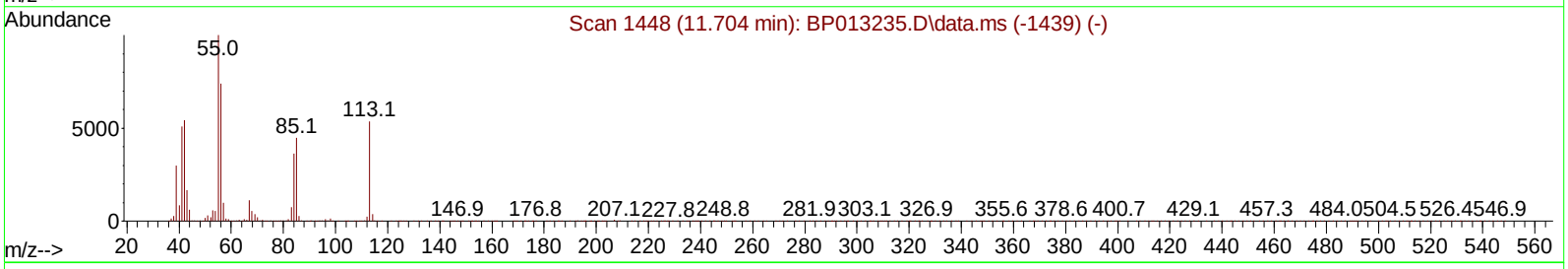


TIC: BP013241.D\data.ms

**(34) Caprolactam**

**11.710min (-0.000) 19.52 ng/ul**

**response 212645**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 177.40 | 189.89 |
| 56.00 | 124.50 | 139.28 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/23/2022
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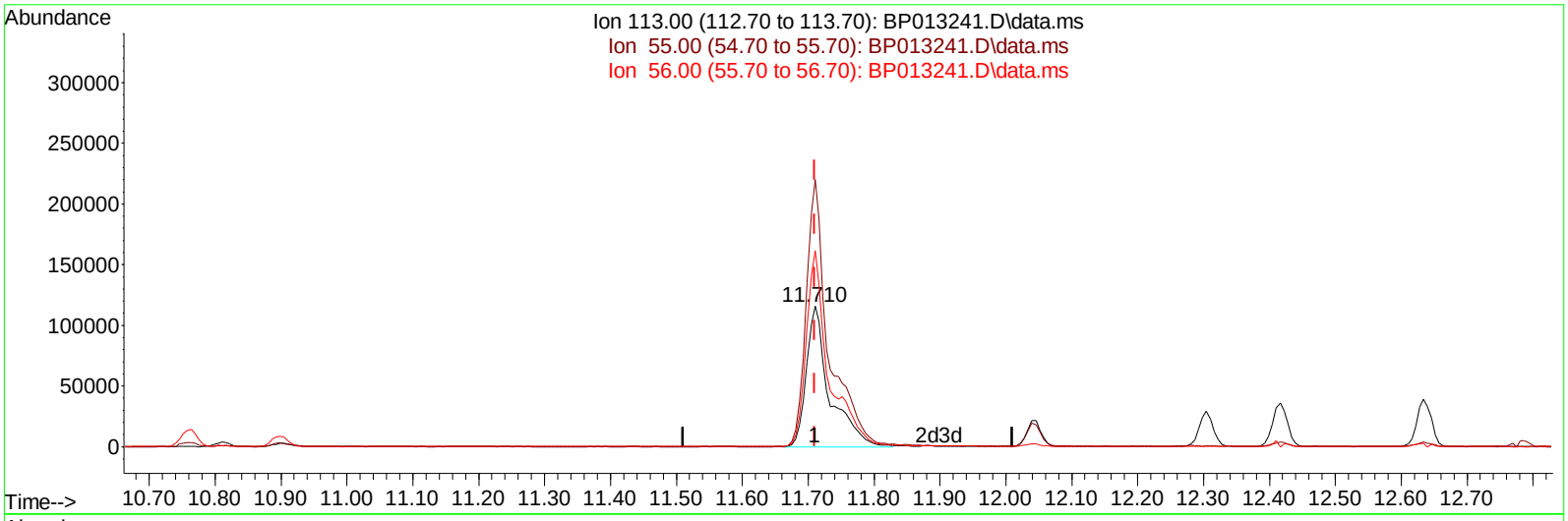


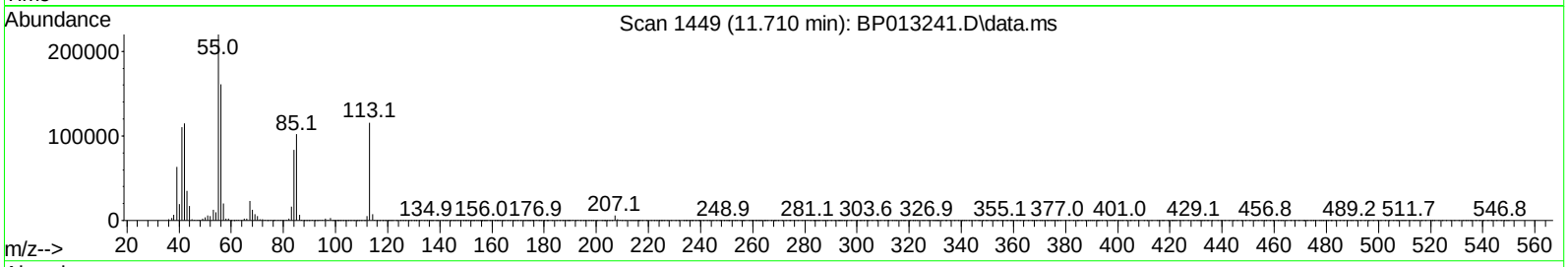


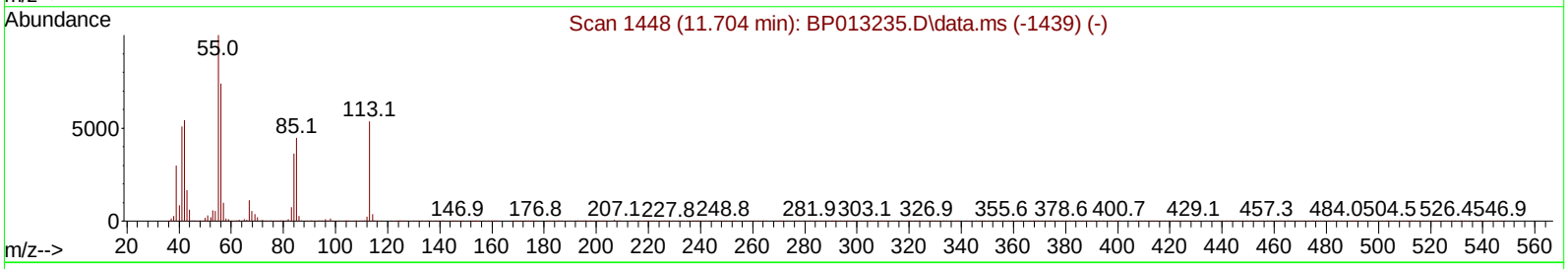


TIC: BP013241.D\data.ms

**(34) Caprolactam**

**11.710min (-0.000) 26.16 ng/ul m**

**response 284964**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 177.40 | 189.89 |
| 56.00 | 124.50 | 139.28 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SLCS826

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.946 | 152 | 496810 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.763 | 136 | 2030173 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.587 | 164 | 1178998 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.345 | 188 | 2123170 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.433 | 240 | 1825087 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.910 | 264 | 2114996 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.334 | 96 | 72134 | 6.208 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.758 | 84 | 1043543 | 31.616 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.105 | 99 | 1390501 | 34.362 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.275 | 67 | 855538 | 35.047 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.475 | 132 | 1096984 | 34.436 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.658 | 113 | 1088255 | 32.821 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.116 | 128 | 529949 | 35.528 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.840 | 143 | 603325 | 35.928 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.381 | 165 | 1138807 | 34.914 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.899 | 131 | 1302187 | 28.279 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.998 | 166 | 2897618 | 31.979 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.287 | 160 | 3445258 | 34.603 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.787 | 143 | 447607 | 27.462 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.581 | 176 | 2448247 | 31.937 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 200 | 430494 | 31.508 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.445 | 188 | 3342091 | 34.891 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.675 | 212 | 3477604 | 33.196 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.751 | 264 | 3770083 | 35.762 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.370 | 88 | 153463 | 12.652 | ng/uL | 94 |
| 5) Pyridine | 3.781 | 79 | 1103139 | 33.628 | ng/ul | 99 |
| 6) Benzaldehyde | 7.081 | 77 | 868101 | 54.786 | ng/ul | 96 |
| 8) Phenol | 7.134 | 94 | 1468296 | 35.886 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.369 | 93 | 1170450 | 34.854 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.511 | 128 | 1156661 | 35.407 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.393 | 108 | 1090225 | 34.178 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.481 | 45 | 1737874m | 37.713 | ng/ul | |
| 16) Acetophenone | 8.775 | 105 | 1753011 | 34.481 | ng/ul | 95 |
| 17) N-Nitroso-di-n-propyla... | 8.763 | 70 | 882018 | 34.500 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.722 | 108 | 1195321 | 33.832 | ng/ul | 97 |
| 19) Hexachloroethane | 9.034 | 117 | 448959 | 34.392 | ng/ul | 97 |
| 22) Nitrobenzene | 9.158 | 77 | 1311001 | 37.455 | ng/ul | 97 |
| 23) Isophorone | 9.687 | 82 | 2414426 | 34.114 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.875 | 139 | 665530 | 36.577 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.928 | 107 | 1267232 | 35.695 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.169 | 93 | 1555566 | 34.374 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.405 | 162 | 1143114 | 35.777 | ng/ul | 99 |
| 30) Naphthalene | 10.810 | 128 | 3687282 | 34.728 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.922 | 127 | 1294658 | 28.412 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.093 | 225 | 791320 | 36.071 | ng/ul | 99 |
| 34) Caprolactam | 11.710 | 113 | 284964m | 26.157 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.046 | 107 | 1102699 | 33.818 | ng/ul | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.416 | 142 | 2465960 | 33.855 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.634 | 142 | 2435574 | 32.514 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.781 | 216 | 1474301 | 38.834 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.757 | 237 | 661493 | 26.776 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.022 | 196 | 912157 | 37.386 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 13.093 | 196 | 968586 | 36.959 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.422 | 154 | 3254274 | 36.752 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.469 | 162 | 2574213 | 36.938 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.675 | 65 | 659260 | 39.017 | ng/ul | 98 |
| 47) Dimethylphthalate | 14.046 | 163 | 2980835 | 33.191 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.169 | 165 | 587250 | 35.185 | ng/ul | 100 |
| 50) Acenaphthylene | 14.310 | 152 | 3791597 | 35.421 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.498 | 138 | 527810 | 33.491 | ng/ul | 98 |
| 52) Acenaphthene | 14.651 | 153 | 2601757 | 35.075 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.704 | 184 | 277879 | 24.357 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.804 | 109 | 345895 | 31.102 | ng/ul | 96 |
| 56) Dibenzofuran | 14.987 | 168 | 3603389 | 34.167 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.951 | 165 | 792380 | 32.684 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.216 | 232 | 767720 | 32.100 | ng/ul | 99 |
| 59) Diethylphthalate | 15.404 | 149 | 2691310 | 30.827 | ng/ul | 100 |
| 61) Fluorene | 15.640 | 166 | 2832192 | 33.485 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.628 | 204 | 1518382 | 33.946 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.663 | 138 | 525730 | 37.910 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.716 | 198 | 444536 | 33.294 | ng/ul# | 94 |
| 67) N-Nitrosodiphenylamine | 15.845 | 169 | 2327786 | 39.546 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.528 | 248 | 876849 | 38.029 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.645 | 284 | 1008736 | 36.845 | ng/ul | 99 |
| 70) Atrazine | 16.798 | 200 | 760494 | 33.154 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.992 | 266 | 566254 | 34.153 | ng/ul | 100 |
| 72) Phenanthrene | 17.387 | 178 | 3991996 | 36.098 | ng/ul | 100 |
| 74) Anthracene | 17.481 | 178 | 4034774 | 36.540 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.387 | 216 | 1466996 | 48.429 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.904 | 250 | 1303409 | 42.203 | ng/uL | 99 |
| 77) Carbazole | 17.751 | 167 | 3358814 | 36.119 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.292 | 149 | 3641197 | 32.159 | ng/ul | 100 |
| 80) Fluoranthene | 19.351 | 202 | 4212758 | 35.431 | ng/ul | 99 |
| 82) Pyrene | 19.704 | 202 | 4378184 | 35.696 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.569 | 149 | 1348552 | 28.461 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.345 | 252 | 1367759 | 33.174 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.416 | 228 | 4504866 | 37.182 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.327 | 149 | 1777888 | 26.599 | ng/ul | 100 |
| 87) Chrysene | 21.475 | 228 | 4258264 | 37.165 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.274 | 149 | 3221079 | 27.185 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.151 | 252 | 4878198 | 36.170 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.198 | 252 | 4828071 | 36.102 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.798 | 252 | 4409705 | 37.551 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.504 | 276 | 5924259 | 40.500 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.515 | 278 | 4996514 | 41.256 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.304 | 276 | 4886971 | 41.615 | ng/ul | 99 |

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

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