Quantitation Report (Qedit)

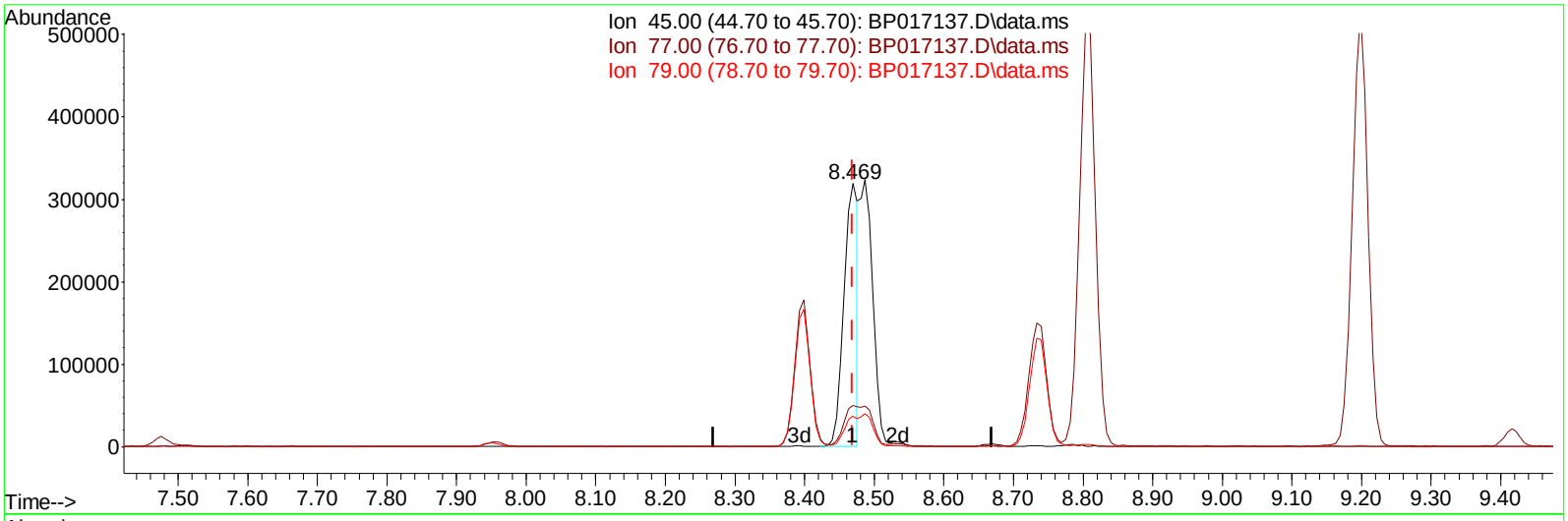
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017137.D
Acq On : 13 Sep 2023 03:36
Operator : MA/JU
Sample : PB155343BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

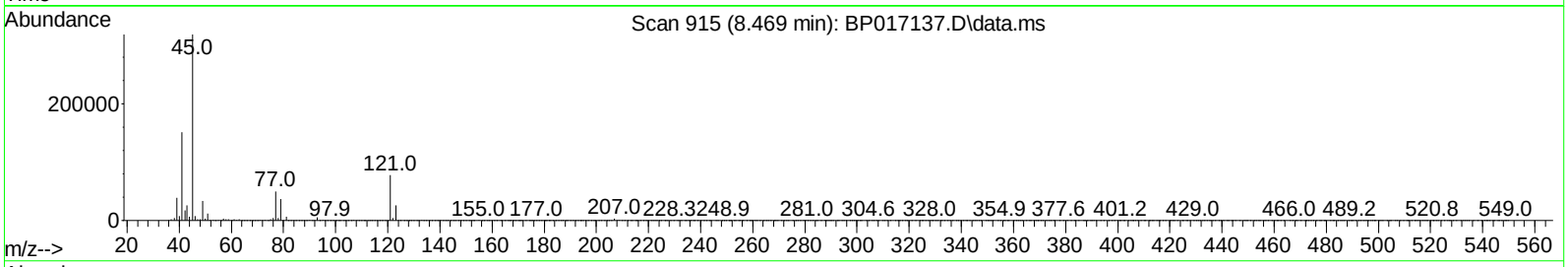
Quant Time: Sep 13 04:12:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

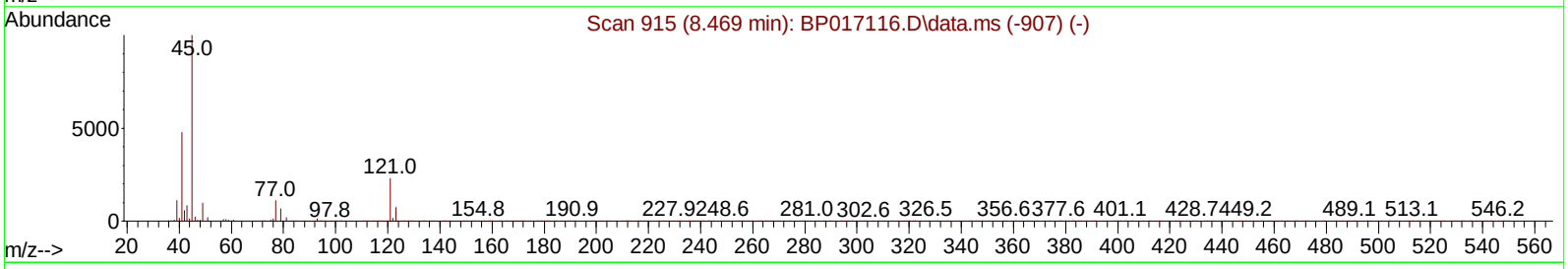
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS343

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023




TIC: BP017137.D\data.ms

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

**8.469min (+ 0.000) 18.74 ng/ul**

**response 441633**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.60 | 15.65 |
| 79.00 | 11.00 | 11.67 |
| 0.00 | 0.00 | 0.00 |

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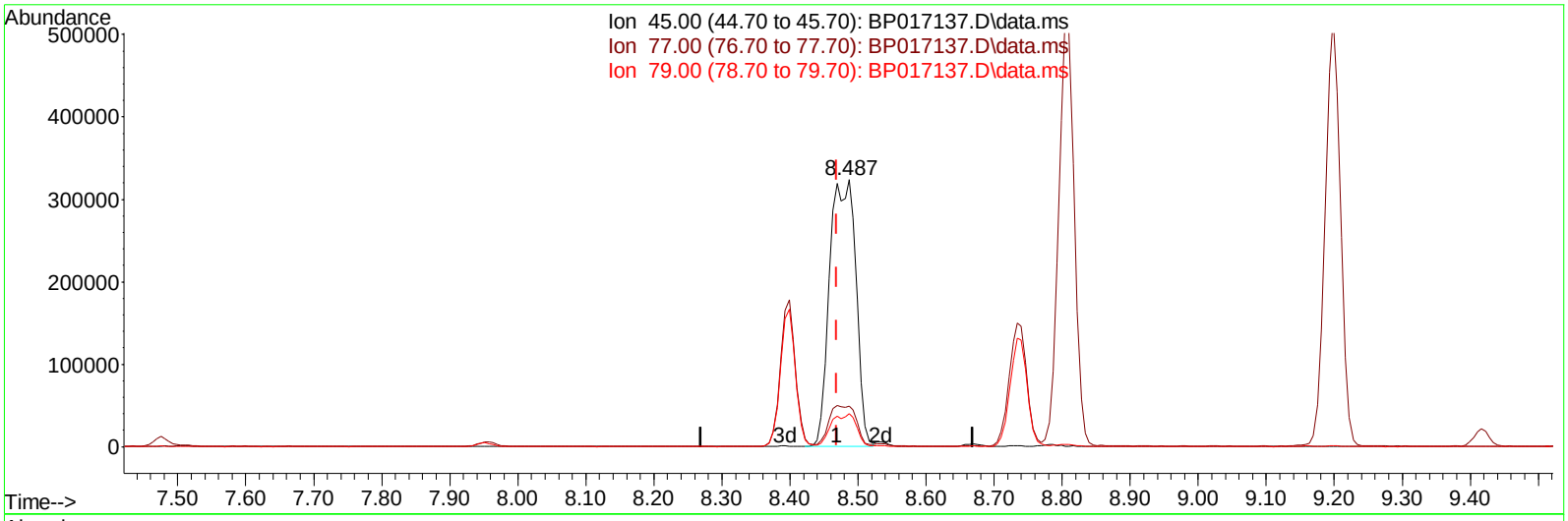


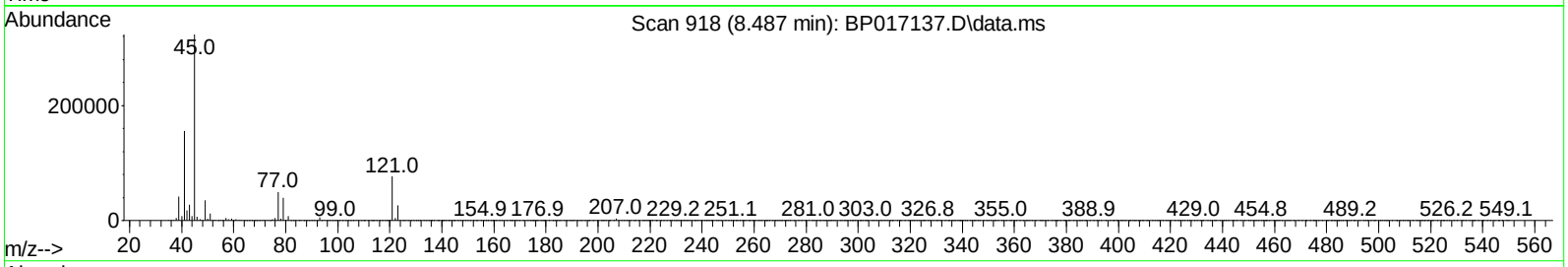


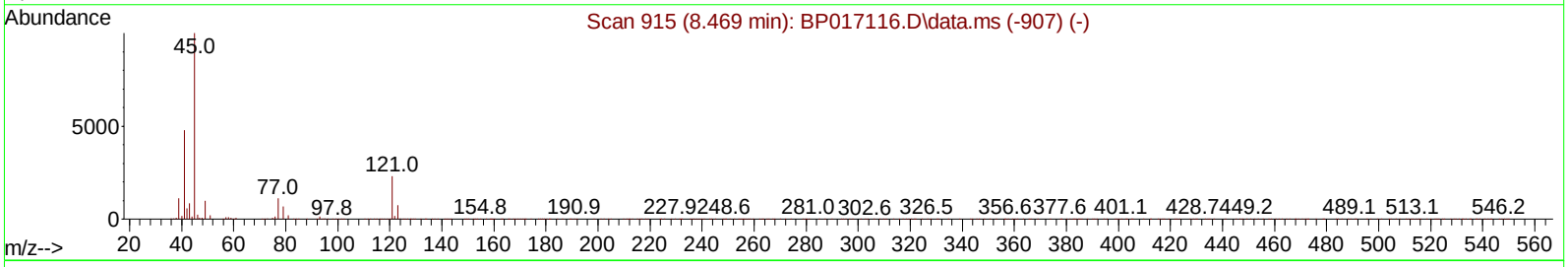


TIC: BP017137.D\data.ms

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

**8.487min (+ 0.018) 36.64 ng/ul m**

**response 863561**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.60 | 15.34 |
| 79.00 | 11.00 | 12.30 |
| 0.00 | 0.00 | 0.00 |

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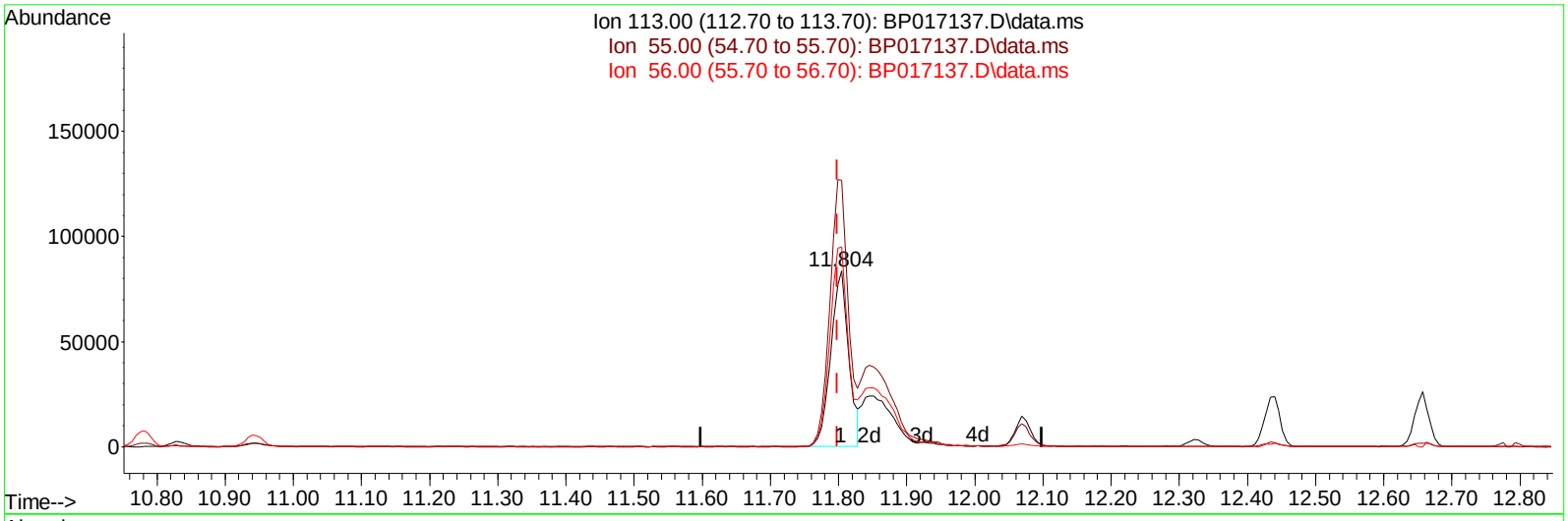


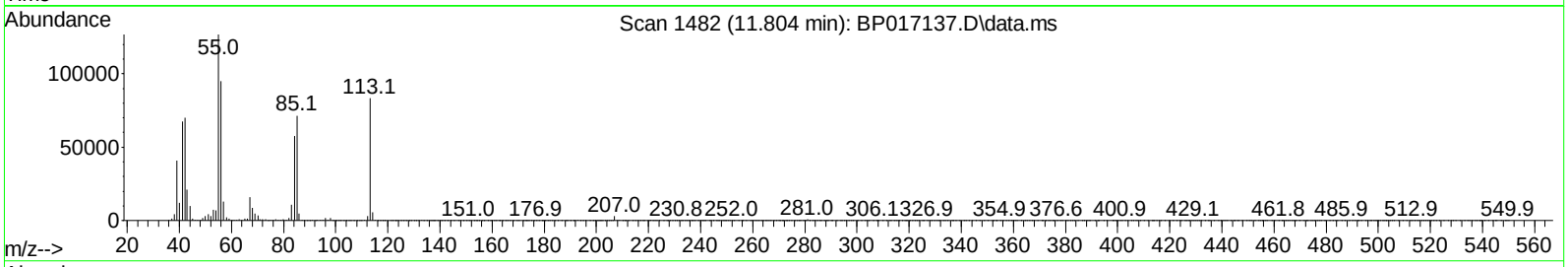


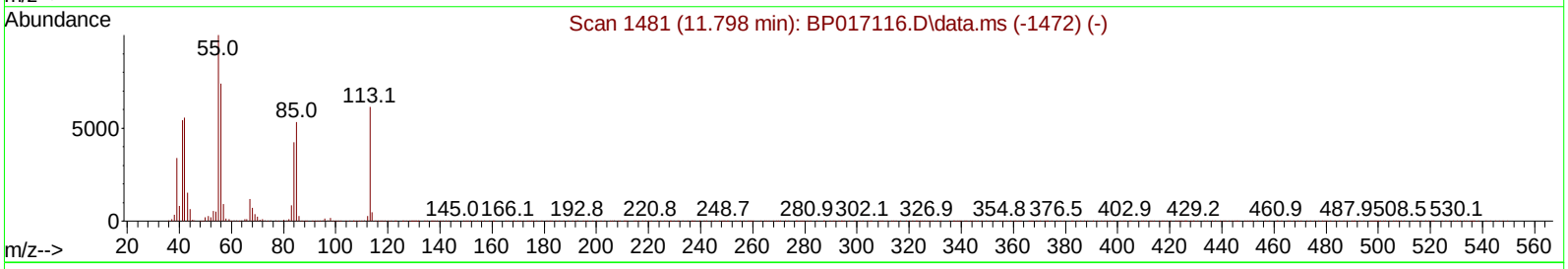


TIC: BP017137.D\data.ms

**(34) Caprolactam**

**11.804min (+ 0.006) 29.56 ng/ul**

**response 152469**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 163.40 | 151.68 |
| 56.00 | 121.00 | 113.78 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/13/2023
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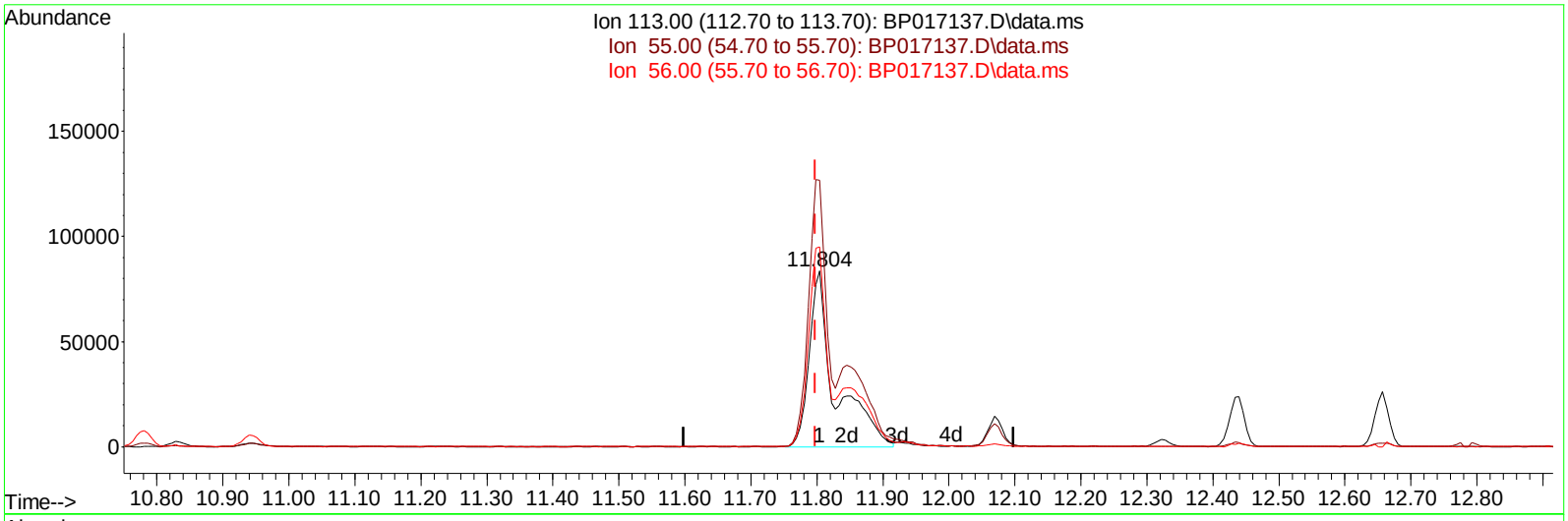


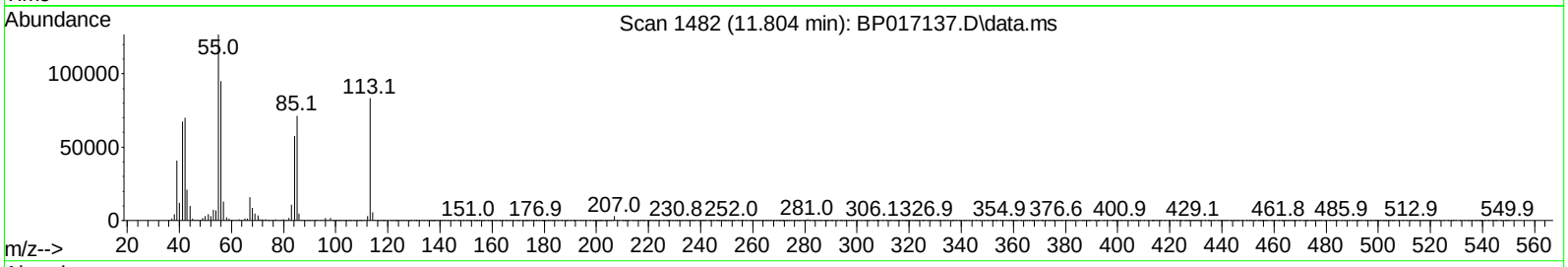


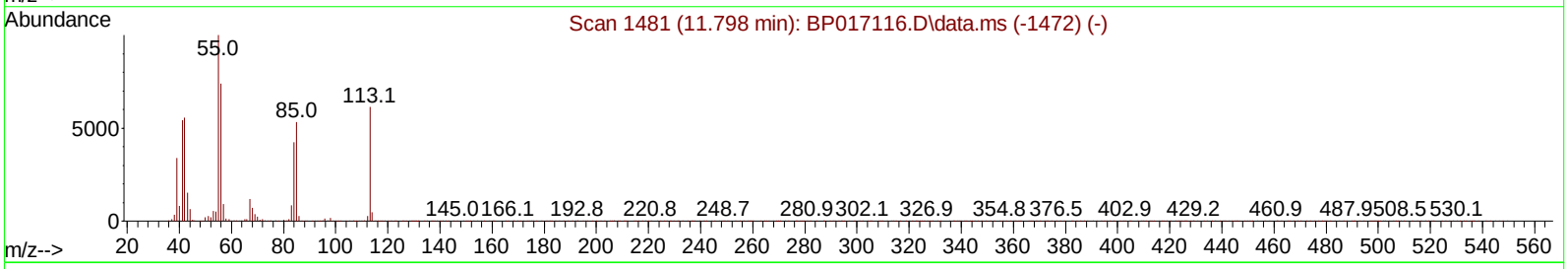


TIC: BP017137.D\data.ms

**(34) Caprolactam**

**11.804min (+ 0.006) 44.30 ng/ul m**

**response 228527**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 163.40 | 151.68 |
| 56.00 | 121.00 | 113.78 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SLCS343

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 254247 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.781 | 136 | 1121326 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.616 | 164 | 712457 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.381 | 188 | 1620786 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.486 | 240 | 1590297 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.010 | 264 | 1644260 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.311 | 96 | 42291 | 6.990 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.746 | 84 | 602941 | 34.837 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.105 | 99 | 839191 | 40.592 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.299 | 67 | 489573 | 37.888 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.475 | 132 | 652903 | 39.588 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.669 | 113 | 659423 | 38.487 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.157 | 128 | 318025 | 40.503 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.869 | 143 | 361463 | 43.121 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.393 | 165 | 673268 | 41.531 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.946 | 131 | 861722 | 35.267 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.028 | 166 | 2004053 | 39.528 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.316 | 160 | 2263082 | 39.338 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.840 | 143 | 382888 | 39.075 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.610 | 176 | 1718715 | 39.206 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200 | 365633 | 40.378 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.486 | 188 | 2668832 | 38.755 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.722 | 212 | 3362779 | 40.320 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.845 | 264 | 3293836 | 42.443 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.352 | 88 | 92023 | 14.145 | ng/uL | 94 |
| 5) Pyridine | 3.769 | 79 | 610340 | 34.045 | ng/ul | 97 |
| 6) Benzaldehyde | 7.116 | 77 | 435812 | 37.865 | ng/ul | 97 |
| 8) Phenol | 7.134 | 94 | 876369 | 40.193 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.393 | 93 | 676712 | 38.913 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.510 | 128 | 680349 | 40.641 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.399 | 108 | 640169 | 39.383 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.487 | 45 | 863561m | 36.641 | ng/ul | |
| 16) Acetophenone | 8.805 | 105 | 1066910 | 39.784 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.781 | 70 | 544493 | 39.511 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.734 | 108 | 718714 | 39.964 | ng/ul | 98 |
| 19) Hexachloroethane | 9.022 | 117 | 273032 | 39.657 | ng/ul | 94 |
| 22) Nitrobenzene | 9.199 | 77 | 815640 | 39.889 | ng/ul | 98 |
| 23) Isophorone | 9.716 | 82 | 1519412 | 39.652 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.899 | 139 | 400192 | 42.955 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.940 | 107 | 605028 | 31.865 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.199 | 93 | 938600 | 39.082 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.422 | 162 | 677180 | 41.267 | ng/ul | 97 |
| 30) Naphthalene | 10.834 | 128 | 2214578 | 39.029 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.969 | 127 | 761112 | 31.920 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.057 | 225 | 435559 | 39.090 | ng/ul | 98 |
| 34) Caprolactam | 11.804 | 113 | 228527m | 44.304 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.069 | 107 | 737321 | 41.528 | ng/ul | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.440 | 142 | 1510313 | 39.446 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.657 | 142 | 1464173 | 37.779 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.787 | 216 | 843134 | 39.733 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.734 | 237 | 391259 | 29.593 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.040 | 196 | 537812 | 39.896 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.110 | 196 | 594532 | 41.485 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.445 | 154 | 2052068 | 40.167 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.498 | 162 | 1617546 | 39.870 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.734 | 65 | 479716 | 43.653 | ng/ul | 95 |
| 47) Dimethylphthalate | 14.081 | 163 | 2090295 | 40.614 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.222 | 165 | 429049 | 45.598 | ng/ul | 100 |
| 50) Acenaphthylene | 14.345 | 152 | 2535333 | 38.148 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.563 | 138 | 447284 | 44.435 | ng/ul | 99 |
| 52) Acenaphthene | 14.681 | 153 | 1748589 | 39.760 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.763 | 184 | 250416 | 37.996 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.851 | 109 | 315831 | 40.271 | ng/ul | 97 |
| 56) Dibenzofuran | 15.016 | 168 | 2442565 | 40.190 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.004 | 165 | 629831 | 44.952 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.234 | 232 | 491897 | 39.125 | ng/ul | 96 |
| 59) Diethylphthalate | 15.434 | 149 | 2090674 | 41.143 | ng/ul | 99 |
| 61) Fluorene | 15.669 | 166 | 2012973 | 40.062 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.657 | 204 | 1031045 | 40.360 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.734 | 138 | 456455 | 48.777 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.757 | 198 | 385319 | 39.649 | ng/ul# | 95 |
| 67) N-Nitrosodiphenylamine | 15.887 | 169 | 1708990 | 40.552 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.563 | 248 | 643595 | 41.658 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.639 | 284 | 754523 | 41.261 | ng/ul | 99 |
| 70) Atrazine | 16.839 | 200 | 290301 | 19.030 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.010 | 266 | 405553 | 34.125 | ng/ul | 100 |
| 72) Phenanthrene | 17.428 | 178 | 3275391 | 40.213 | ng/ul | 99 |
| 74) Anthracene | 17.522 | 178 | 3222166 | 39.059 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.398 | 216 | 84768 | 3.783 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.910 | 250 | 867813 | 42.677 | ng/uL | 99 |
| 77) Carbazole | 17.804 | 167 | 3038093 | 41.941 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.316 | 149 | 3661683 | 44.360 | ng/ul | 99 |
| 80) Fluoranthene | 19.392 | 202 | 4046729 | 41.512 | ng/ul | 100 |
| 82) Pyrene | 19.751 | 202 | 4213508 | 40.906 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.610 | 149 | 1722023 | 46.875 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.410 | 252 | 1423141 | 43.649 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.469 | 228 | 4215037 | 40.480 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.345 | 149 | 2480954 | 48.109 | ng/ul | 98 |
| 87) Chrysene | 21.527 | 228 | 3966551 | 40.951 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.310 | 149 | 4280005 | 46.944 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.227 | 252 | 4225703 | 43.600 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.280 | 252 | 4159334 | 43.169 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.898 | 252 | 3716075 | 41.327 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.692 | 276 | 4608804 | 46.287 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.715 | 278 | 3894827 | 46.566 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.527 | 276 | 3602532 | 46.790 | ng/ul | 99 |

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

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