Quantitation Report (Qedit)

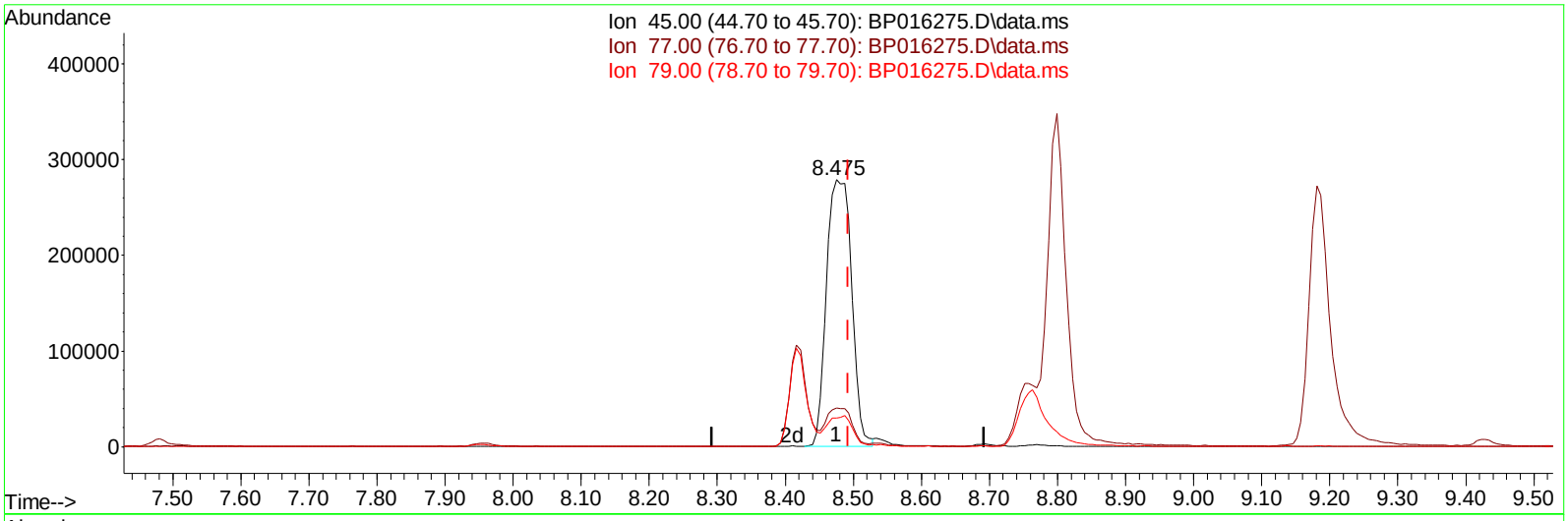
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016275.D
Acq On : 18 Jul 2023 03:28
Operator : MA/JU
Sample : PB153934BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

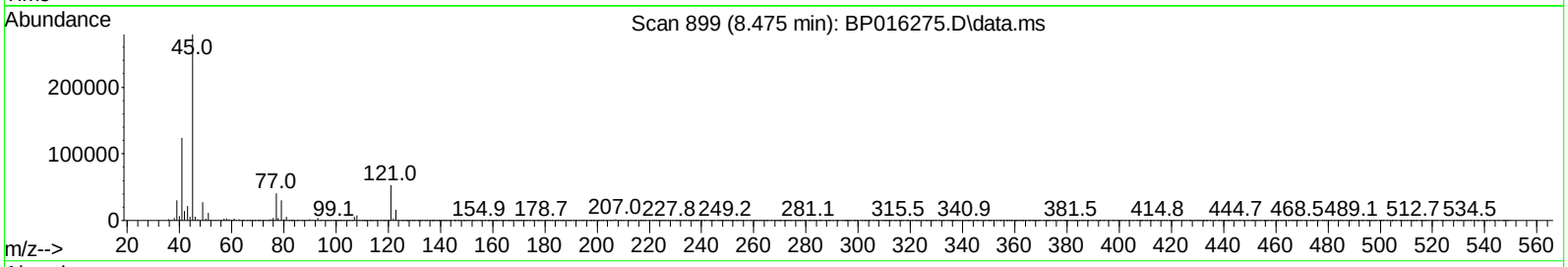
Quant Time: Jul 18 04:04:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

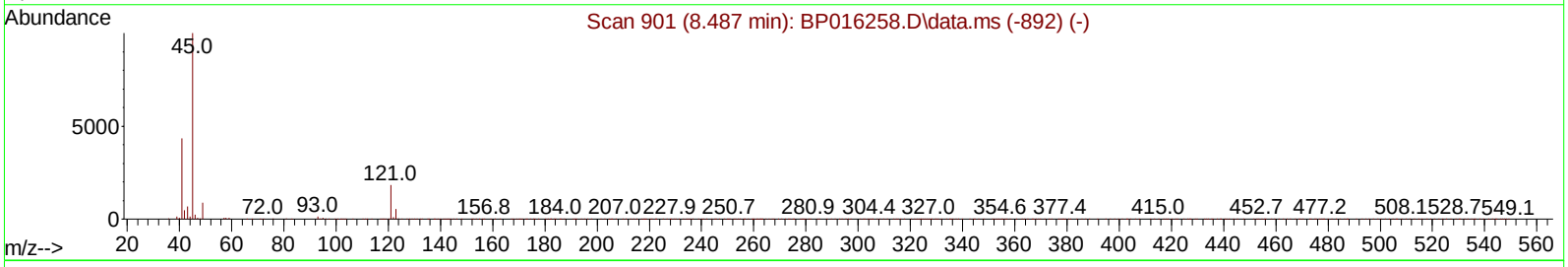
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS934

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023




TIC: BP016275.D\data.ms

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

**8.475min (-0.018) 32.05 ng/ul**

**response 714082**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.60 | 14.63 |
| 79.00 | 10.90 | 10.83 |
| 0.00 | 0.00 | 0.00 |

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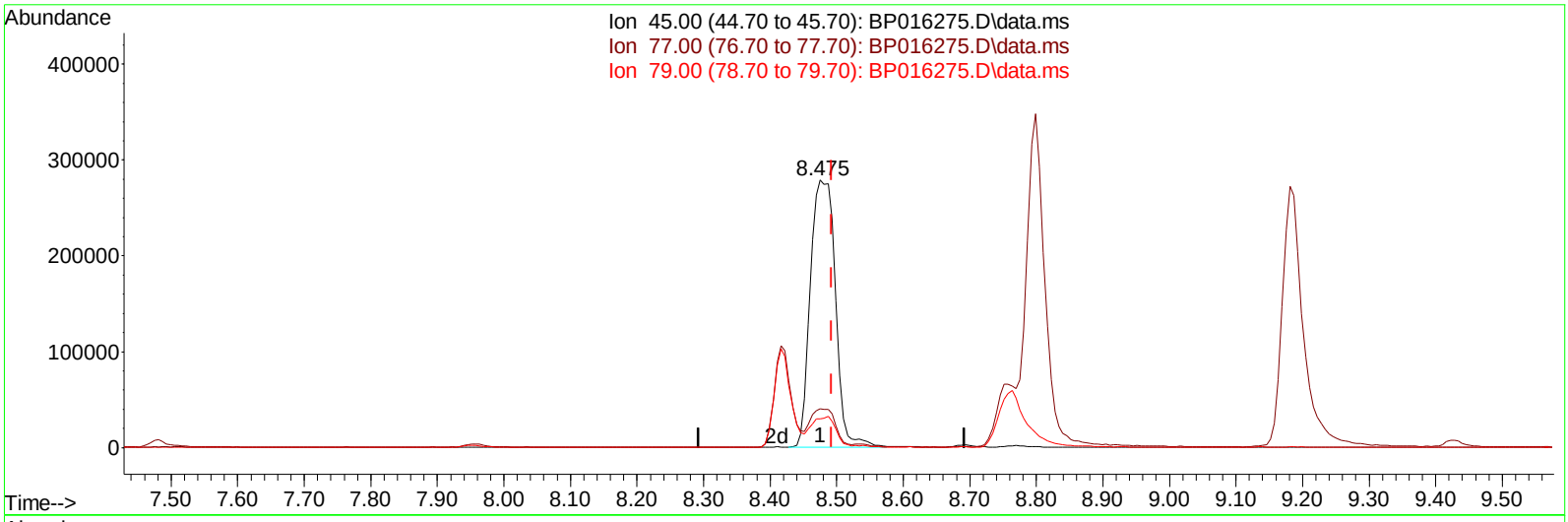


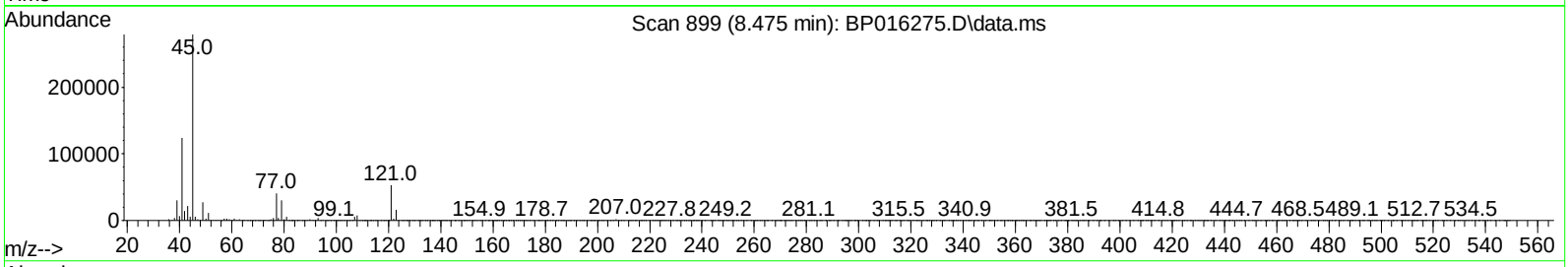


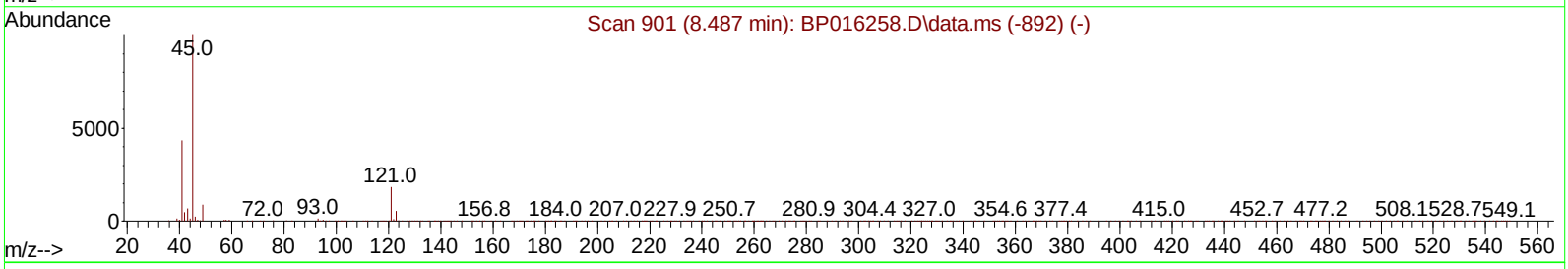


TIC: BP016275.D\data.ms

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

**8.475min (-0.018) 32.70 ng/ul m**

**response 728547**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.60 | 14.63 |
| 79.00 | 10.90 | 10.83 |
| 0.00 | 0.00 | 0.00 |

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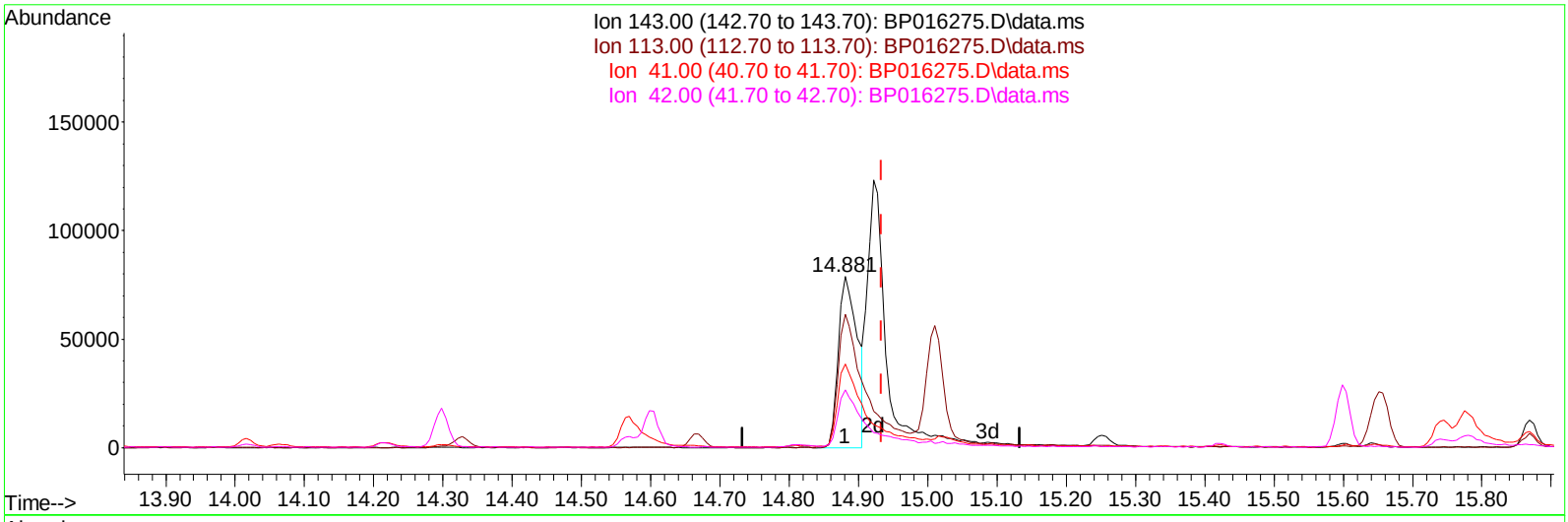


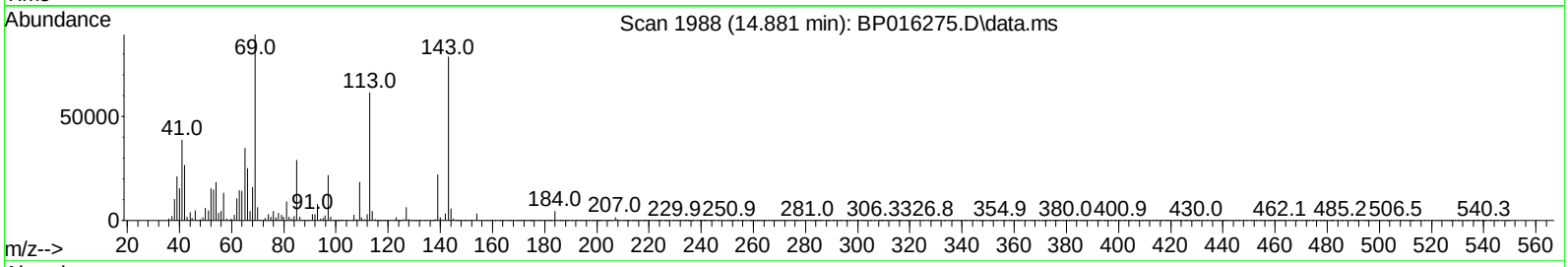


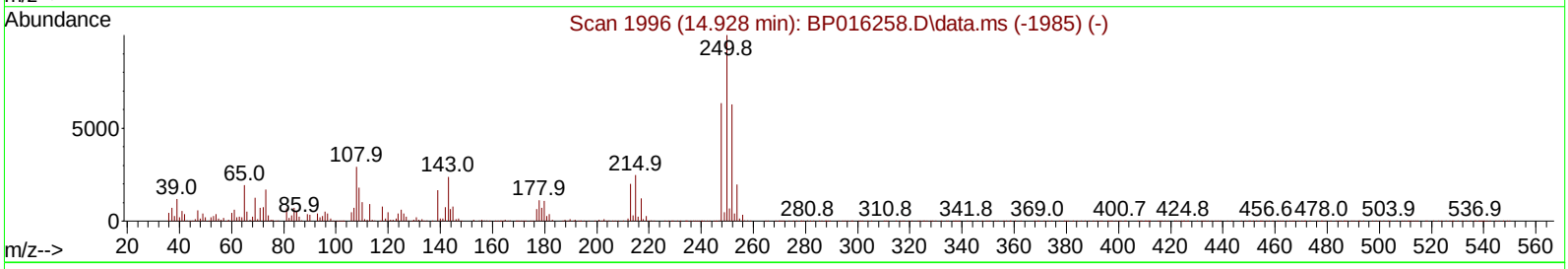


TIC: BP016275.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.881min (-0.053) 17.17 ng/ul**

**response 148674**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 79.50 | 78.06 |
| 41.00 | 49.30 | 49.07 |
| 42.00 | 32.70 | 33.91 |

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**Instrument :**
BNA_P
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SLCS934

**Manual IntegrationsAPPROVED**

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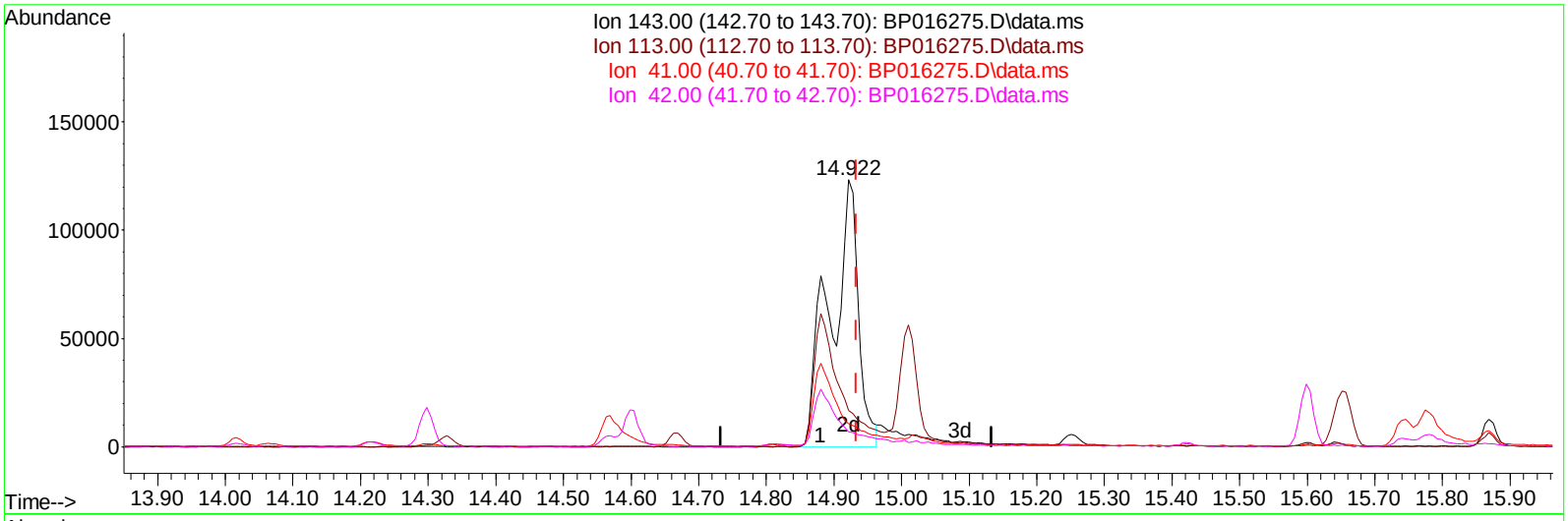


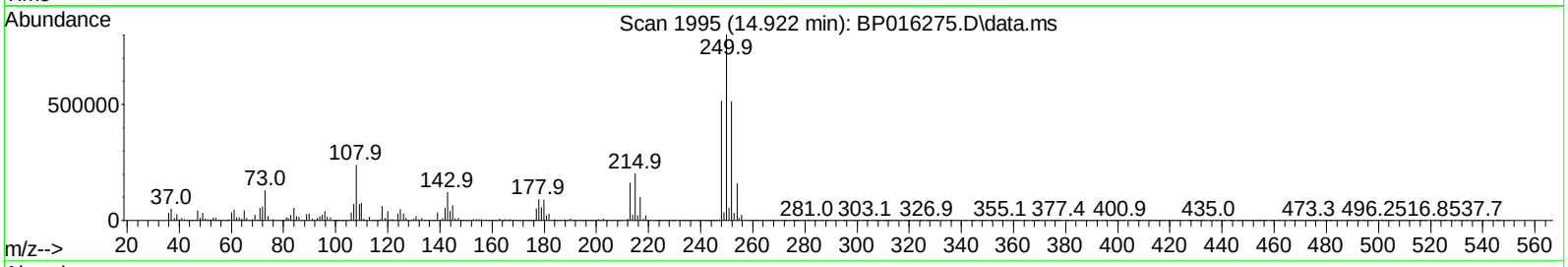


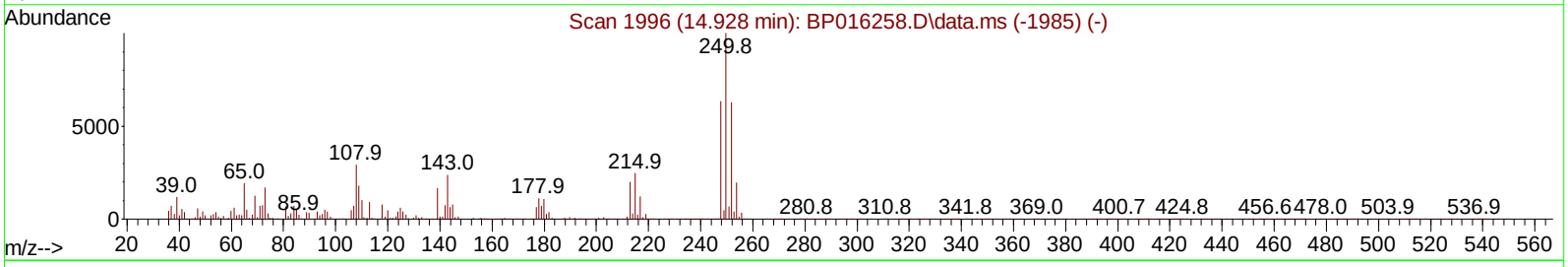


TIC: BP016275.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.922min (-0.012) 40.79 ng/ul m**

**response 353101**

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 79.50 | 13.53# |
| 41.00 | 49.30 | 8.56# |
| 42.00 | 32.70 | 5.54# |

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**Instrument :**
BNA_P
**ClientSampleId :**
SLCS934

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 174342 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.763 | 136 | 856282 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.604 | 164 | 556095 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.369 | 188 | 1275092 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.463 | 240 | 1286466 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.963 | 264 | 1372624 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.281 | 96 | 32430 | 6.582 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.728 | 84 | 430759 | 35.057 | ng/ul | -0.01 |
| 7) Phenol-d5 | 7.134 | 99 | 607027 | 38.548 | ng/ul | -0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 376383 | 35.347 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.481 | 132 | 436402 | 38.389 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.687 | 113 | 465017 | 36.657 | ng/ul | -0.02 |
| 21) Nitrobenzene-d5 | 9.140 | 128 | 222219 | 37.617 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.863 | 143 | 252511 | 37.504 | ng/ul | -0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.422 | 165 | 450013 | 38.597 | ng/ul | -0.02 |
| 31) 4-Chloroaniline-d4 | 10.940 | 131 | 580087 | 31.040 | ng/ul | -0.02 |
| 46) Dimethylphthalate-d6 | 14.016 | 166 | 1395931 | 32.908 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.298 | 160 | 1600995 | 34.439 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.922 | 143 | 353101m | 40.787 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.598 | 176 | 1214477 | 34.210 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.781 | 200 | 231186 | 31.408 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.475 | 188 | 1913882 | 34.314 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.704 | 212 | 2387850 | 35.770 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.786 | 264 | 2398993 | 36.394 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 66204 | 12.250 | ng/uL | 93 |
| 5) Pyridine | 3.746 | 79 | 421476 | 33.488 | ng/ul | 98 |
| 6) Benzaldehyde | 7.111 | 77 | 267133 | 27.167 | ng/ul | 99 |
| 8) Phenol | 7.163 | 94 | 604754 | 35.825 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.375 | 93 | 467111 | 34.025 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.511 | 128 | 435497 | 36.924 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.416 | 108 | 444157 | 34.958 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.475 | 45 | 728547m | 32.700 | ng/ul | |
| 16) Acetophenone | 8.799 | 105 | 736434 | 35.205 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.769 | 70 | 394704 | 35.195 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.758 | 108 | 487150 | 35.062 | ng/ul | 98 |
| 19) Hexachloroethane | 9.010 | 117 | 181233 | 33.705 | ng/ul | 97 |
| 22) Nitrobenzene | 9.181 | 77 | 600057 | 34.961 | ng/ul | 99 |
| 23) Isophorone | 9.699 | 82 | 1110442 | 32.639 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.899 | 139 | 256944 | 35.519 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.957 | 107 | 469880 | 29.537 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.181 | 93 | 682137 | 34.433 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.452 | 162 | 426560 | 35.580 | ng/ul | 97 |
| 30) Naphthalene | 10.816 | 128 | 1481128 | 32.960 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.969 | 127 | 489403 | 26.330 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.075 | 225 | 261933 | 32.168 | ng/ul | 98 |
| 34) Caprolactam | 11.781 | 113 | 148432 | 34.199 | ng/ul | 97 |
| 35) 4-Chloro-3-methylphenol | 12.104 | 107 | 523045 | 35.353 | ng/ul | 99 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.434 | 142 | 985316 | 32.703 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.651 | 142 | 1007537 | 32.515 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.804 | 216 | 537185 | 33.917 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.751 | 237 | 97153 | 15.625 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 13.063 | 196 | 327304 | 32.710 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.157 | 196 | 357077 | 33.565 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.434 | 154 | 1363950 | 33.624 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.487 | 162 | 1087593 | 34.125 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.728 | 65 | 375813 | 36.183 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.063 | 163 | 1375176 | 32.097 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.216 | 165 | 283521 | 35.102 | ng/ul | 96 |
| 50) Acenaphthylene | 14.328 | 152 | 1688286 | 31.620 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.569 | 138 | 284579 | 34.696 | ng/ul | 92 |
| 52) Acenaphthene | 14.669 | 153 | 1176354 | 32.575 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.810 | 184 | 125952 | 22.279 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.922 | 109 | 115941 | 17.599 | ng/ul# | 52 |
| 56) Dibenzofuran | 15.010 | 168 | 1634667 | 33.233 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.028 | 165 | 423248 | 35.522 | ng/ul | 84 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.251 | 232 | 286459 | 29.670 | ng/ul | 99 |
| 59) Diethylphthalate | 15.422 | 149 | 1414420 | 31.746 | ng/ul | 99 |
| 61) Fluorene | 15.657 | 166 | 1346434 | 32.767 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.645 | 204 | 646854 | 32.548 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.739 | 138 | 267462 | 35.506 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.798 | 198 | 220349 | 28.641 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.869 | 169 | 1144364 | 33.859 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.545 | 248 | 406022 | 33.507 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.669 | 284 | 476538 | 32.655 | ng/ul | 99 |
| 70) Atrazine | 16.839 | 200 | 118791 | 8.864 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.039 | 266 | 186089 | 25.429 | ng/ul | 99 |
| 72) Phenanthrene | 17.410 | 178 | 2212889 | 33.308 | ng/ul | 100 |
| 74) Anthracene | 17.510 | 178 | 2197071 | 32.910 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.404 | 216 | 550439 | 32.883 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.928 | 250 | 1260529 | 79.777 | ng/uL | 98 |
| 77) Carbazole | 17.798 | 167 | 2062883 | 33.891 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.304 | 149 | 2539687 | 33.308 | ng/ul | 100 |
| 80) Fluoranthene | 19.380 | 202 | 2720884 | 34.856 | ng/ul | 99 |
| 82) Pyrene | 19.739 | 202 | 2850271 | 34.199 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.580 | 149 | 1255120 | 34.919 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.380 | 252 | 913489 | 30.390 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.445 | 228 | 2806437 | 33.500 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.327 | 149 | 1854567 | 34.539 | ng/ul | 100 |
| 87) Chrysene | 21.504 | 228 | 2766595 | 32.600 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.269 | 149 | 3254773 | 37.856 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.186 | 252 | 2863109 | 36.516 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.239 | 252 | 2852372 | 35.748 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.845 | 252 | 2468194 | 31.777 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.580 | 276 | 2859078 | 29.726 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.580 | 278 | 2351219 | 29.970 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.409 | 276 | 2245688 | 29.252 | ng/ul | 100 |

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

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