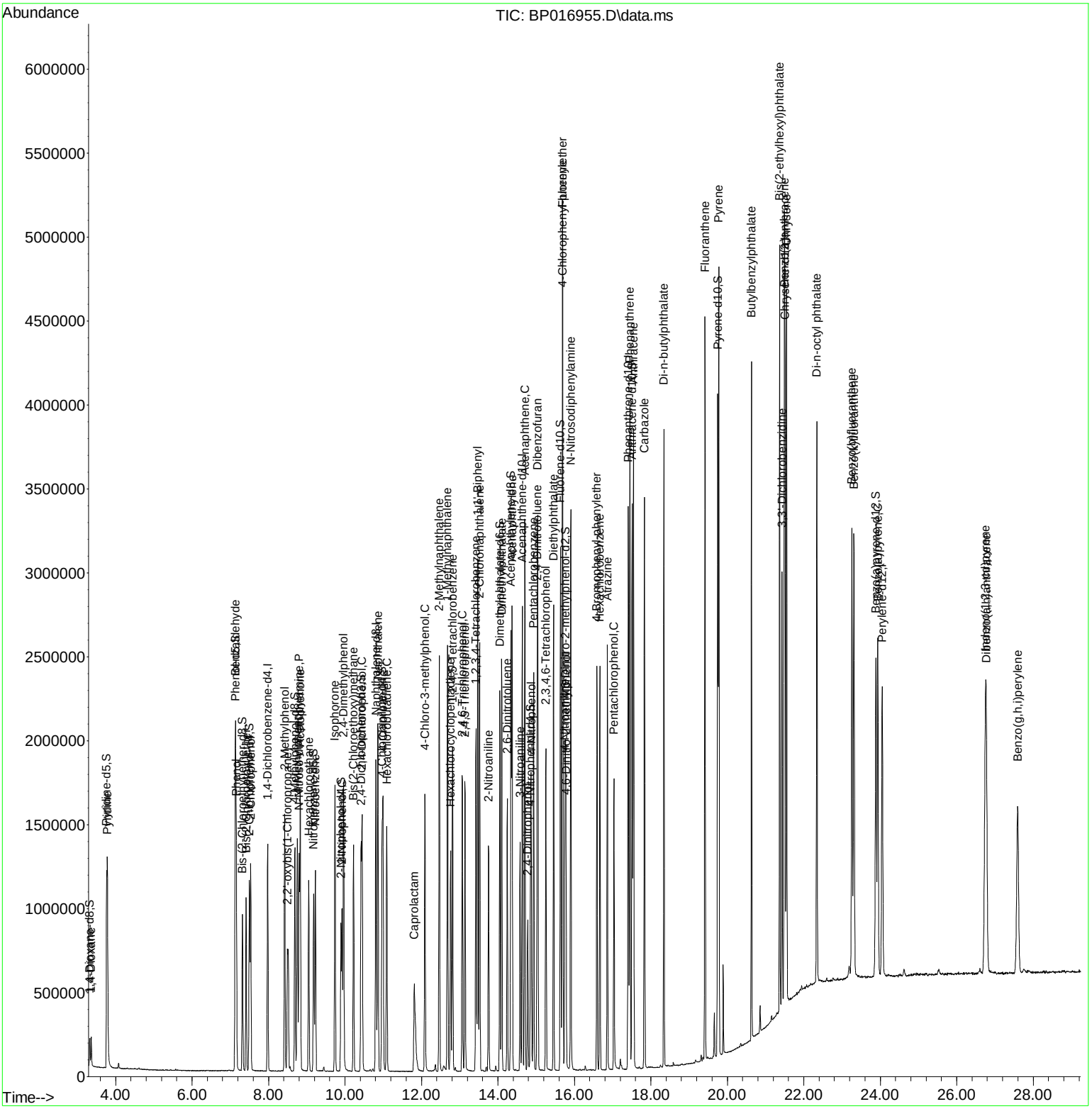
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090523\
Data File : BP016955.D
Acq On : 05 Sep 2023 17:11
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 06 01:54:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:52:05 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SICV602

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



Quantitation Report (Qedit)

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Data File : BP016955.D
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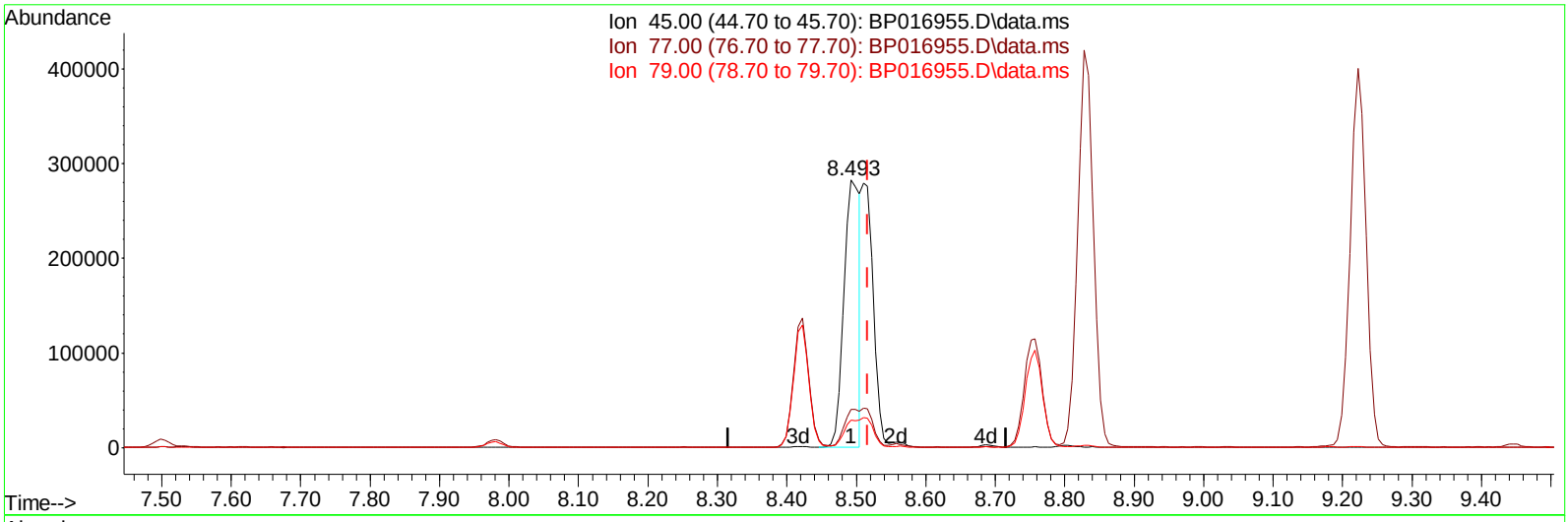


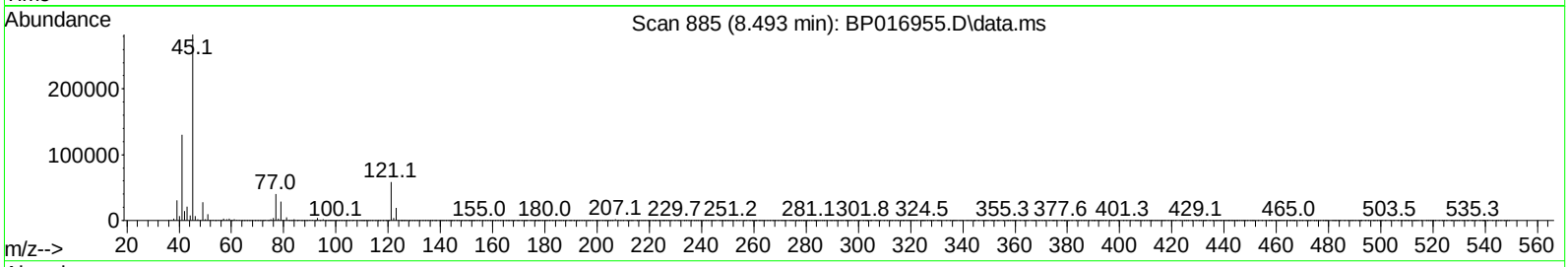


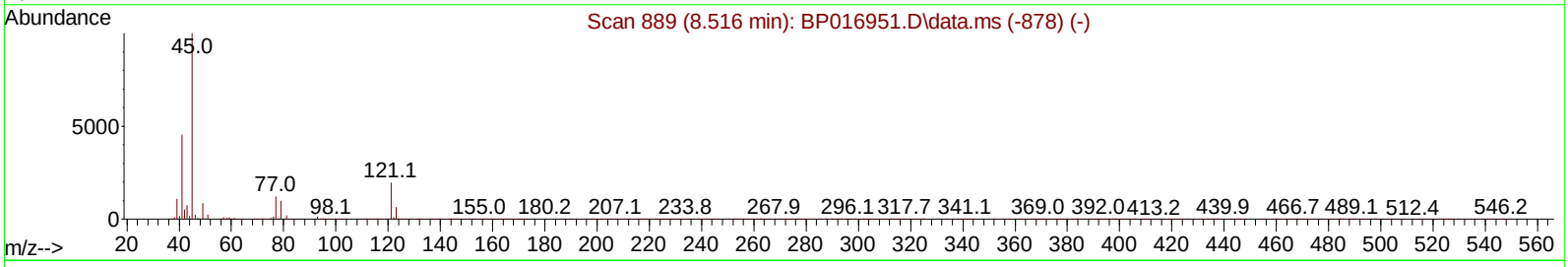


TIC: BP016955.D\data.ms

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

**8.493min (-0.023) 12.54 ng/ul**

**response 451985**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 14.10 | 14.35 |
| 79.00 | 11.20 | 10.30 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : MA/JU
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ALS Vial : 8 Sample Multiplier: 1

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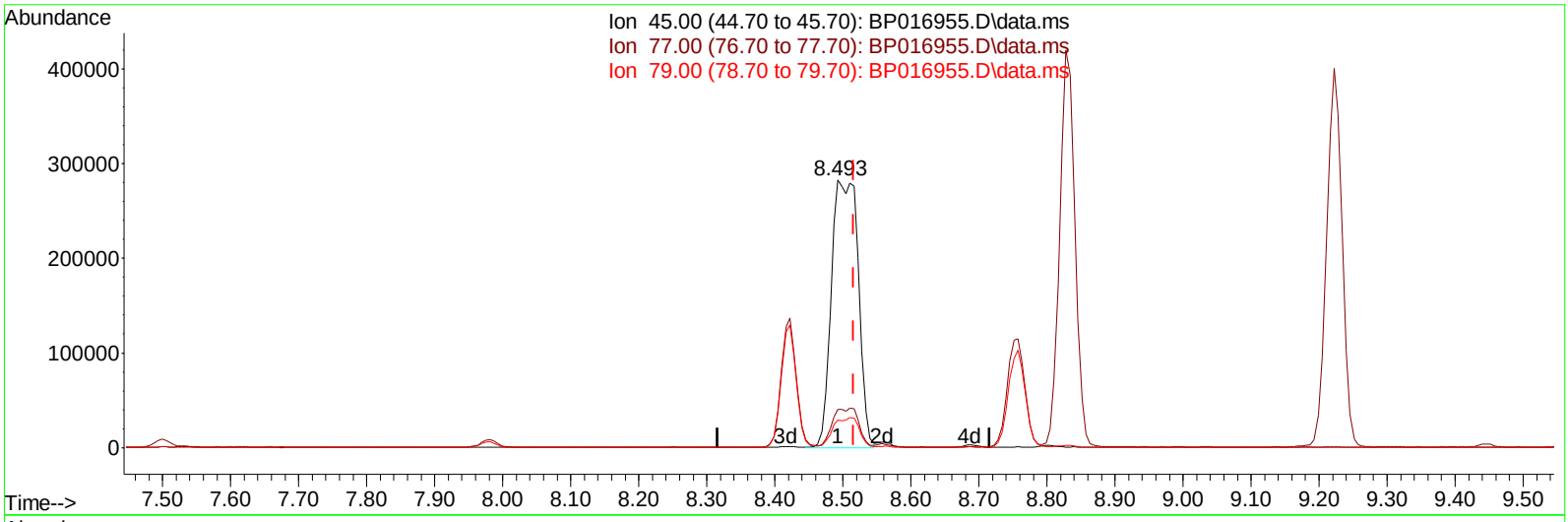
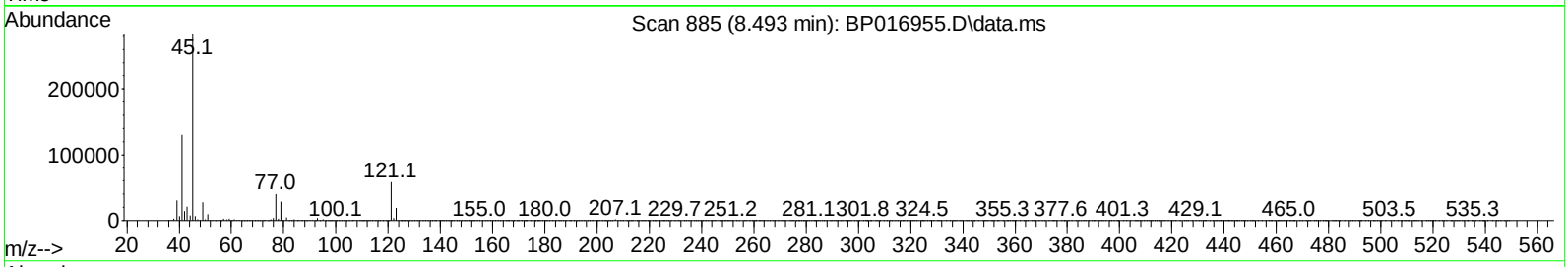
QLast Update : Wed Sep 06 01:52:05 2023
Response via : Initial Calibration

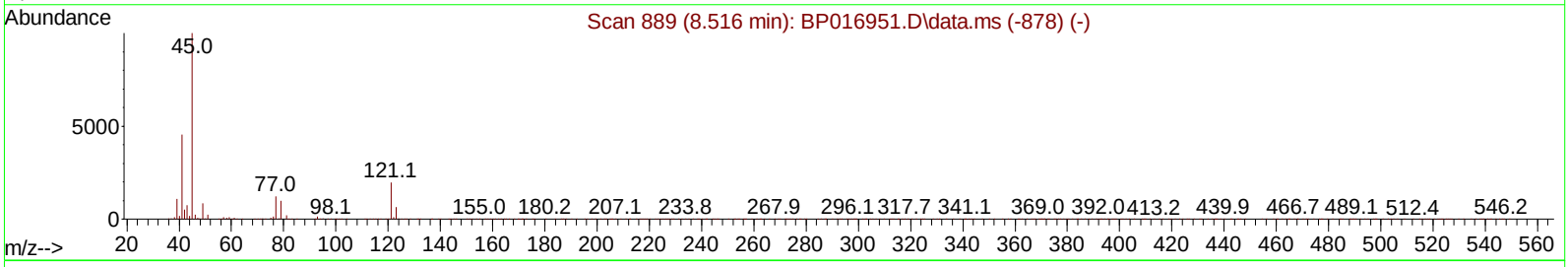
**Instrument :**
BNA_P
**ClientSampleId :**
SICV602

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023




TIC: BP016955.D\data.ms

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

**8.493min (-0.023) 21.46 ng/ul m**

**response 773558**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 14.10 | 14.35 |
| 79.00 | 11.20 | 10.30 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:52:05 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SICV602

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.981 | 152 | 338186 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.810 | 136 | 1444265 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.639 | 164 | 878678 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.410 | 188 | 1840832 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.510 | 240 | 1455930 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.051 | 264 | 1284361 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.328 | 96 | 77017 | 8.614 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.764 | 84 | 537900 | 21.056 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.128 | 99 | 637192 | 20.623 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.316 | 67 | 410320 | 21.232 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.499 | 132 | 480622 | 21.494 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.693 | 113 | 497953 | 21.155 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.181 | 128 | 239584 | 21.382 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.893 | 143 | 259279 | 21.347 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.416 | 165 | 477148 | 21.278 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.969 | 131 | 676283 | 20.904 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.051 | 166 | 1381968 | 21.129 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.339 | 160 | 1621041 | 21.476 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.851 | 143 | 265363 | 20.770 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.633 | 176 | 1191102 | 21.270 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.763 | 200 | 222503 | 20.085 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.510 | 188 | 1788870 | 21.160 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.745 | 212 | 1903995 | 21.470 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.880 | 264 | 1342893 | 20.610 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.364 | 88 | 83049 | 8.603 | ng/uL | 97 |
| 5) Pyridine | 3.787 | 79 | 569328 | 20.934 | ng/ul | 96 |
| 6) Benzaldehyde | 7.134 | 77 | 358055 | 25.569 | ng/ul | 99 |
| 8) Phenol | 7.157 | 94 | 670708 | 20.894 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.416 | 93 | 543785 | 21.243 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.534 | 128 | 506906 | 21.278 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.422 | 108 | 488437 | 20.744 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.493 | 45 | 773558m | 21.463 | ng/ul | |
| 16) Acetophenone | 8.828 | 105 | 825219 | 21.726 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.799 | 70 | 441416 | 21.755 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.757 | 108 | 546435 | 21.279 | ng/ul | 97 |
| 19) Hexachloroethane | 9.051 | 117 | 212092 | 21.491 | ng/ul | 98 |
| 22) Nitrobenzene | 9.222 | 77 | 638180 | 21.331 | ng/ul | 99 |
| 23) Isophorone | 9.734 | 82 | 1195053 | 21.261 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.928 | 139 | 287453 | 21.495 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.963 | 107 | 582288 | 21.326 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.222 | 93 | 738765 | 21.208 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.446 | 162 | 491015 | 21.486 | ng/ul | 99 |
| 30) Naphthalene | 10.857 | 128 | 1660204 | 21.066 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.993 | 127 | 705564 | 20.956 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.093 | 225 | 287618 | 21.057 | ng/ul | 100 |
| 34) Caprolactam | 11.810 | 113 | 155689 | 20.571 | ng/ul | 100 |
| 35) 4-Chloro-3-methylphenol | 12.092 | 107 | 531166 | 21.210 | ng/ul | 99 |

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**Instrument :**
BNA_P
**ClientSampleId :**
SICV602

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.463 | 142 | 1106106 | 21.239 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.681 | 142 | 1106909 | 21.111 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.816 | 216 | 555368 | 21.452 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.763 | 237 | 326360 | 19.456 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.069 | 196 | 379710 | 21.550 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 13.134 | 196 | 406052 | 21.180 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.475 | 154 | 1484746 | 21.347 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.522 | 162 | 1165517 | 21.343 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.751 | 65 | 354783 | 21.815 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.098 | 163 | 1462119 | 21.305 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.245 | 165 | 288063 | 21.614 | ng/ul | 99 |
| 50) Acenaphthylene | 14.369 | 152 | 1812064 | 21.439 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.581 | 138 | 284786 | 21.411 | ng/ul | 99 |
| 52) Acenaphthene | 14.704 | 153 | 1252806 | 21.245 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.781 | 184 | 158577 | 19.190 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.869 | 109 | 215392 | 21.064 | ng/ul | 97 |
| 56) Dibenzofuran | 15.039 | 168 | 1728294 | 21.315 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 15.028 | 165 | 414810 | 21.682 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.257 | 232 | 325786 | 21.077 | ng/ul | 98 |
| 59) Diethylphthalate | 15.457 | 149 | 1453845 | 21.199 | ng/ul | 100 |
| 61) Fluorene | 15.692 | 166 | 1415340 | 21.172 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.686 | 204 | 679311 | 21.027 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.751 | 138 | 261557 | 22.366 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.781 | 198 | 232991 | 20.075 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.910 | 169 | 1185653 | 21.360 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.586 | 248 | 383060 | 20.916 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.669 | 284 | 423058 | 21.073 | ng/ul | 99 |
| 70) Atrazine | 16.863 | 200 | 402187 | 21.163 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.033 | 266 | 255144 | 19.489 | ng/ul | 100 |
| 72) Phenanthrene | 17.451 | 178 | 2167409 | 21.189 | ng/ul | 99 |
| 74) Anthracene | 17.545 | 178 | 2199736 | 21.393 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.428 | 216 | 559573 | 21.340 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.934 | 250 | 533483 | 21.121 | ng/uL | 99 |
| 77) Carbazole | 17.828 | 167 | 1976826 | 21.393 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.339 | 149 | 2407819 | 21.270 | ng/ul | 100 |
| 80) Fluoranthene | 19.416 | 202 | 2381290 | 21.506 | ng/ul | 100 |
| 82) Pyrene | 19.774 | 202 | 2469745 | 21.482 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.633 | 149 | 1004634 | 21.130 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.433 | 252 | 693819 | 21.473 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.492 | 228 | 2182200 | 21.282 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.368 | 149 | 1357074 | 20.661 | ng/ul | 100 |
| 87) Chrysene | 21.545 | 228 | 2041048 | 21.279 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.339 | 149 | 2097892 | 19.485 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.257 | 252 | 1876017 | 20.906 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.310 | 252 | 1810336 | 20.833 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.939 | 252 | 1554989 | 20.776 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.751 | 276 | 1623919 | 19.546 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.774 | 278 | 1352883 | 19.729 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.592 | 276 | 1284788 | 19.623 | ng/ul | 99 |

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