Quantitation Report (Qedit)

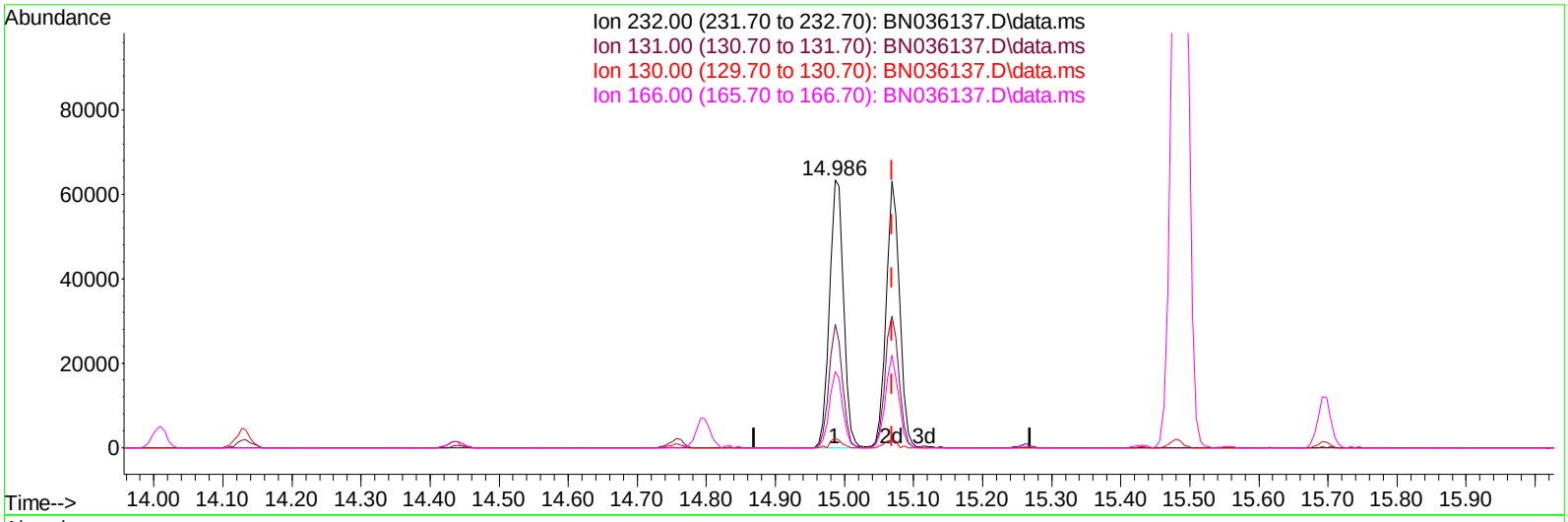
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036137.D
Acq On : 30 Jan 2025 17:44
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

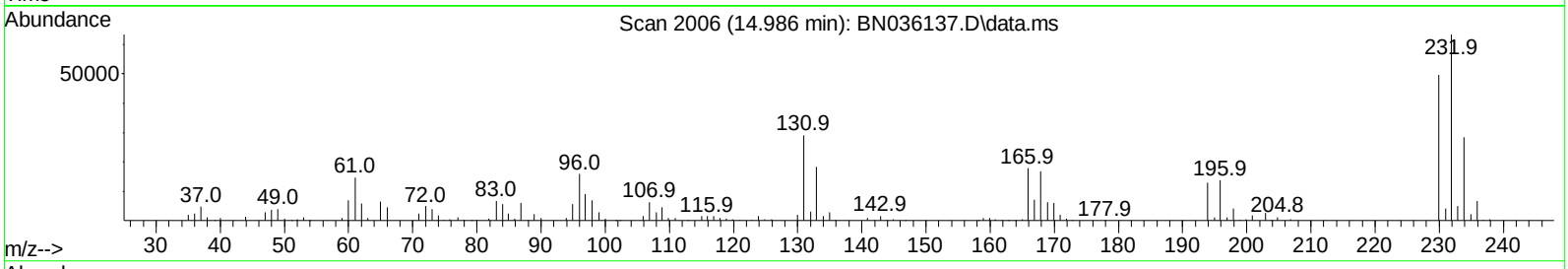
Quant Time: Jan 30 18:11:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 17:36:07 2025
Response via : Initial Calibration

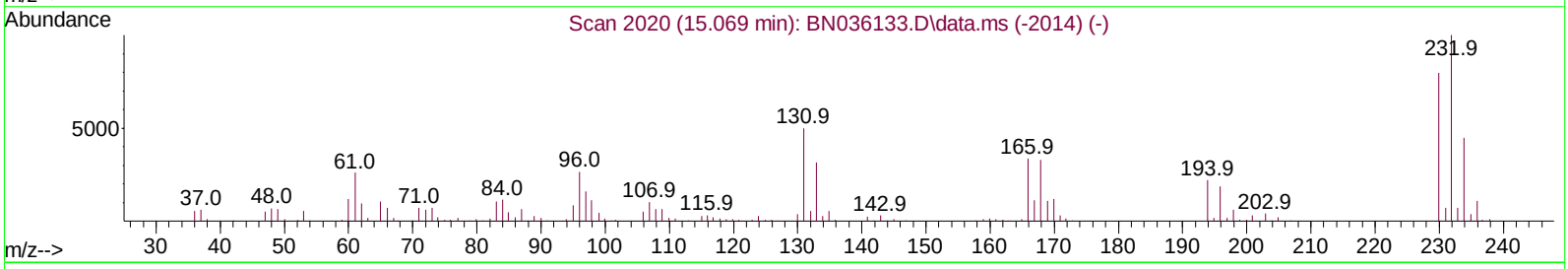
**Instrument :**
BNA_N
**ClientSampleId :**
SICV202

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025




TIC: BN036137.D\data.ms

**(58) 2,3,4,6-Tetrachlorophenol**

**14.986min (-0.083) 20.59 ng/ul**

**response 90541**

| Ion | Exp% | Act% |
|---|---|---|
| 232.00 | 100.00 | 100.00 |
| 131.00 | 50.00 | 45.99 |
| 130.00 | 3.70 | 3.33 |
| 166.00 | 33.70 | 28.42 |

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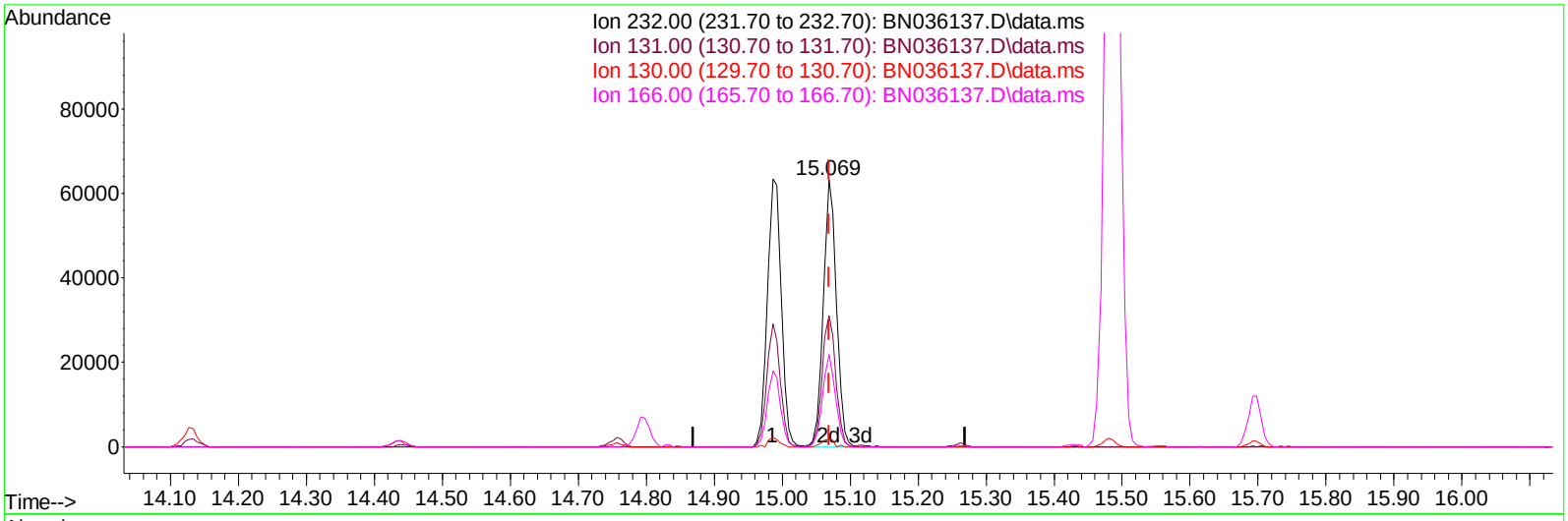


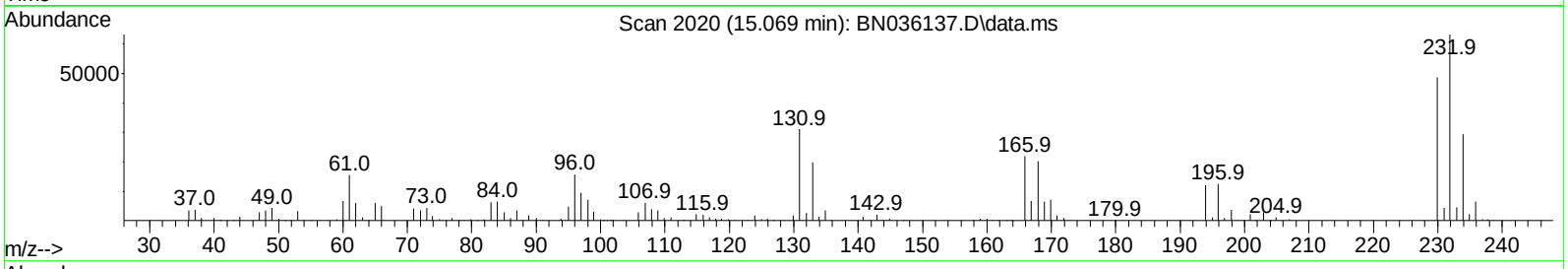


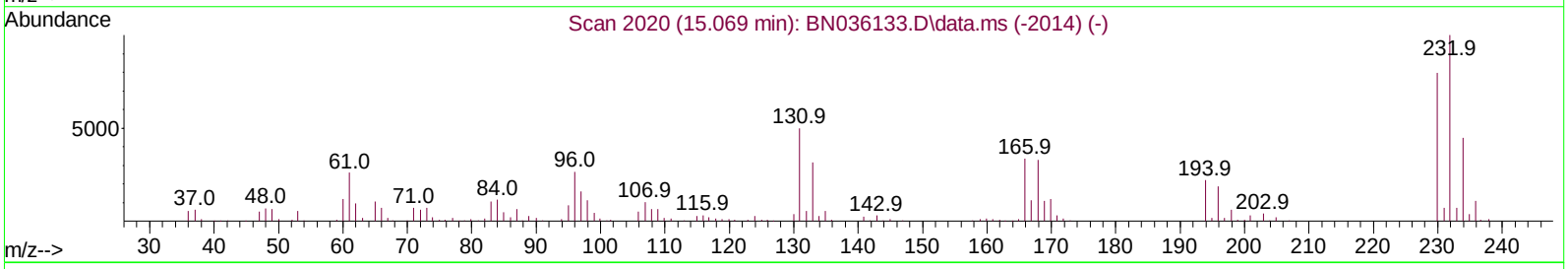


TIC: BN036137.D\data.ms

**(58) 2,3,4,6-Tetrachlorophenol**

**15.069min (-0.000) 19.35 ng/ul m**

**response 85078**

| Ion | Exp% | Act% |
|---|---|---|
| 232.00 | 100.00 | 100.00 |
| 131.00 | 50.00 | 49.21 |
| 130.00 | 3.70 | 2.83# |
| 166.00 | 33.70 | 34.66 |

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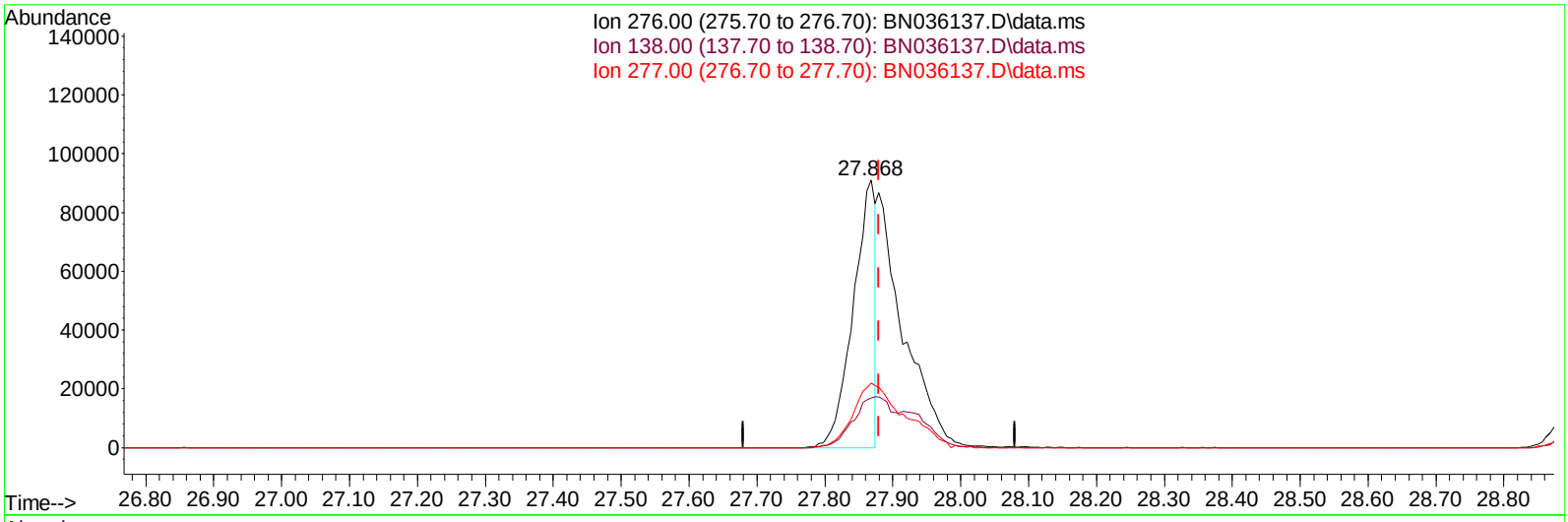


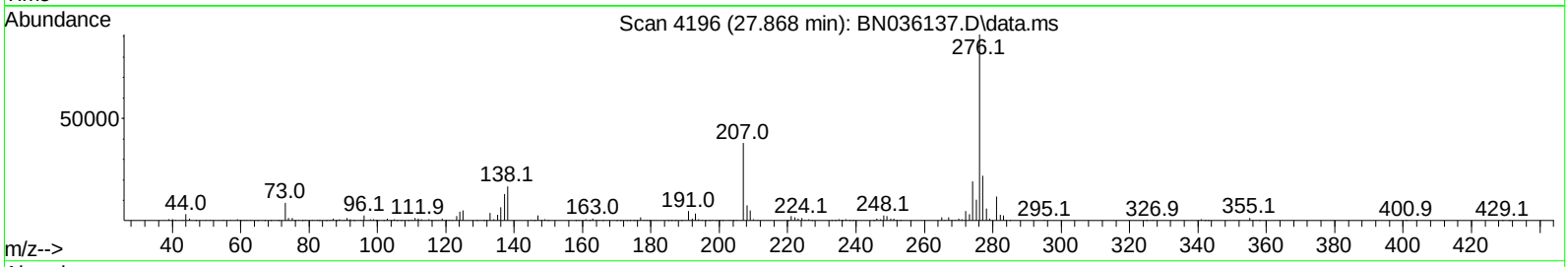


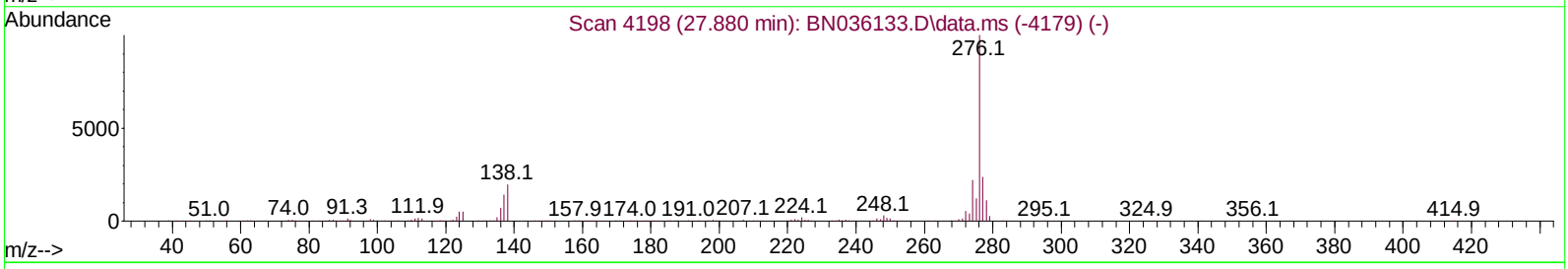


TIC: BN036137.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**27.868min (-0.012) 10.02 ng/ul**

**response 206543**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.70 | 18.45 |
| 277.00 | 23.80 | 24.28 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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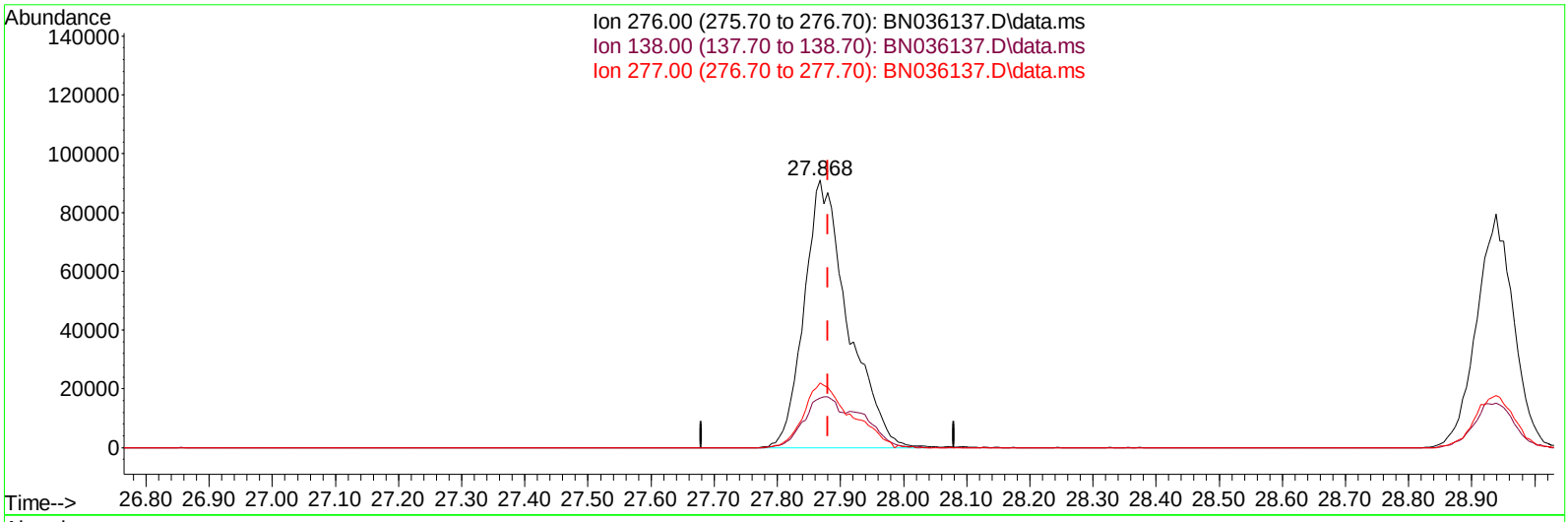
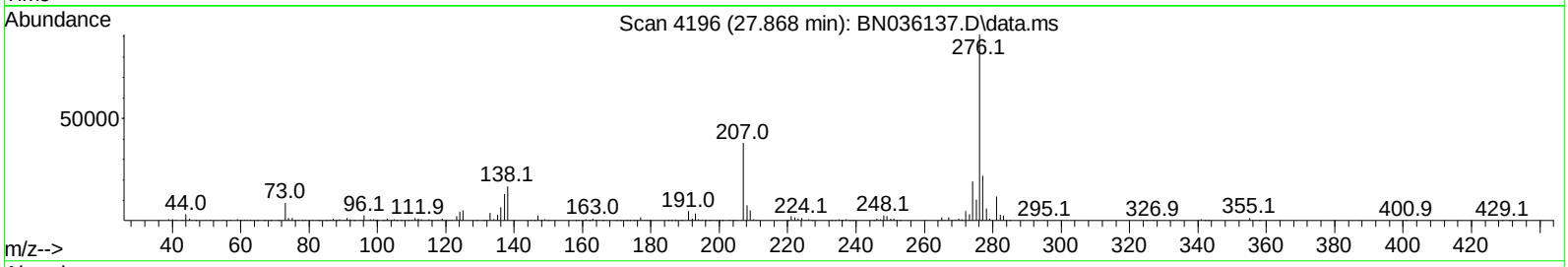
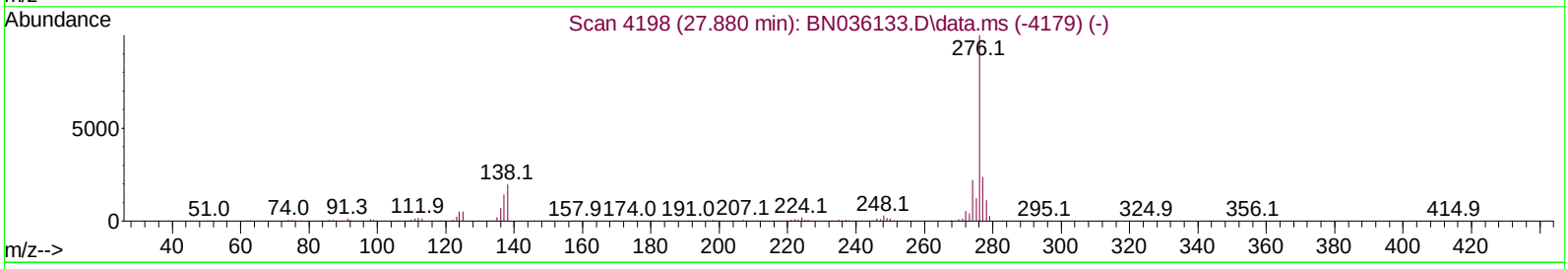
**Instrument :**
BNA_N
**ClientSampleId :**
SICV202

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025




TIC: BN036137.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**27.868min (-0.012) 21.24 ng/ul m**

**response 437789**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.70 | 18.45 |
| 277.00 | 23.80 | 24.28 |
| 0.00 | 0.00 | 0.00 |

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ALS Vial : 9 Sample Multiplier: 1

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QLast Update : Thu Jan 30 17:36:07 2025
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**Instrument :**
BNA_N
**ClientSampleId :**
SICV202

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.792 | 152 | 90308 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.586 | 136 | 354570 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.439 | 164 | 236283 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.180 | 188 | 459589 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.427 | 240 | 389342 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.456 | 264 | 327853 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.257 | 96 | 17690 | 7.982 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.675 | 84 | 131079 | 20.765 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.993 | 99 | 154476 | 20.642 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.128 | 67 | 107757 | 22.438 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.340 | 132 | 123813 | 21.133 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.522 | 113 | 123409 | 20.527 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.951 | 128 | 58848 | 20.673 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.669 | 143 | 65801 | 20.373 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.228 | 165 | 122345 | 20.979 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.728 | 131 | 164254 | 21.439 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.851 | 166 | 364491 | 20.455 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.127 | 160 | 413935 | 20.863 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.686 | 143 | 60947 | 19.819 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.433 | 176 | 301149 | 20.190 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200 | 60108 | 19.761 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.280 | 188 | 469018 | 21.008 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.574 | 212 | 516627 | 22.280 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.250 | 264 | 360219 | 20.895 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 18784 | 7.935 | ng/uL | 94 |
| 5) Pyridine | 3.693 | 79 | 116333 | 18.145 | ng/ul | 96 |
| 6) Benzaldehyde | 6.934 | 77 | 89818 | 20.102 | ng/ul | 95 |
| 8) Phenol | 7.022 | 94 | 151060 | 19.552 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.216 | 93 | 121247 | 19.970 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.375 | 128 | 117856 | 19.734 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.257 | 108 | 110823 | 19.426 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.316 | 45 | 179912 | 19.413 | ng/ul | 98 |
| 16) Acetophenone | 8.616 | 105 | 194426 | 19.835 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.604 | 70 | 99470 | 19.273 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.587 | 108 | 119024 | 19.122 | ng/ul | 99 |
| 19) Hexachloroethane | 8.875 | 117 | 54539 | 19.768 | ng/ul | 90 |
| 22) Nitrobenzene | 8.992 | 77 | 154588 | 19.704 | ng/ul | 98 |
| 23) Isophorone | 9.522 | 82 | 265916 | 19.124 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.704 | 139 | 66584 | 19.267 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.781 | 107 | 119835 | 17.020 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.998 | 93 | 155131 | 19.008 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.257 | 162 | 113724 | 19.356 | ng/ul | 95 |
| 30) Naphthalene | 10.639 | 128 | 375563 | 19.688 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.745 | 127 | 156088 | 21.107 | ng/ul | 96 |
| 33) Hexachlorobutadiene | 10.933 | 225 | 84512 | 19.706 | ng/ul | 94 |
| 34) Caprolactam | 11.528 | 113 | 35104 | 18.462 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 11.904 | 107 | 128915 | 19.100 | ng/ul | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.251 | 142 | 262448 | 19.627 | ng/ul | 95 |
| 37) 1-Methylnaphthalene | 12.475 | 142 | 245425 | 18.683 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.628 | 216 | 149463 | 19.797 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.610 | 237 | 82943 | 19.682 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.875 | 196 | 91310 | 18.757 | ng/ul | 94 |
| 42) 2,4,5-Trichlorophenol | 12.969 | 196 | 98668 | 18.729 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.269 | 154 | 353267 | 20.142 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.310 | 162 | 269344 | 19.533 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.516 | 65 | 91703 | 19.505 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.892 | 163 | 342749 | 19.208 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.010 | 165 | 71633 | 20.354 | ng/ul | 98 |
| 50) Acenaphthylene | 14.157 | 152 | 419720 | 20.103 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.339 | 138 | 71324 | 20.226 | ng/ul | 97 |
| 52) Acenaphthene | 14.504 | 153 | 293864 | 19.552 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.545 | 184 | 40610 | 18.365 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.698 | 109 | 58572 | 17.864 | ng/ul | 97 |
| 56) Dibenzofuran | 14.833 | 168 | 409419 | 19.676 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.798 | 165 | 100500 | 19.085 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.069 | 232 | 85078m | 19.346 | ng/ul | |
| 59) Diethylphthalate | 15.263 | 149 | 347159 | 18.860 | ng/ul | 99 |
| 61) Fluorene | 15.486 | 166 | 325137 | 19.269 | ng/ul | 96 |
| 62) 4-Chlorophenyl-phenyle... | 15.480 | 204 | 170010 | 19.487 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.504 | 138 | 74873 | 21.702 | ng/ul | 88 |
| 66) 4,6-Dinitro-2-methylph... | 15.563 | 198 | 61031 | 18.895 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.698 | 169 | 282883 | 20.280 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.374 | 248 | 96823 | 19.663 | ng/ul | 92 |
| 69) Hexachlorobenzene | 16.492 | 284 | 104102 | 19.380 | ng/ul# | 91 |
| 70) Atrazine | 16.651 | 200 | 103739 | 18.869 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.839 | 266 | 63476 | 17.311 | ng/ul | 92 |
| 72) Phenanthrene | 17.221 | 178 | 497667 | 19.314 | ng/ul | 100 |
| 74) Anthracene | 17.316 | 178 | 506658 | 19.540 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.233 | 216 | 140410 | 19.631 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.757 | 250 | 131257 | 18.783 | ng/uL | 96 |
| 77) Carbazole | 17.586 | 167 | 446904 | 19.647 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.157 | 149 | 573231 | 18.919 | ng/ul | 100 |
| 80) Fluoranthene | 19.239 | 202 | 555601 | 20.512 | ng/ul | 99 |
| 82) Pyrene | 19.604 | 202 | 582169 | 20.274 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.509 | 149 | 243277 | 19.702 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.333 | 252 | 166547 | 24.221 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.409 | 228 | 516099 | 19.280 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149 | 334076 | 18.832 | ng/ul | 98 |
| 87) Chrysene | 21.474 | 228 | 476888 | 18.790 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.486 | 149 | 523118 | 19.417 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.503 | 252 | 417612 | 19.264 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.562 | 252 | 428479 | 19.850 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.315 | 252 | 396702 | 20.937 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 27.868 | 276 | 437789m | 21.236 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 27.933 | 278 | 356637 | 21.691 | ng/ul | 96 |
| 96) Benzo(g,h,i)perylene | 28.938 | 276 | 324962 | 20.711 | ng/ul | 99 |

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

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