Quantitation Report (Qedit)

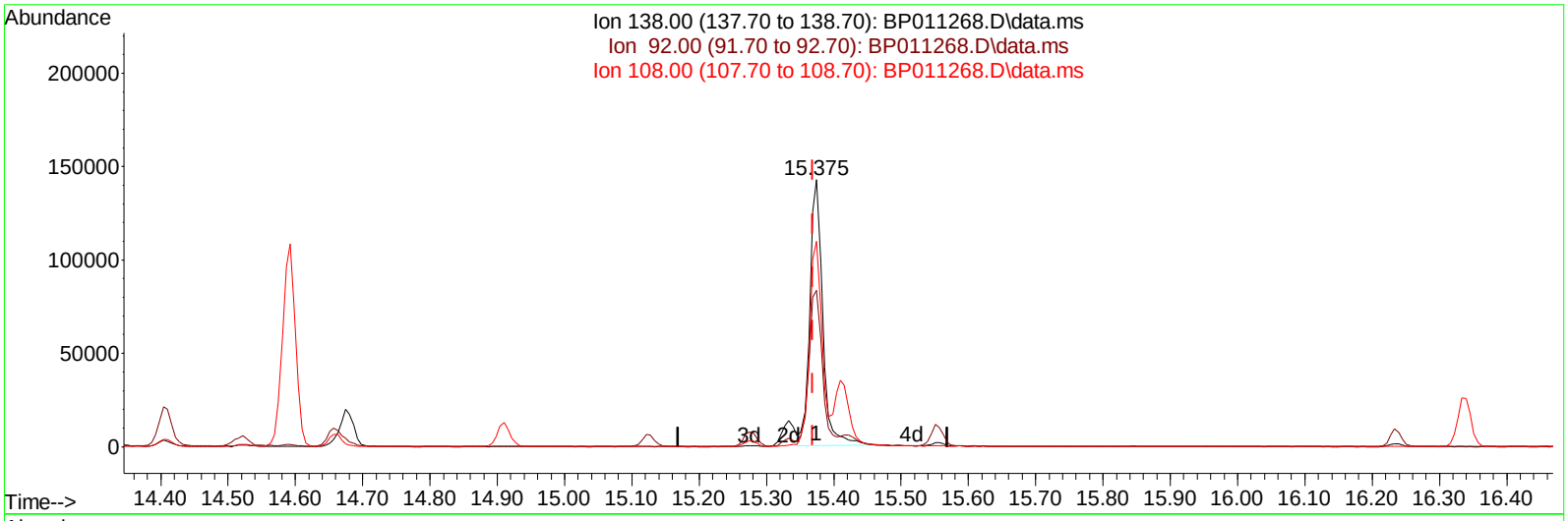
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011268.D
Acq On : 04 Aug 2022 17:14
Operator : CG/JU
Sample : PB146567BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

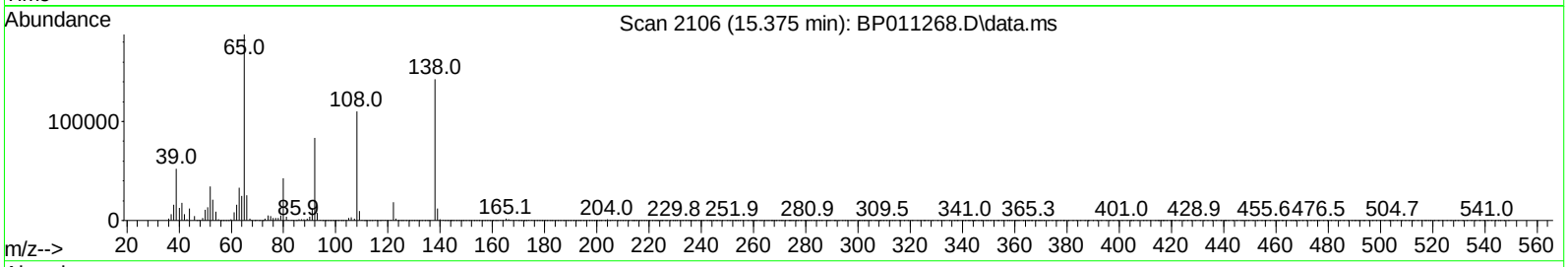
Quant Time: Aug 04 22:55:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 02 23:52:37 2022
Response via : Initial Calibration

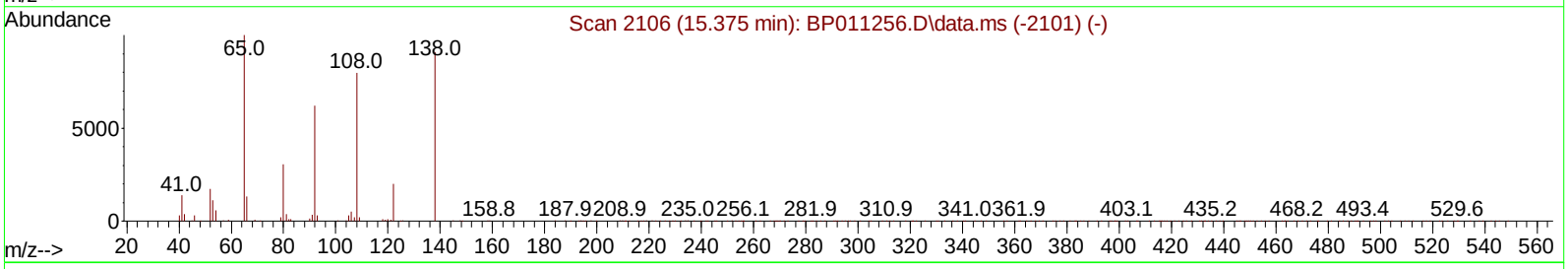
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS567

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 08/05/2022
Supervised By :Sohil Jodhani 08/10/2022




TIC: BP011268.D\data.ms

**(63) 4-Nitroaniline**

**15.375min (+ 0.006) 41.86 ng/ul**

**response 190216**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 69.90 | 58.53 |
| 108.00 | 83.90 | 77.09 |
| 0.00 | 0.00 | 0.00 |

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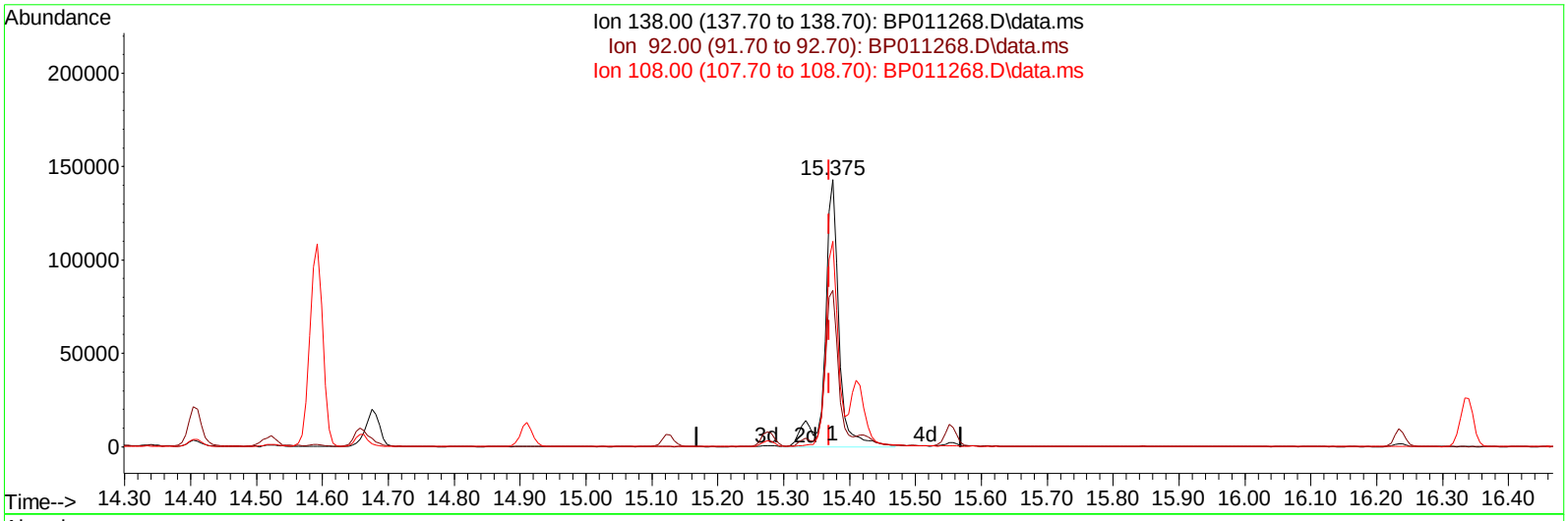


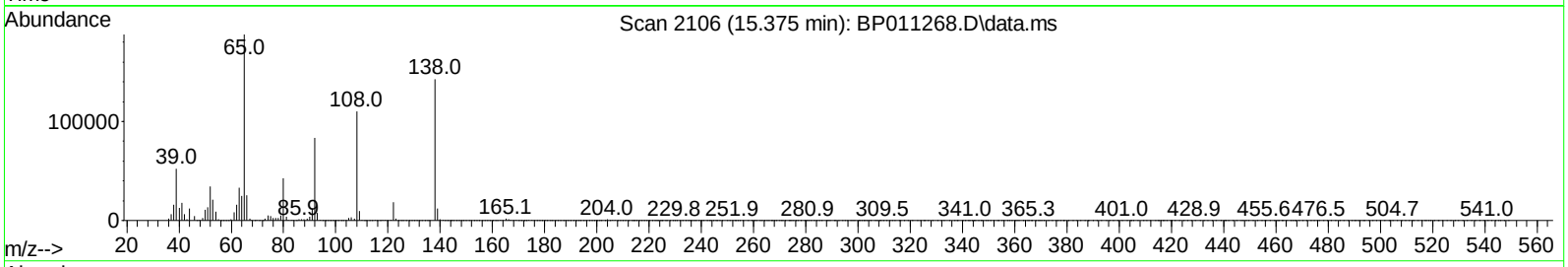


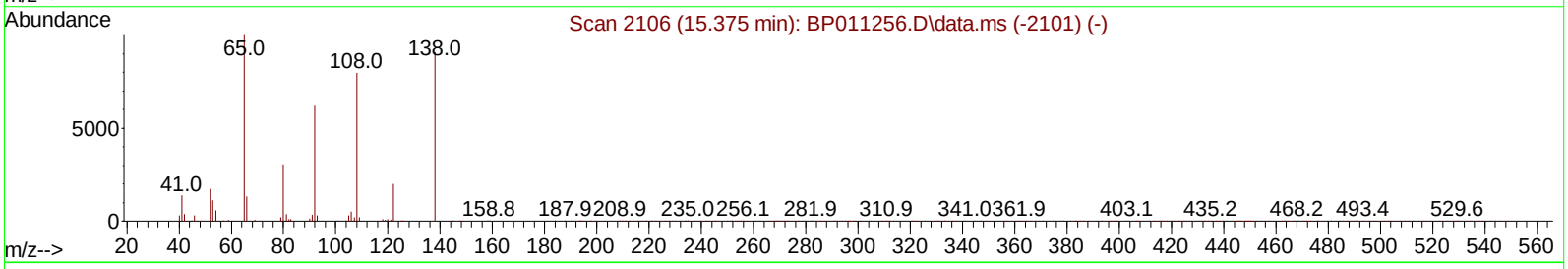


TIC: BP011268.D\data.ms

**(63) 4-Nitroaniline**

**15.375min (+ 0.006) 47.02 ng/ul m**

**response 213657**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 69.90 | 58.53 |
| 108.00 | 83.90 | 77.09 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.599 | 152 | 170766 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.393 | 136 | 787288 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.275 | 164 | 474744 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.045 | 188 | 941592 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.174 | 240 | 998943 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.486 | 264 | 957519 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.093 | 96 | 7466 | 3.535 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.499 | 84 | 116676 | 20.481 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.787 | 99 | 466284 | 32.765 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.946 | 67 | 338385 | 32.952 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.134 | 132 | 367369 | 31.671 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.328 | 113 | 353300 | 30.172 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.763 | 128 | 194160 | 34.287 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.487 | 143 | 164996 | 31.084 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.022 | 165 | 353416 | 34.915 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.545 | 131 | 466315 | 29.778 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.698 | 166 | 1064384 | 32.735 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.963 | 160 | 1414148 | 34.567 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.504 | 143 | 197249 | 35.674 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.275 | 176 | 985957 | 35.637 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 200 | 147570 | 33.752 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.145 | 188 | 1480444 | 35.775 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.404 | 212 | 1690677 | 33.474 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.339 | 264 | 1735087 | 36.364 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.122 | 88 | 14638 | 7.515 | ng/uL | 96 |
| 5) Pyridine | 3.522 | 79 | 121304 | 21.028 | ng/ul | 92 |
| 6) Benzaldehyde | 6.752 | 77 | 321261 | 46.180 | ng/ul | 97 |
| 8) Phenol | 6.810 | 94 | 504598 | 33.067 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.040 | 93 | 417092 | 33.311 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.163 | 128 | 406947 | 33.776 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.057 | 108 | 354446 | 30.698 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.146 | 45 | 710515 | 33.300 | ng/ul | 98 |
| 16) Acetophenone | 8.428 | 105 | 748439 | 39.440 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.422 | 70 | 313530 | 33.954 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.393 | 108 | 424951 | 34.318 | ng/ul | 98 |
| 19) Hexachloroethane | 8.669 | 117 | 224884 | 38.923 | ng/ul | 98 |
| 22) Nitrobenzene | 8.804 | 77 | 564349 | 36.366 | ng/ul | 99 |
| 23) Isophorone | 9.340 | 82 | 895960 | 32.446 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.516 | 139 | 208901 | 34.010 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.587 | 107 | 409069 | 29.437 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 9.828 | 93 | 570536 | 32.817 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.046 | 162 | 389246 | 36.797 | ng/ul | 100 |
| 30) Naphthalene | 10.440 | 128 | 1534417 | 36.918 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.569 | 127 | 549205 | 34.627 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 10.722 | 225 | 247836 | 37.507 | ng/ul | 99 |
| 34) Caprolactam | 11.375 | 113 | 93315 | 29.782 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 11.710 | 107 | 436319 | 36.472 | ng/ul | 98 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 36) | 2-Methylnaphthalene | 12.069 | 142 | 954781 | 36.765 | ng/ul | 99 |
| 37) | 1-Methylnaphthalene | 12.292 | 142 | 968888 | 37.140 | ng/ul | 100 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.440 | 216 | 449928 | 34.653 | ng/ul | 98 |
| 40) | Hexachlorocyclopentadiene | 12.416 | 237 | 196383 | 23.939 | ng/ul | 97 |
| 41) | 2,4,6-Trichlorophenol | 12.698 | 196 | 259635 | 31.920 | ng/ul | 98 |
| 42) | 2,4,5-Trichlorophenol | 12.769 | 196 | 306233 | 35.083 | ng/ul | 99 |
| 43) | 1,1'-Biphenyl | 13.098 | 154 | 1299058 | 34.285 | ng/ul | 99 |
| 44) | 2-Chloronaphthalene | 13.139 | 162 | 987428 | 34.934 | ng/ul | 99 |
| 45) | 2-Nitroaniline | 13.363 | 65 | 207762 | 30.558 | ng/ul | 96 |
| 47) | Dimethylphthalate | 13.745 | 163 | 1157071 | 35.275 | ng/ul | 100 |
| 48) | 2,6-Dinitrotoluene | 13.869 | 165 | 184822 | 37.536 | ng/ul | 96 |
| 50) | Acenaphthylene | 13.992 | 152 | 1663568 | 35.987 | ng/ul | 100 |
| 51) | 3-Nitroaniline | 14.198 | 138 | 194827 | 35.873 | ng/ul | 97 |
| 52) | Acenaphthene | 14.339 | 153 | 1070647 | 35.807 | ng/ul | 97 |
| 53) | 2,4-Dinitrophenol | 14.410 | 184 | 83667 | 28.614 | ng/ul | 96 |
| 55) | 4-Nitrophenol | 14.522 | 109 | 176495 | 35.371 | ng/ul | 95 |
| 56) | Dibenzofuran | 14.675 | 168 | 1533062 | 37.466 | ng/ul | 98 |
| 57) | 2,4-Dinitrotoluene | 14.657 | 165 | 324647 | 41.866 | ng/ul | 100 |
| 58) | 2,3,4,6-Tetrachlorophenol | 14.910 | 232 | 234978 | 35.651 | ng/ul | 98 |
| 59) | Diethylphthalate | 15.128 | 149 | 1132902 | 33.466 | ng/ul | 99 |
| 61) | Fluorene | 15.333 | 166 | 1235223 | 37.887 | ng/ul | 99 |
| 62) | 4-Chlorophenyl-phenyle... | 15.333 | 204 | 551952 | 38.337 | ng/ul | 98 |
| 63) | 4-Nitroaniline | 15.375 | 138 | 213657m | 47.019 | ng/ul | |
| 66) | 4,6-Dinitro-2-methylph... | 15.428 | 198 | 153108 | 33.866 | ng/ul | 95 |
| 67) | N-Nitrosodiphenylamine | 15.551 | 169 | 986673 | 35.851 | ng/ul | 98 |
| 68) | 4-Bromophenyl-phenylether | 16.233 | 248 | 298693 | 35.165 | ng/ul | 99 |
| 69) | Hexachlorobenzene | 16.339 | 284 | 361375 | 36.421 | ng/ul | 96 |
| 70) | Atrazine | 16.528 | 200 | 242709 | 29.480 | ng/ul | 99 |
| 71) | Pentachlorophenol | 16.692 | 266 | 190762 | 32.826 | ng/ul | 98 |
| 72) | Phenanthrene | 17.086 | 178 | 1934197 | 37.520 | ng/ul | 99 |
| 74) | Anthracene | 17.180 | 178 | 1916524 | 37.382 | ng/ul | 100 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.057 | 216 | 434498 | 30.154 | ng/uL | 99 |
| 76) | Pentachlorobenzene | 14.592 | 250 | 445948 | 36.305 | ng/uL | 99 |
| 77) | Carbazole | 17.463 | 167 | 1744642 | 37.942 | ng/ul | 100 |
| 78) | Di-n-butylphthalate | 18.033 | 149 | 1703636 | 29.868 | ng/ul | 98 |
| 80) | Fluoranthene | 19.080 | 202 | 2121503 | 34.345 | ng/ul | 100 |
| 82) | Pyrene | 19.433 | 202 | 2255907 | 34.998 | ng/ul | 99 |
| 83) | Butylbenzylphthalate | 20.333 | 149 | 515242 | 20.934 | ng/ul | 96 |
| 84) | 3,3'-Dichlorobenzidine | 21.104 | 252 | 493787 | 30.223 | ng/ul | 99 |
| 85) | Benzo(a)anthracene | 21.157 | 228 | 2158943 | 34.579 | ng/ul | 100 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.098 | 149 | 942099 | 22.402 | ng/ul | 99 |
| 87) | Chrysene | 21.210 | 228 | 2124896 | 34.577 | ng/ul | 99 |
| 89) | Di-n-octyl phthalate | 22.004 | 149 | 1721790 | 26.373 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 22.786 | 252 | 2262411 | 37.087 | ng/ul | 98 |
| 91) | Benzo(k)fluoranthene | 22.833 | 252 | 2164782 | 37.825 | ng/ul | 100 |
| 93) | Benzo(a)pyrene | 23.386 | 252 | 2193739 | 36.943 | ng/ul | 99 |
| 94) | Indeno(1,2,3-cd)pyrene | 25.886 | 276 | 2552958 | 36.024 | ng/ul | 98 |
| 95) | Dibenzo(a,h)anthracene | 25.904 | 278 | 2207092 | 36.726 | ng/ul | 99 |
| 96) | Benzo(g,h,i)perylene | 26.615 | 276 | 2158680 | 35.546 | ng/ul | 97 |

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

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