Quantitation Report (Qedit)

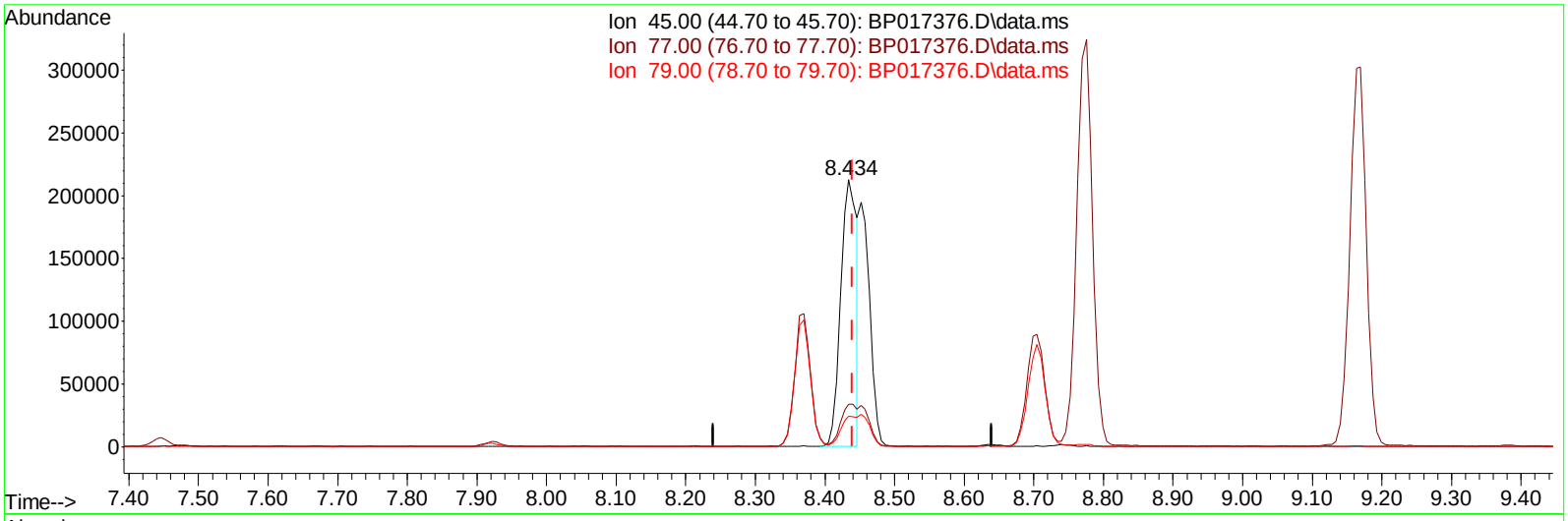
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017376.D
Acq On : 26 Sep 2023 23:16
Operator : MA/JU
Sample : PB155788BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

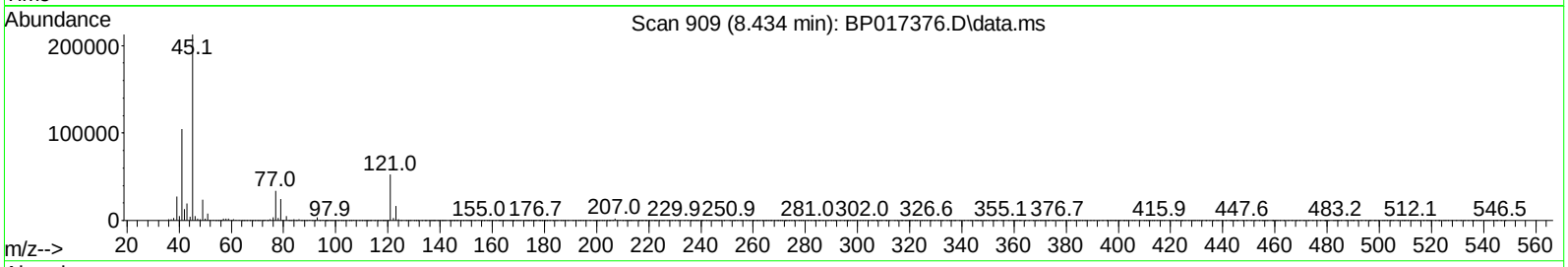
Quant Time: Sep 27 00:32:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 04:52:29 2023
Response via : Initial Calibration

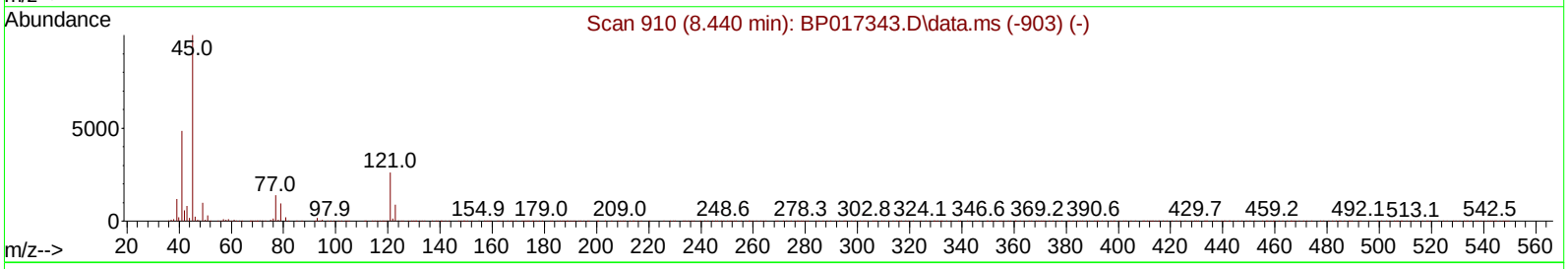
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS788

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023




TIC: BP017376.D\data.ms

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

**8.434min (-0.006) 26.53 ng/ul**

**response 341314**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.60 | 15.93 |
| 79.00 | 11.80 | 11.41 |
| 0.00 | 0.00 | 0.00 |

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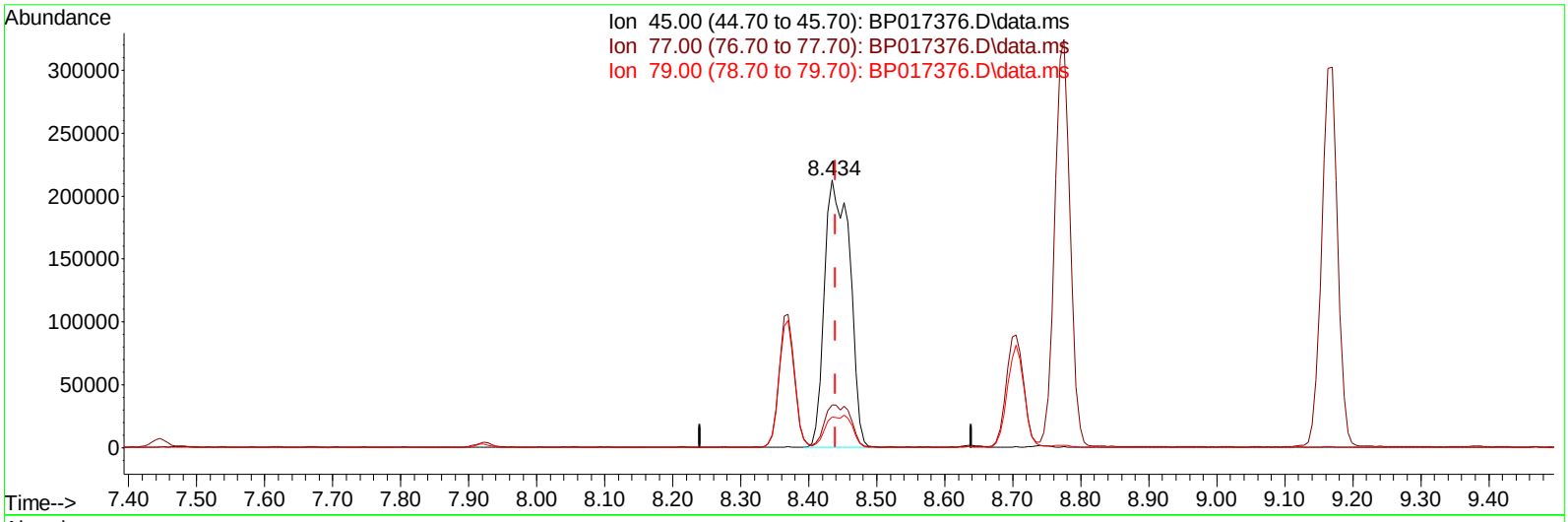


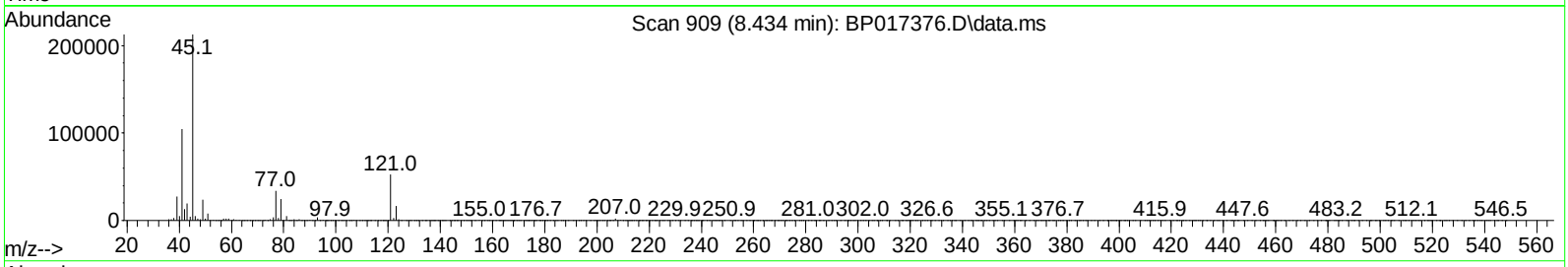


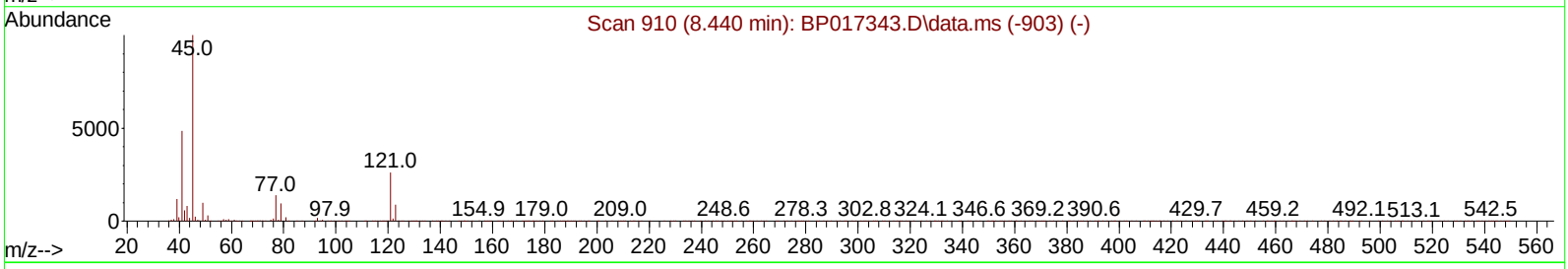


TIC: BP017376.D\data.ms

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

**8.434min (-0.006) 42.59 ng/ul m**

**response 547806**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.60 | 15.93 |
| 79.00 | 11.80 | 11.41 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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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 | 7.922 | 152 | 152313 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.746 | 136 | 662755 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.581 | 164 | 404617 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.351 | 188 | 872634 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.457 | 240 | 834902 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.969 | 264 | 909722 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.293 | 96 | 27556 | 7.431 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.728 | 84 | 390751 | 37.693 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.081 | 99 | 507312 | 40.554 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.269 | 67 | 304982 | 40.398 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.446 | 132 | 405996 | 40.920 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.640 | 113 | 393520 | 40.463 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.122 | 128 | 194498 | 40.594 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.834 | 143 | 217707 | 41.847 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.363 | 165 | 409532 | 41.666 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.910 | 131 | 539028 | 37.858 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.999 | 166 | 1189918 | 41.052 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.281 | 160 | 1339140 | 40.170 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.810 | 143 | 186270 | 36.887 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.581 | 176 | 1010571 | 40.498 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.716 | 200 | 178457 | 36.284 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.457 | 188 | 1534719 | 39.655 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.698 | 212 | 1849082 | 40.955 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.804 | 264 | 1818250 | 41.512 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 57345 | 15.100 | ng/uL | 98 |
| 5) Pyridine | 3.746 | 79 | 371720 | 34.539 | ng/ul | 99 |
| 6) Benzaldehyde | 7.081 | 77 | 295106 | 46.227 | ng/ul | 98 |
| 8) Phenol | 7.111 | 94 | 522281 | 41.510 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.364 | 93 | 420421 | 41.338 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.475 | 128 | 424327 | 42.115 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.369 | 108 | 386298 | 41.492 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.434 | 45 | 547806m | 42.588 | ng/ul | |
| 16) Acetophenone | 8.775 | 105 | 643126 | 42.793 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.746 | 70 | 331392 | 44.184 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.705 | 108 | 418382 | 41.941 | ng/ul | 99 |
| 19) Hexachloroethane | 8.987 | 117 | 174010 | 41.602 | ng/ul | 95 |
| 22) Nitrobenzene | 9.169 | 77 | 496837 | 40.866 | ng/ul | 98 |
| 23) Isophorone | 9.675 | 82 | 919168 | 42.191 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.869 | 139 | 241337 | 42.809 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.910 | 107 | 352316 | 31.366 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.163 | 93 | 571996 | 40.672 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.387 | 162 | 412770 | 42.593 | ng/ul | 99 |
| 30) Naphthalene | 10.799 | 128 | 1359835 | 39.405 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.934 | 127 | 519303 | 38.060 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.022 | 225 | 280401 | 41.575 | ng/ul | 98 |
| 34) Caprolactam | 11.763 | 113 | 116517 | 41.611 | ng/ul | 94 |
| 35) 4-Chloro-3-methylphenol | 12.040 | 107 | 429969 | 44.141 | ng/ul | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.404 | 142 | 926935 | 41.154 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.622 | 142 | 911739 | 39.599 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.752 | 216 | 528470 | 40.698 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.699 | 237 | 209130 | 28.458 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 13.010 | 196 | 335633 | 42.612 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.081 | 196 | 357999 | 43.383 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.416 | 154 | 1228796 | 40.028 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.463 | 162 | 979069 | 40.228 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.704 | 65 | 273955 | 45.822 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.046 | 163 | 1244388 | 42.619 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.193 | 165 | 244496 | 48.211 | ng/ul | 94 |
| 50) Acenaphthylene | 14.310 | 152 | 1595276 | 40.923 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.534 | 138 | 246547 | 45.175 | ng/ul | 97 |
| 52) Acenaphthene | 14.646 | 153 | 1032863 | 40.119 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.740 | 184 | 92154 | 29.049 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.828 | 109 | 164243 | 41.632 | ng/ul | 94 |
| 56) Dibenzofuran | 14.987 | 168 | 1453420 | 41.225 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.981 | 165 | 358547 | 47.997 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.204 | 232 | 305013 | 43.561 | ng/ul | 96 |
| 59) Diethylphthalate | 15.404 | 149 | 1239123 | 43.899 | ng/ul | 98 |
| 61) Fluorene | 15.640 | 166 | 1197742 | 41.813 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.628 | 204 | 616166 | 42.443 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.704 | 138 | 243107 | 49.910 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.728 | 198 | 196892 | 37.109 | ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 15.857 | 169 | 995369 | 41.469 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.534 | 248 | 381991 | 43.573 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.610 | 284 | 442217 | 43.471 | ng/ul | 99 |
| 70) Atrazine | 16.810 | 200 | 307144 | 35.717 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.981 | 266 | 254721 | 40.535 | ng/ul | 98 |
| 72) Phenanthrene | 17.398 | 178 | 1896338 | 41.490 | ng/ul | 99 |
| 74) Anthracene | 17.492 | 178 | 1877148 | 40.524 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.369 | 216 | 516909 | 38.596 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.875 | 250 | 484431 | 38.291 | ng/uL | 99 |
| 77) Carbazole | 17.781 | 167 | 1706439 | 41.417 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.287 | 149 | 2093147 | 46.200 | ng/ul | 99 |
| 80) Fluoranthene | 19.369 | 202 | 2246981 | 42.674 | ng/ul | 99 |
| 82) Pyrene | 19.728 | 202 | 2343160 | 41.861 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.586 | 149 | 943651 | 47.546 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.386 | 252 | 724471 | 39.939 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.439 | 228 | 2404346 | 42.669 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.322 | 149 | 1388856 | 48.456 | ng/ul# | 98 |
| 87) Chrysene | 21.498 | 228 | 2238696 | 42.215 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.275 | 149 | 2395272 | 47.866 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.186 | 252 | 2360229 | 44.005 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.239 | 252 | 2316045 | 42.800 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.857 | 252 | 2206814 | 43.003 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.627 | 276 | 2675987 | 41.602 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.651 | 278 | 2243891 | 41.883 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.462 | 276 | 2135894 | 41.176 | ng/ul | 98 |

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

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