Quantitation Report (Qedit)

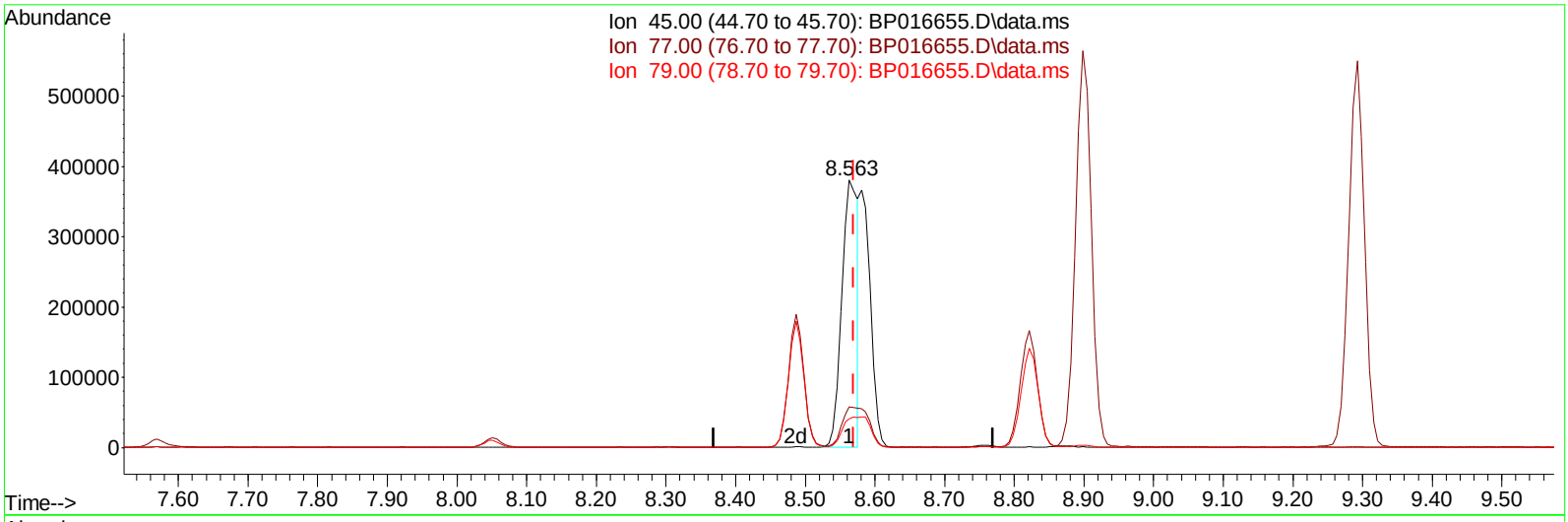
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016655.D
Acq On : 18 Aug 2023 23:46
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

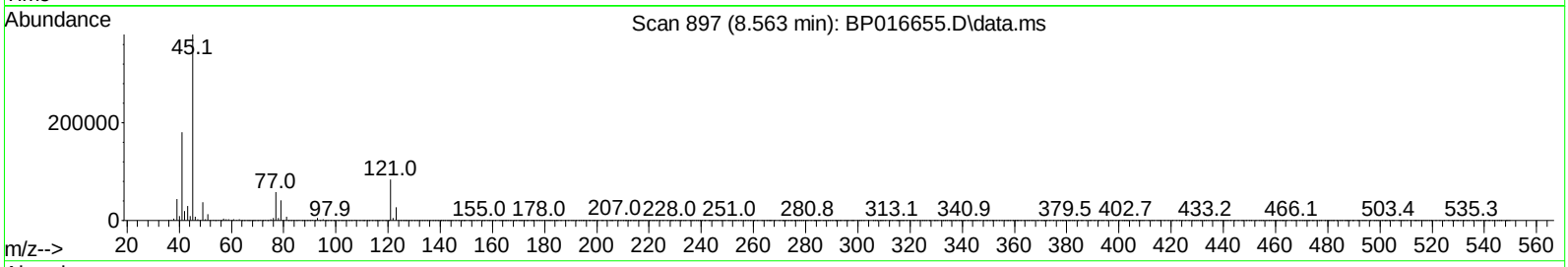
Quant Time: Aug 19 00:20:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

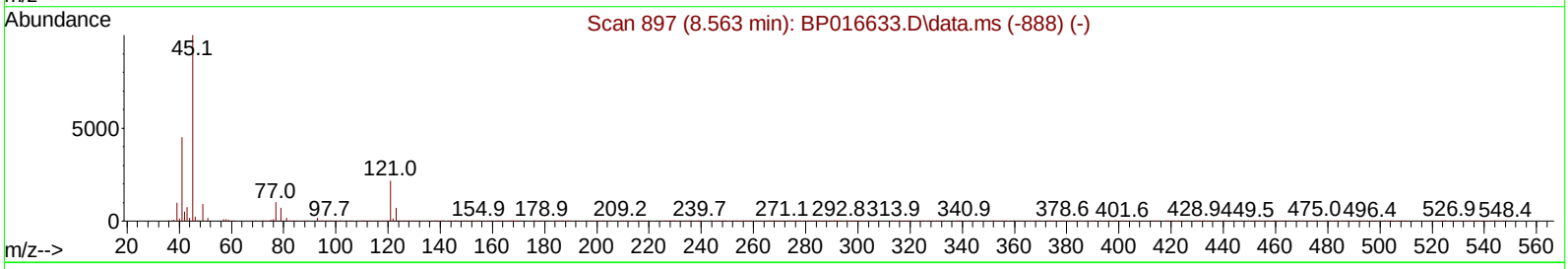
**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023




TIC: BP016655.D\data.ms

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

**8.563min (-0.006) 10.47 ng/ul**

**response 608582**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.10 | 15.17 |
| 79.00 | 10.30 | 10.86 |
| 0.00 | 0.00 | 0.00 |

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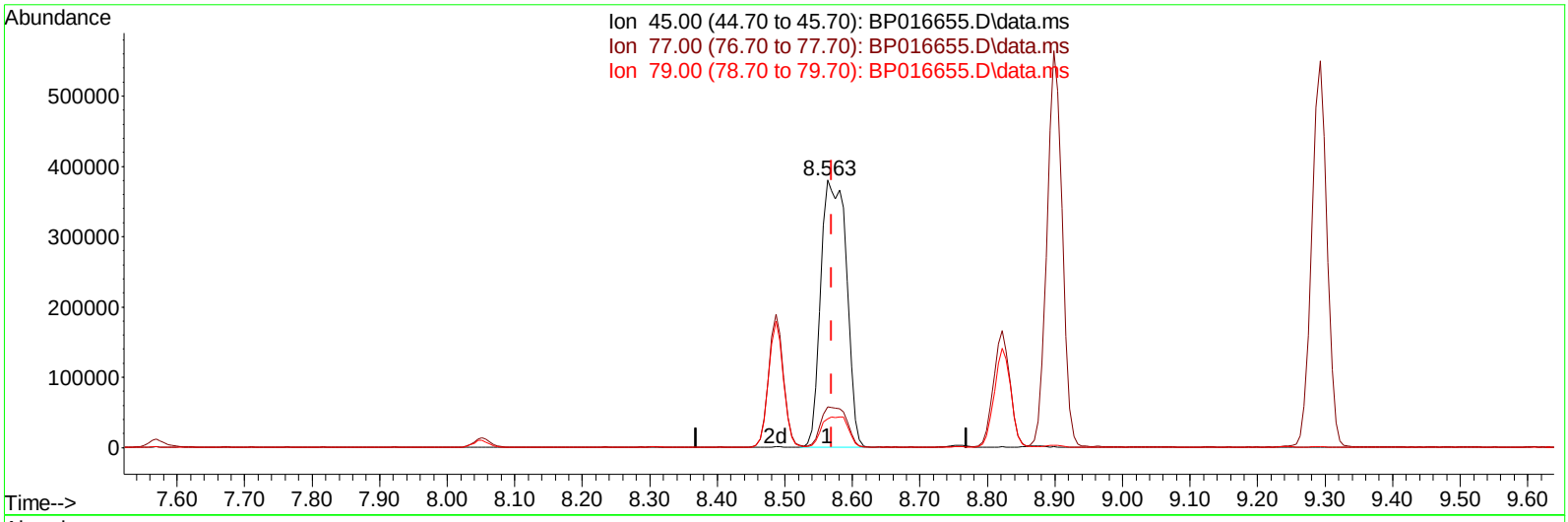


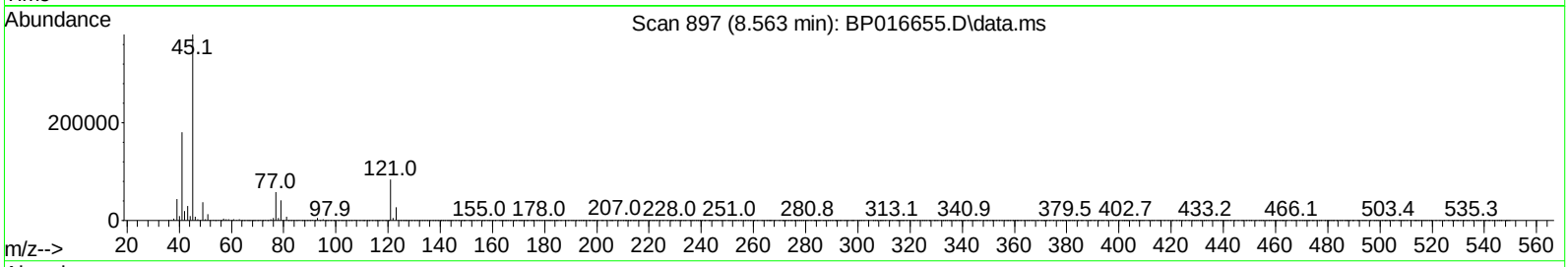


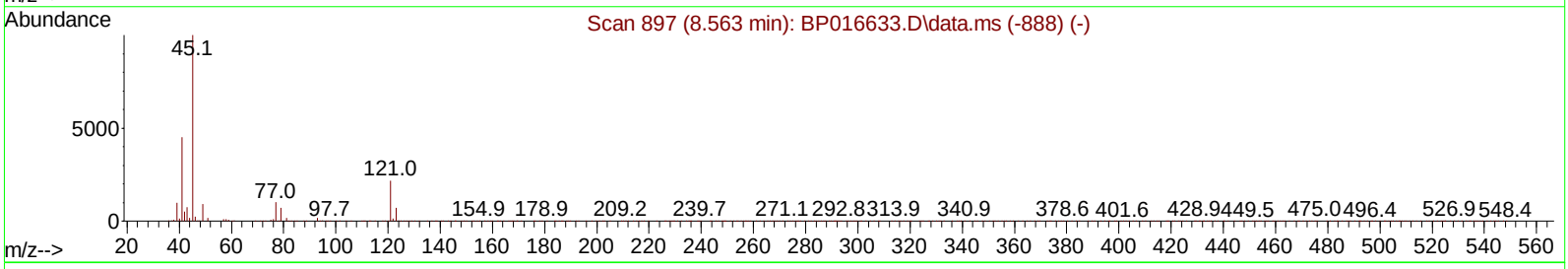


TIC: BP016655.D\data.ms

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

**8.563min (-0.006) 17.23 ng/ul m**

**response 1001973**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.10 | 15.17 |
| 79.00 | 10.30 | 10.86 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.051 | 152 | 524084 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.881 | 136 | 2391234 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.704 | 164 | 1477661 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.469 | 188 | 3177752 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.568 | 240 | 2384885 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.151 | 264 | 2056270 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.393 | 96 | 94805 | 6.874 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.828 | 84 | 715076 | 17.041 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.193 | 99 | 845393 | 17.497 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.387 | 67 | 545159 | 17.131 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.569 | 132 | 633186 | 18.246 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.757 | 113 | 692936 | 18.037 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.251 | 128 | 323883 | 19.250 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.963 | 143 | 341615 | 21.377 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.487 | 165 | 622110 | 19.782 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.039 | 131 | 965364 | 17.891 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.116 | 166 | 1930664 | 18.064 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.404 | 160 | 2254104 | 18.685 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.904 | 143 | 375087 | 17.227 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.698 | 176 | 1614242 | 17.717 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.822 | 200 | 247738 | 16.387 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.569 | 188 | 2476309 | 18.016 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.804 | 212 | 2735115 | 21.887 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.980 | 264 | 1771706 | 17.979 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.434 | 88 | 102654 | 6.769 | ng/uL | 98 |
| 5) Pyridine | 3.852 | 79 | 743848 | 17.085 | ng/ul | 98 |
| 6) Benzaldehyde | 7.204 | 77 | 554972 | 20.837 | ng/ul | 98 |
| 8) Phenol | 7.222 | 94 | 887891 | 17.193 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.481 | 93 | 719627 | 17.251 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.604 | 128 | 650255 | 17.808 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.487 | 108 | 667192 | 17.787 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.563 | 45 | 1001973m | 17.234 | ng/ul | |
| 16) Acetophenone | 8.898 | 105 | 1096961 | 17.682 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.869 | 70 | 616029 | 18.514 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.822 | 108 | 727570 | 17.648 | ng/ul | 99 |
| 19) Hexachloroethane | 9.122 | 117 | 264069 | 17.310 | ng/ul | 97 |
| 22) Nitrobenzene | 9.292 | 77 | 868501 | 18.439 | ng/ul | 99 |
| 23) Isophorone | 9.810 | 82 | 1724721 | 19.387 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.998 | 139 | 375426 | 20.550 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 10.034 | 107 | 790467 | 18.354 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.292 | 93 | 1020979 | 17.903 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.516 | 162 | 628895 | 19.436 | ng/ul | 100 |
| 30) Naphthalene | 10.934 | 128 | 2188706 | 17.519 | ng/ul | 100 |
| 32) 4-Chloroaniline | 11.063 | 127 | 950494 | 17.785 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.169 | 225 | 354442 | 18.172 | ng/ul | 98 |
| 34) Caprolactam | 11.881 | 113 | 240264 | 19.086 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 12.157 | 107 | 769822 | 19.464 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.533 | 142 | 1496134 | 17.877 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.751 | 142 | 1511391 | 17.936 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.881 | 216 | 722857 | 18.289 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.833 | 237 | 375963 | 15.634 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.133 | 196 | 495699 | 20.152 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.198 | 196 | 542922 | 20.362 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.539 | 154 | 1955414 | 17.803 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.586 | 162 | 1517937 | 17.762 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.816 | 65 | 522190 | 20.209 | ng/ul | 94 |
| 47) Dimethylphthalate | 14.163 | 163 | 1945216 | 17.801 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.304 | 165 | 391595 | 20.689 | ng/ul | 98 |
| 50) Acenaphthylene | 14.433 | 152 | 2572844 | 18.110 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.639 | 138 | 432161 | 20.363 | ng/ul | 95 |
| 52) Acenaphthene | 14.769 | 153 | 1667862 | 17.538 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.839 | 184 | 146624 | 13.915 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.922 | 109 | 298993 | 16.892 | ng/ul | 96 |
| 56) Dibenzofuran | 15.104 | 168 | 2259632 | 17.415 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.080 | 165 | 560543 | 19.776 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.316 | 232 | 442031 | 19.787 | ng/ul | 97 |
| 59) Diethylphthalate | 15.516 | 149 | 1986806 | 17.782 | ng/ul | 99 |
| 61) Fluorene | 15.757 | 166 | 1858492 | 17.468 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.745 | 204 | 871847 | 17.457 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.810 | 138 | 405608 | 19.971 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.833 | 198 | 273418 | 16.312 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.969 | 169 | 1582458 | 18.371 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.645 | 248 | 529953 | 18.678 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.727 | 284 | 599319 | 18.078 | ng/ul | 97 |
| 70) Atrazine | 16.921 | 200 | 580471 | 18.731 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.092 | 266 | 366260 | 17.944 | ng/ul | 100 |
| 72) Phenanthrene | 17.516 | 178 | 2899973 | 17.322 | ng/ul | 100 |
| 74) Anthracene | 17.604 | 178 | 2976320 | 17.699 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.492 | 216 | 761257 | 18.850 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.998 | 250 | 675112 | 18.632 | ng/uL | 99 |
| 77) Carbazole | 17.886 | 167 | 2753214 | 17.766 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.398 | 149 | 3469079 | 19.338 | ng/ul | 100 |
| 80) Fluoranthene | 19.474 | 202 | 3316136 | 22.234 | ng/ul | 99 |
| 82) Pyrene | 19.833 | 202 | 3373021 | 21.417 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.686 | 149 | 1559188 | 24.576 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.486 | 252 | 888180 | 17.103 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.551 | 228 | 2902528 | 18.109 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 2232343 | 24.244 | ng/ul | 99 |
| 87) Chrysene | 21.609 | 228 | 2661281 | 17.744 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.409 | 149 | 3453849 | 26.919 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.345 | 252 | 2283839 | 18.653 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.398 | 252 | 2197150 | 18.089 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.033 | 252 | 2010184 | 17.405 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.897 | 276 | 2340560 | 17.170 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.927 | 278 | 1931331 | 17.025 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.762 | 276 | 1881570 | 17.343 | ng/ul | 99 |

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

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