Quantitation Report (Qedit)

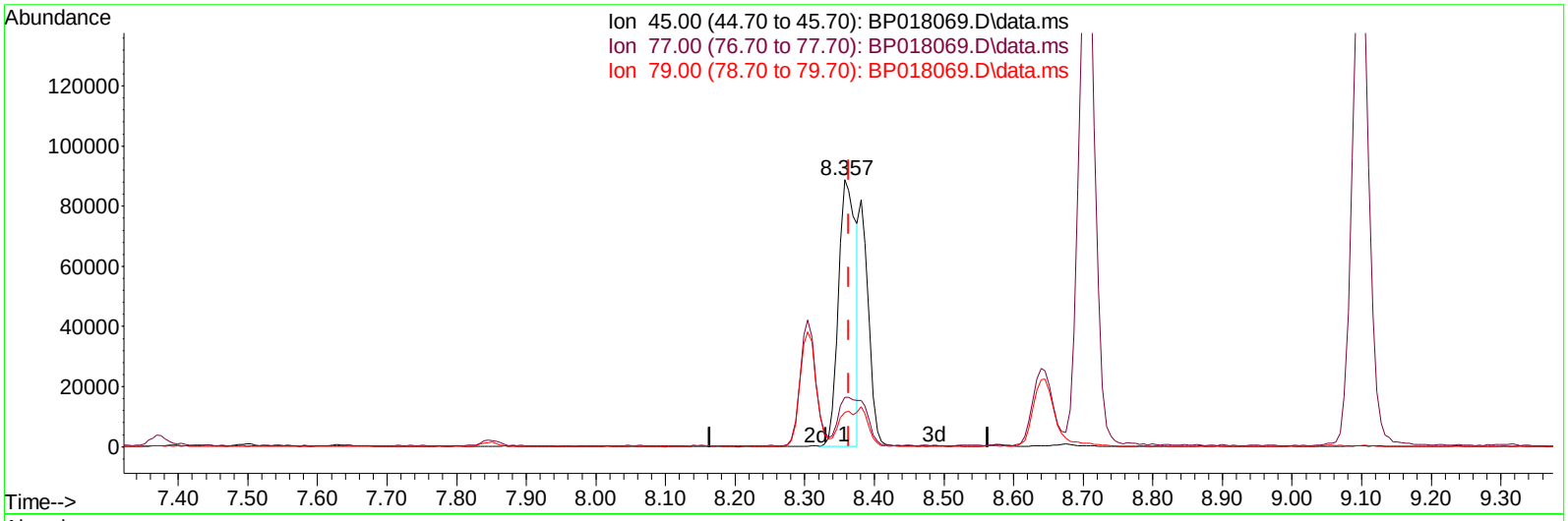
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018069.D
Acq On : 11 Nov 2023 16:55
Operator : MA/JU
Sample : 05016-03MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

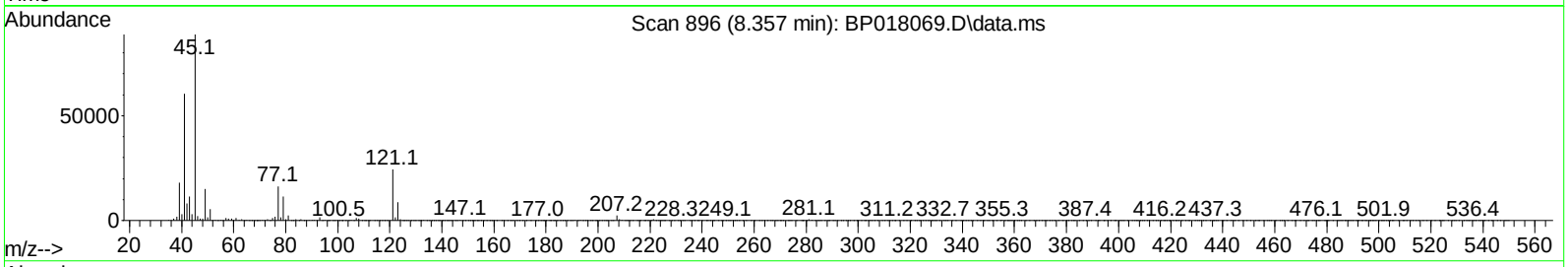
Quant Time: Nov 11 21:53:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

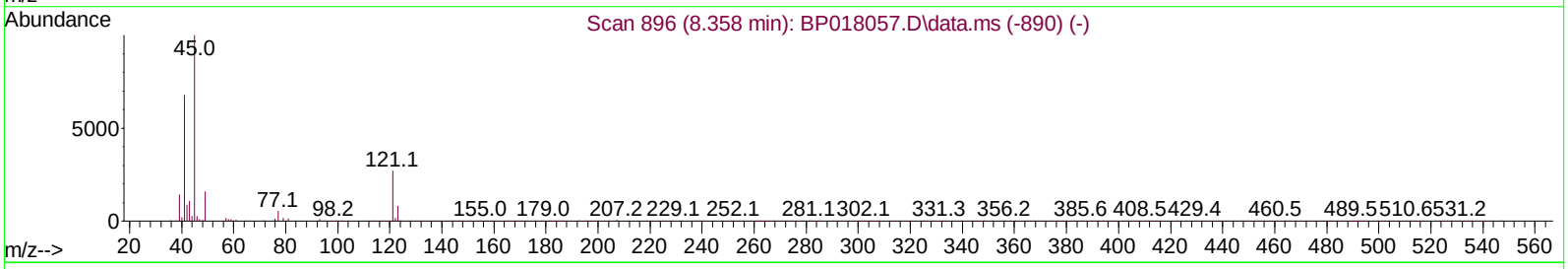
**Instrument :**
BNA_P
**ClientSampleId :**
A49A1MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/12/2023
Supervised By :mohammad ahmed 11/15/2023




TIC: BP018069.D\data.ms

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

**8.357min (-0.006) 26.57 ng/ul**

**response 156052**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 20.10 | 18.48 |
| 79.00 | 13.90 | 12.77 |
| 0.00 | 0.00 | 0.00 |

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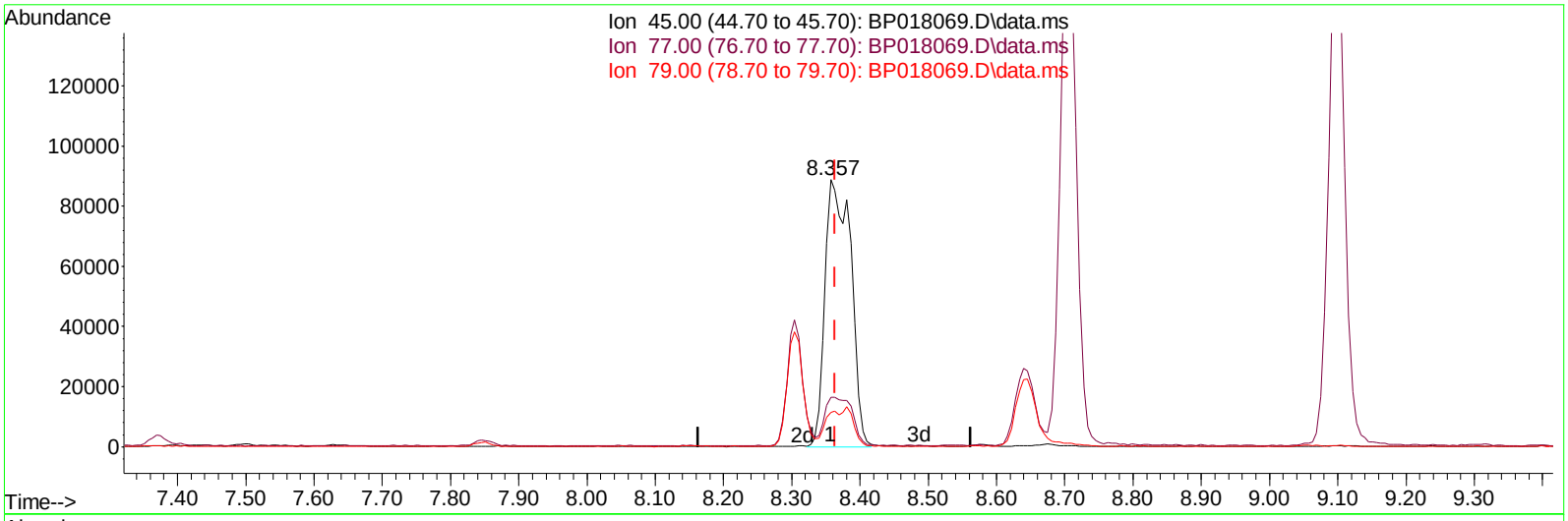


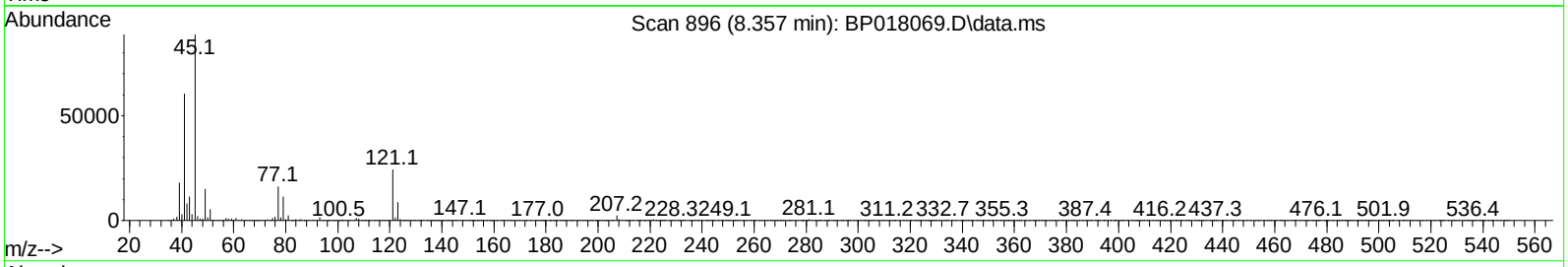


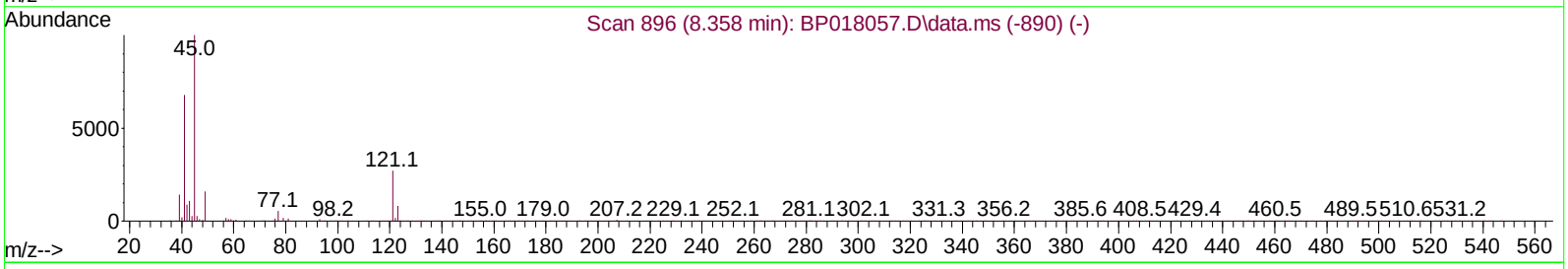


TIC: BP018069.D\data.ms

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

**8.357min (-0.006) 39.61 ng/ul m**

**response 232624**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 20.10 | 18.48 |
| 79.00 | 13.90 | 12.77 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 47 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A49A1MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 11/12/2023
Supervised By :mohammad ahmed 11/15/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.846 | 152 | 69620 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.669 | 136 | 286004 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.522 | 164 | 169955 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 361350 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.433 | 240 | 354691 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.939 | 264 | 396277 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.234 | 96 | 8667 | 4.392 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.669 | 84 | 60264 | 11.711 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.022 | 99 | 59874 | 8.908 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.198 | 67 | 149962 | 37.966 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.369 | 132 | 156455 | 29.395 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.575 | 113 | 102622 | 18.633 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.057 | 128 | 96461 | 37.435 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.763 | 143 | 107337 | 36.769 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.292 | 165 | 180298 | 34.653 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.845 | 131 | 200878 | 28.153 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.945 | 166 | 620742 | 39.585 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.222 | 160 | 639359 | 37.434 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.816 | 143 | 58596 | 25.006 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 15.527 | 176 | 502594 | 38.820 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 200 | 123952 | 47.450 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.410 | 188 | 849004 | 43.442 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.663 | 212 | 1074549 | 45.355 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.774 | 264 | 1104745 | 47.944 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.269 | 88 | 13144 | 6.103 | ng/uL | 93 |
| 5) Pyridine | 3.687 | 79 | 69111 | 13.013 | ng/ul | 97 |
| 6) Benzaldehyde | 7.016 | 77 | 143305 | 39.589 | ng/ul | 99 |
| 8) Phenol | 7.046 | 94 | 67530 | 10.185 | ng/ul | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.293 | 93 | 209384 | 40.705 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.404 | 128 | 173282 | 32.425 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.304 | 108 | 124921 | 24.935 | ng/ul | 94 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.357 | 45 | 232624m | 39.605 | ng/ul | |
| 16) Acetophenone | 8.704 | 105 | 335479 | 38.320 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.669 | 70 | 179086 | 37.467 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.640 | 108 | 114885 | 21.027 | ng/ul | 95 |
| 19) Hexachloroethane | 8.898 | 117 | 83430 | 32.629 | ng/ul | 94 |
| 22) Nitrobenzene | 9.098 | 77 | 284663 | 40.914 | ng/ul | 95 |
| 23) Isophorone | 9.604 | 82 | 489852 | 38.584 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.798 | 139 | 119324 | 39.777 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.845 | 107 | 150613 | 23.603 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.098 | 93 | 273741 | 39.540 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 186850 | 37.608 | ng/ul | 97 |
| 30) Naphthalene | 10.722 | 128 | 658489 | 37.859 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.875 | 127 | 200666 | 29.361 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.934 | 225 | 133217 | 36.524 | ng/ul | 98 |
| 34) Caprolactam | 11.728 | 113 | 10088 | 6.112 | ng/ul | 89 |
| 35) 4-Chloro-3-methylphenol | 11.981 | 107 | 198346 | 33.183 | ng/ul | 95 |

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**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 11/15/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.334 | 142 | 455562 | 38.151 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.557 | 142 | 449918 | 36.666 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.686 | 216 | 246718 | 42.972 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.622 | 237 | 78932 | 28.482 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.951 | 196 | 159959 | 42.471 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.028 | 196 | 174613 | 44.052 | ng/ul | 95 |
| 43) 1,1'-Biphenyl | 13.351 | 154 | 609841 | 42.198 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.398 | 162 | 483466 | 42.137 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.657 | 65 | 173094 | 46.750 | ng/ul | 100 |
| 47) Dimethylphthalate | 13.992 | 163 | 671957 | 43.683 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.151 | 165 | 139824 | 45.732 | ng/ul | 98 |
| 50) Acenaphthylene | 14.251 | 152 | 797029 | 41.332 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.492 | 138 | 126053 | 44.430 | ng/ul | 97 |
| 52) Acenaphthene | 14.586 | 153 | 532092 | 41.613 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.704 | 184 | 78736 | 47.205 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.816 | 109 | 44020 | 14.152 | ng/ul# | 54 |
| 56) Dibenzofuran | 14.927 | 168 | 741860 | 42.336 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.939 | 165 | 222407 | 48.687 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 156143 | 44.282 | ng/ul | 98 |
| 59) Diethylphthalate | 15.351 | 149 | 743524 | 46.265 | ng/ul | 99 |
| 61) Fluorene | 15.580 | 166 | 638835 | 42.942 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.575 | 204 | 318895 | 43.742 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.669 | 138 | 140689 | 52.549 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.698 | 198 | 140739 | 51.920 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.804 | 169 | 554311 | 47.832 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.480 | 248 | 196489 | 48.246 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.563 | 284 | 223296 | 49.136 | ng/ul | 94 |
| 70) Atrazine | 16.769 | 200 | 191272 | 47.316 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.939 | 266 | 136565 | 49.505 | ng/ul | 98 |
| 72) Phenanthrene | 17.351 | 178 | 1096383 | 49.416 | ng/ul | 99 |
| 74) Anthracene | 17.445 | 178 | 1086820 | 48.001 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.304 | 216 | 245500 | 44.490 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.822 | 250 | 225834 | 41.806 | ng/uL | 96 |
| 77) Carbazole | 17.739 | 167 | 1053991 | 53.606 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.245 | 149 | 1361579 | 54.579 | ng/ul | 99 |
| 80) Fluoranthene | 19.327 | 202 | 1382476 | 49.965 | ng/ul | 99 |
| 82) Pyrene | 19.692 | 202 | 1433479 | 49.441 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.557 | 149 | 668312 | 54.810 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.362 | 252 | 343517 | 40.537 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.415 | 228 | 1486650 | 51.907 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.292 | 149 | 969158 | 57.650 | ng/ul | 99 |
| 87) Chrysene | 21.474 | 228 | 1388691 | 51.828 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.256 | 149 | 1679512 | 56.672 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.162 | 252 | 1491292 | 52.879 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.215 | 252 | 1477825 | 52.084 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.827 | 252 | 1413790 | 53.084 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.609 | 276 | 1737725 | 54.401 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.627 | 278 | 1453480 | 55.262 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.439 | 276 | 1384882 | 54.205 | ng/ul | 95 |

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

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