Quantitation Report (Qedit)

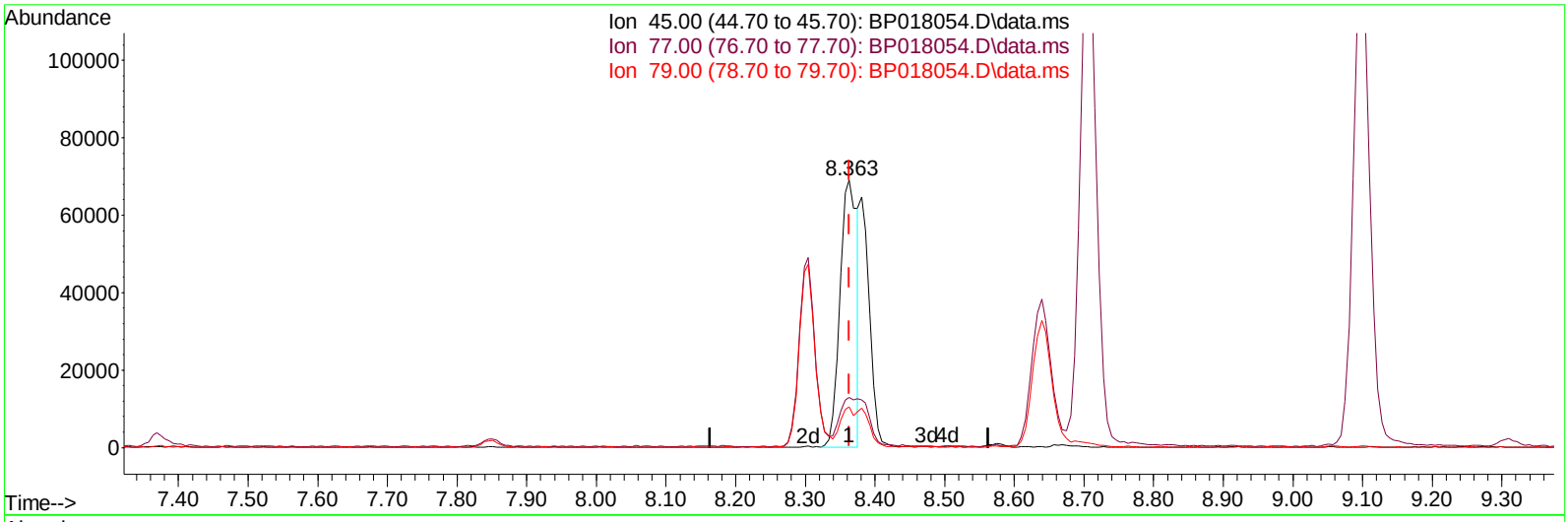
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018054.D
Acq On : 11 Nov 2023 07:53
Operator : MA/JU
Sample : PB156684BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

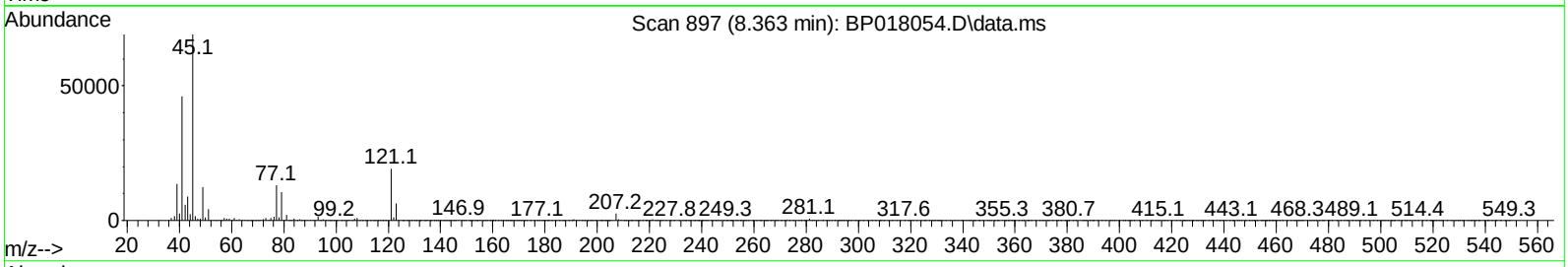
Quant Time: Nov 11 20:05:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

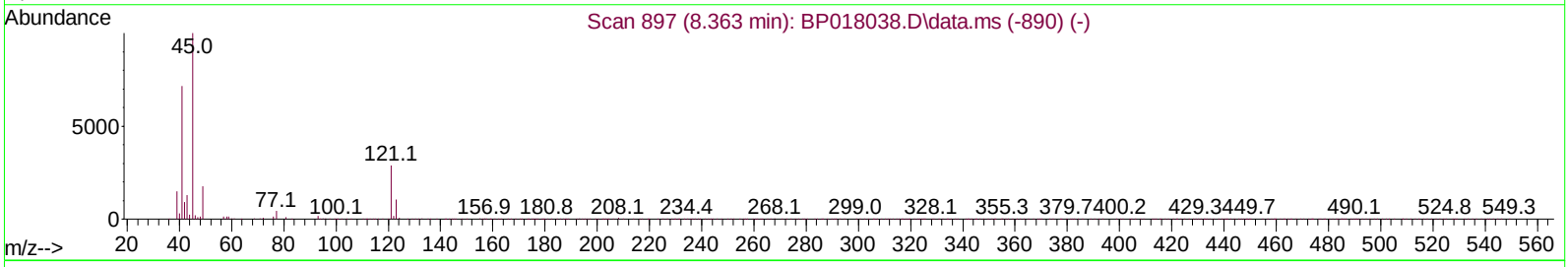
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS684

**Manual IntegrationsAPPROVED**

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




TIC: BP018054.D\data.ms

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

**8.363min (-0.000) 17.91 ng/ul**

**response 118723**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 20.10 | 18.88 |
| 79.00 | 13.90 | 15.22 |
| 0.00 | 0.00 | 0.00 |

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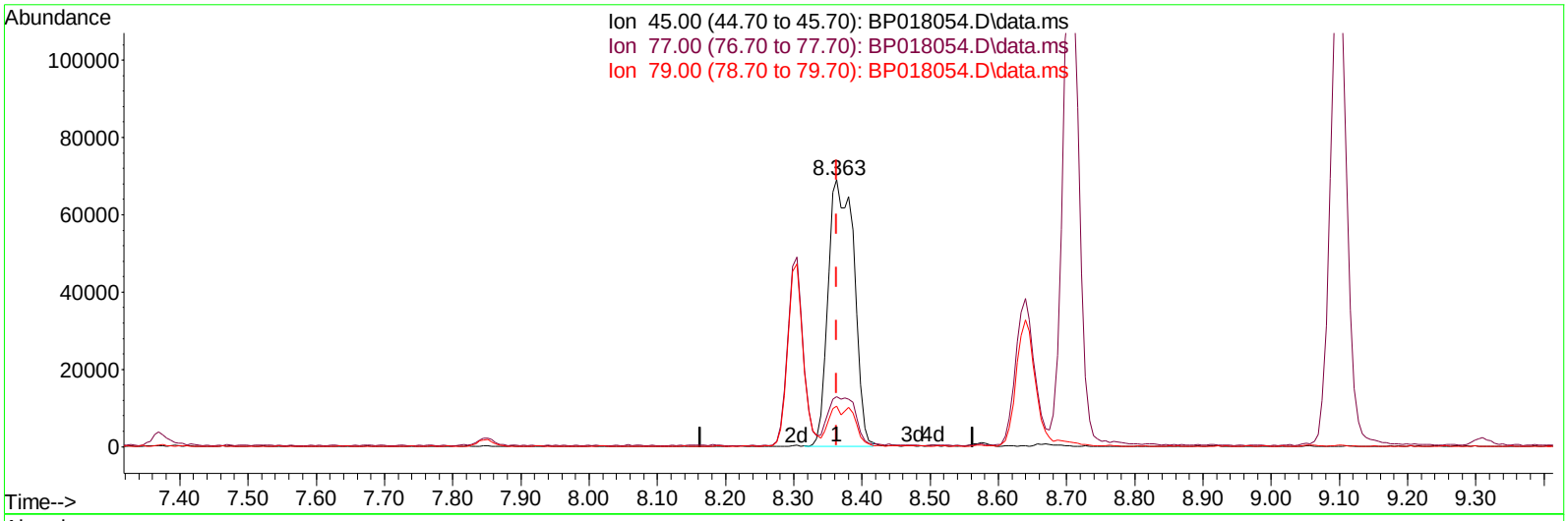


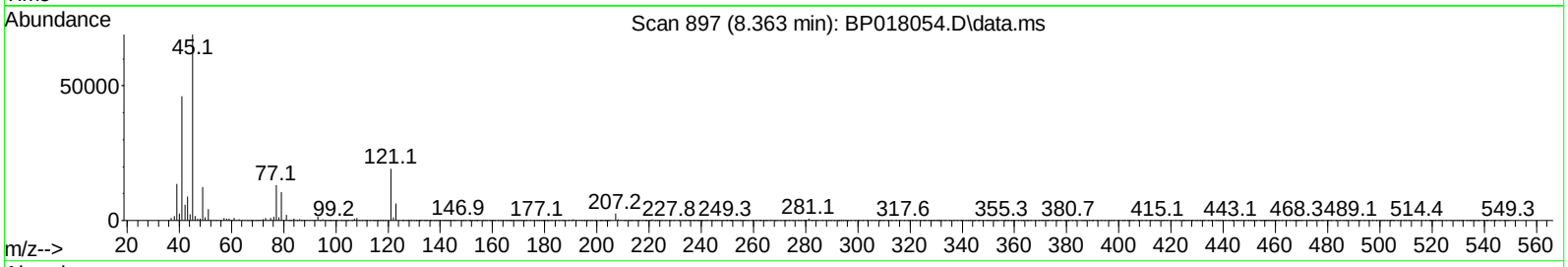


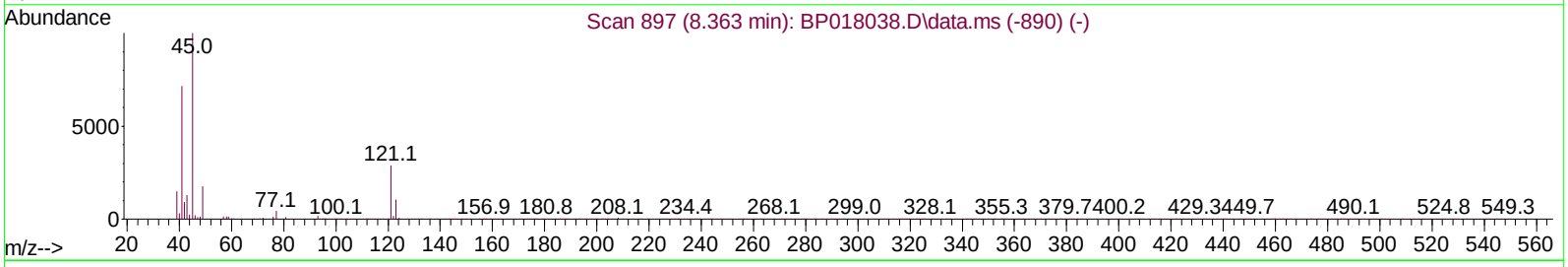


TIC: BP018054.D\data.ms

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

**8.363min (-0.000) 27.43 ng/ul m**

**response 181800**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 20.10 | 18.88 |
| 79.00 | 13.90 | 15.22 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB156684BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS684

**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.851 | 152 | 78563 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.669 | 136 | 307718 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.522 | 164 | 167126 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 321805 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.433 | 240 | 285065 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.933 | 264 | 353090 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.234 | 96 | 10819 | 4.858 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.663 | 84 | 143536 | 24.718 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.016 | 99 | 188407 | 24.840 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.198 | 67 | 112714 | 25.287 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.369 | 132 | 150130 | 24.995 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.575 | 113 | 145651 | 23.435 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.057 | 128 | 72155 | 26.026 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.769 | 143 | 79297 | 25.247 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.292 | 165 | 143492 | 25.633 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.845 | 131 | 172072 | 22.415 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.945 | 166 | 354986 | 23.021 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.222 | 160 | 428098 | 25.489 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.780 | 143 | 43894 | 19.049 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.527 | 176 | 303136 | 23.810 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 200 | 55793 | 23.982 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.404 | 188 | 428346 | 24.611 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.657 | 212 | 485205 | 25.482 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.768 | 264 | 538901 | 26.248 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.269 | 88 | 26668 | 10.973 | ng/uL | 94 |
| 5) Pyridine | 3.681 | 79 | 151168 | 25.224 | ng/ul | 97 |
| 6) Benzaldehyde | 7.016 | 77 | 109599 | 26.831 | ng/ul | 98 |
| 8) Phenol | 7.045 | 94 | 205035 | 27.403 | ng/ul | 95 |
| 10) Bis(2-Chloroethyl)ether | 7.293 | 93 | 160053 | 27.573 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.404 | 128 | 163983 | 27.192 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.304 | 108 | 147391 | 26.071 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.363 | 45 | 181800m | 27.429 | ng/ul | |
| 16) Acetophenone | 8.704 | 105 | 250605 | 25.367 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.669 | 70 | 131777 | 24.431 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.639 | 108 | 159098 | 25.805 | ng/ul | 98 |
| 19) Hexachloroethane | 8.898 | 117 | 76141 | 26.389 | ng/ul | 91 |
| 22) Nitrobenzene | 9.098 | 77 | 211688 | 28.278 | ng/ul | 95 |
| 23) Isophorone | 9.604 | 82 | 348302 | 25.498 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.798 | 139 | 92149 | 28.551 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.839 | 107 | 156865 | 22.848 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.098 | 93 | 201137 | 27.002 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 147855 | 27.659 | ng/ul | 98 |
| 30) Naphthalene | 10.722 | 128 | 504033 | 26.934 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.875 | 127 | 160512 | 21.829 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.939 | 225 | 108272 | 27.590 | ng/ul | 96 |
| 34) Caprolactam | 11.710 | 113 | 36972 | 20.820 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 11.986 | 107 | 161041 | 25.041 | ng/ul | 95 |

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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.333 | 142 | 327281 | 25.474 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.557 | 142 | 324579 | 24.585 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.686 | 216 | 173787 | 30.781 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.622 | 237 | 66933 | 24.561 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.951 | 196 | 107823 | 29.113 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.033 | 196 | 116070 | 29.778 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.351 | 154 | 415829 | 29.260 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.404 | 162 | 335235 | 29.712 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.657 | 65 | 103427 | 28.407 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.992 | 163 | 385184 | 25.464 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.151 | 165 | 78589 | 26.139 | ng/ul | 96 |
| 50) Acenaphthylene | 14.251 | 152 | 533395 | 28.129 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.492 | 138 | 73944 | 26.504 | ng/ul | 100 |
| 52) Acenaphthene | 14.586 | 153 | 347054 | 27.601 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.710 | 184 | 32521 | 19.828 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.798 | 109 | 76008 | 24.850 | ng/ul | 97 |
| 56) Dibenzofuran | 14.927 | 168 | 465997 | 27.044 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.939 | 165 | 110577 | 24.616 | ng/ul | 87 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 85389 | 24.626 | ng/ul | 96 |
| 59) Diethylphthalate | 15.351 | 149 | 378125 | 23.927 | ng/ul | 98 |
| 61) Fluorene | 15.580 | 166 | 379838 | 25.964 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.574 | 204 | 185580 | 25.887 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.669 | 138 | 70891 | 26.927 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.698 | 198 | 64169 | 26.582 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.804 | 169 | 303726 | 29.430 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.480 | 248 | 101763 | 28.057 | ng/ul | 92 |
| 69) Hexachlorobenzene | 16.557 | 284 | 114093 | 28.191 | ng/ul | 98 |
| 70) Atrazine | 16.763 | 200 | 82971 | 23.047 | ng/ul | 97 |
| 71) Pentachlorophenol | 16.933 | 266 | 64311 | 26.178 | ng/ul | 92 |
| 72) Phenanthrene | 17.345 | 178 | 554528 | 28.065 | ng/ul | 99 |
| 74) Anthracene | 17.439 | 178 | 547571 | 27.156 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.304 | 216 | 166667 | 33.915 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.822 | 250 | 141009 | 29.311 | ng/uL | 98 |
| 77) Carbazole | 17.739 | 167 | 487721 | 27.854 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.245 | 149 | 549099 | 24.715 | ng/ul | 99 |
| 80) Fluoranthene | 19.327 | 202 | 620809 | 27.917 | ng/ul | 100 |
| 82) Pyrene | 19.686 | 202 | 654017 | 28.067 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.551 | 149 | 253203 | 25.838 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.362 | 252 | 201700 | 29.615 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.415 | 228 | 661946 | 28.757 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.292 | 149 | 328539 | 24.316 | ng/ul | 99 |
| 87) Chrysene | 21.468 | 228 | 618052 | 28.700 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.256 | 149 | 591959 | 22.418 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.156 | 252 | 705406 | 28.072 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.209 | 252 | 698255 | 27.619 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.821 | 252 | 687245 | 28.960 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.591 | 276 | 888822 | 31.229 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.609 | 278 | 731667 | 31.221 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.421 | 276 | 726760 | 31.925 | ng/ul | 98 |

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

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