Quantitation Report (Qedit)

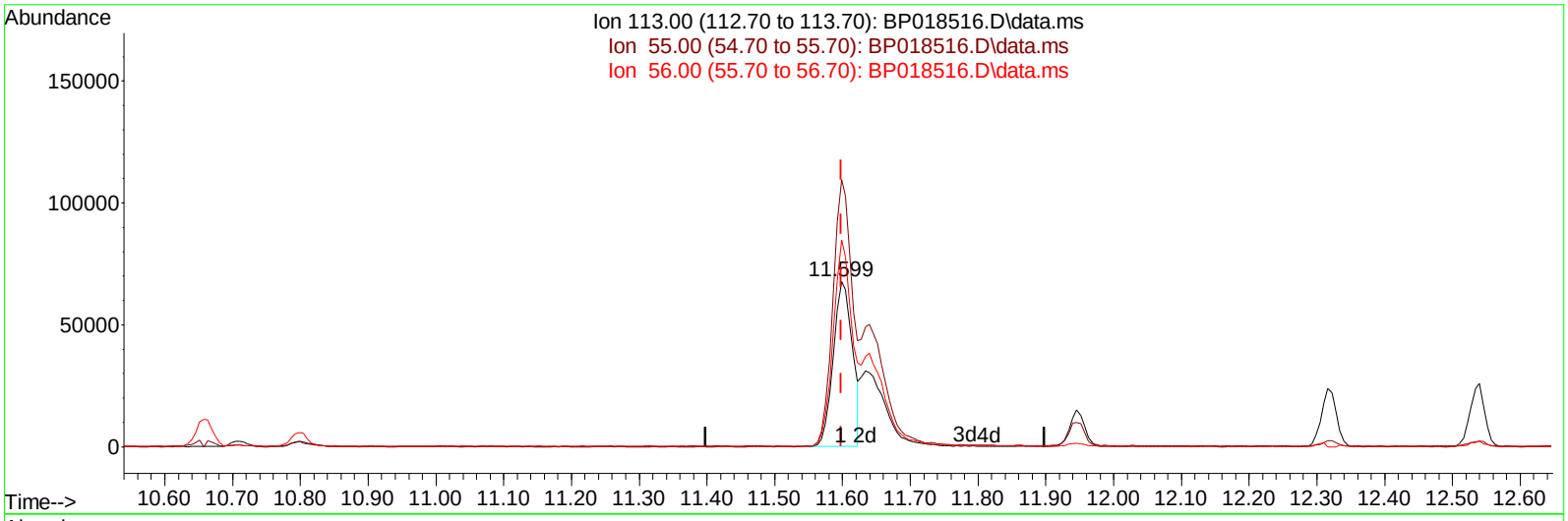
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018516.D
Acq On : 02 Dec 2023 15:28
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

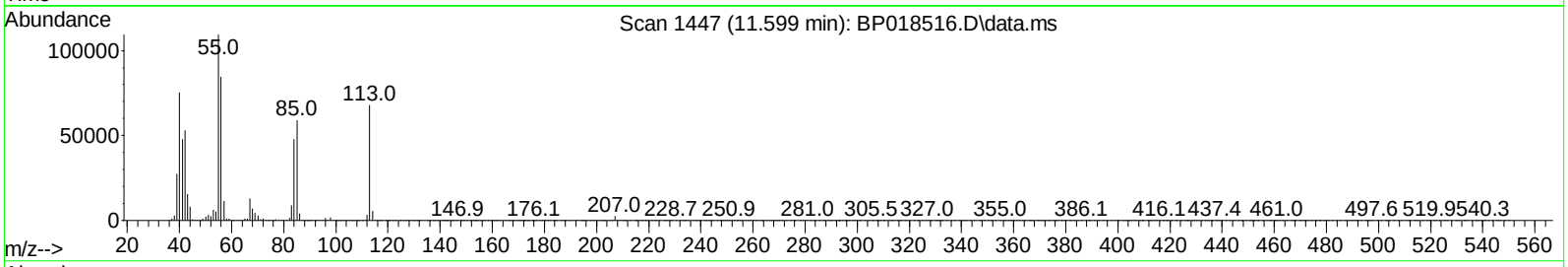
Quant Time: Dec 02 21:31:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
Response via : Initial Calibration

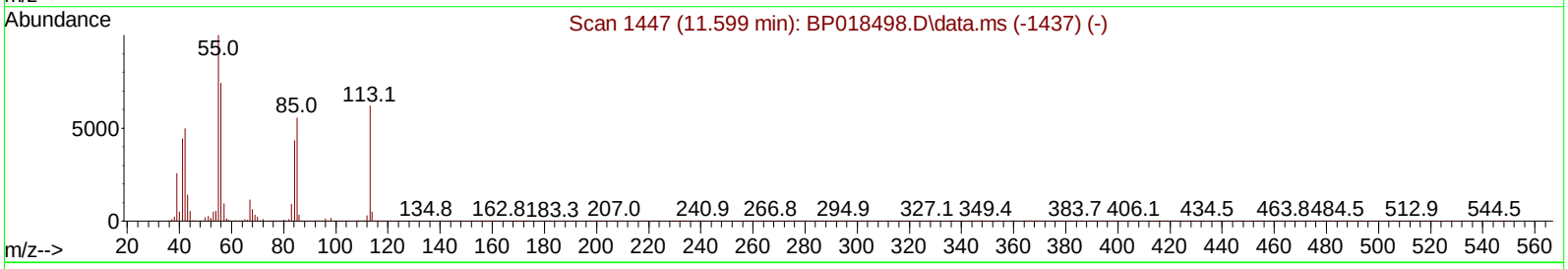
**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023




TIC: BP018516.D\data.ms

**(34) Caprolactam**

**11.599min (+ 0.000) 13.15 ng/ul**

**response 132177**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 167.10 | 161.35 |
| 56.00 | 121.80 | 124.99 |
| 0.00 | 0.00 | 0.00 |

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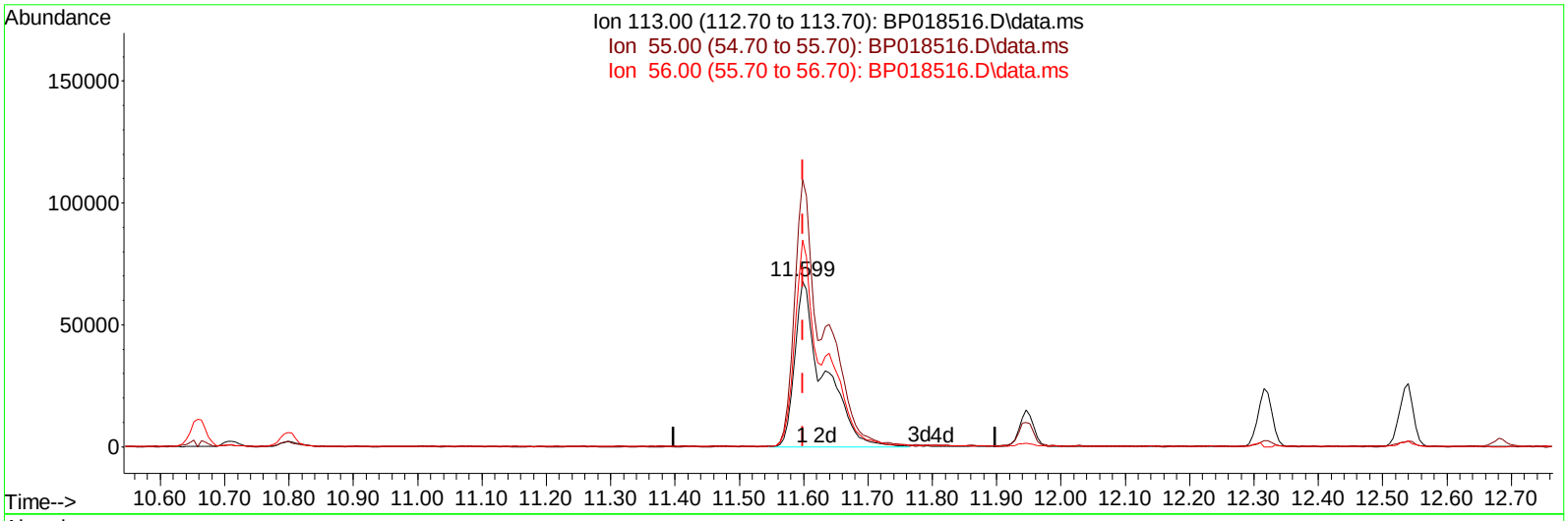


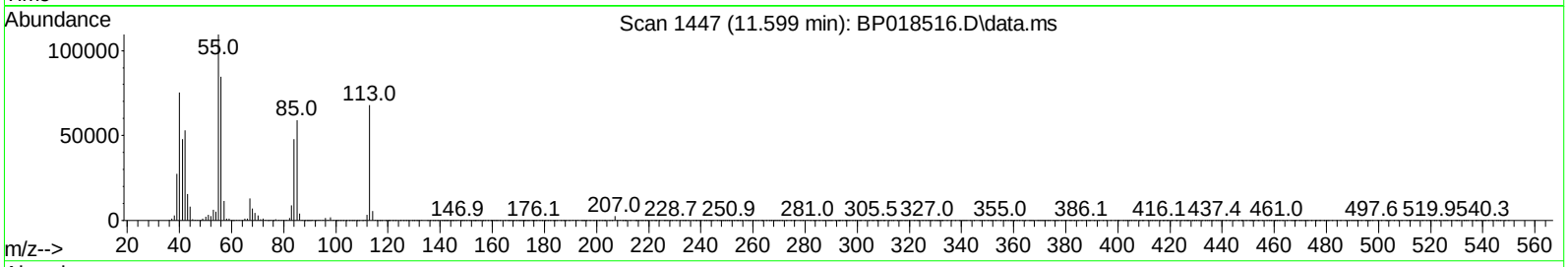


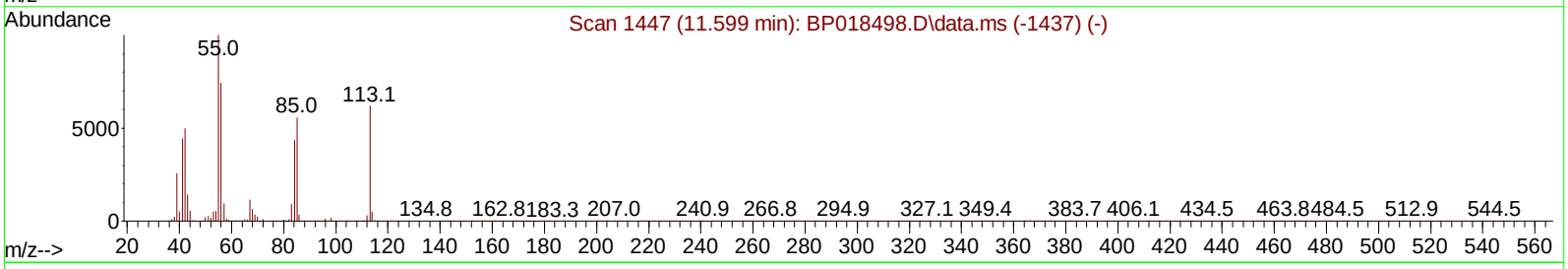


TIC: BP018516.D\data.ms

**(34) Caprolactam**

**11.599min (+ 0.000) 21.21 ng/ul m**

**response 213248**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 167.10 | 161.35 |
| 56.00 | 121.80 | 124.99 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018516.D
Acq On : 02 Dec 2023 15:28
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 02 22:15:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
Response via : Initial Calibration

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

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.863 | 152 | 400780 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.657 | 136 | 1803908 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.492 | 164 | 1208145 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.239 | 188 | 2583905 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.322 | 240 | 1889816 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.692 | 264 | 1861640 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.270 | 96 | 88958 | 7.564 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 667779 | 21.198 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.028 | 99 | 841087 | 20.912 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.199 | 67 | 512739 | 21.510 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.393 | 132 | 635022 | 20.234 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.575 | 113 | 693567 | 21.308 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.022 | 128 | 331219 | 20.630 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.746 | 143 | 347901 | 20.900 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.281 | 165 | 707140 | 20.776 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.799 | 131 | 972271 | 21.858 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.910 | 166 | 2189280 | 20.303 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.187 | 160 | 2446279 | 20.603 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.692 | 143 | 376942 | 21.297 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.481 | 176 | 1835688 | 20.281 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200 | 311204 | 20.087 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.333 | 188 | 2777300 | 20.445 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.569 | 212 | 2987417 | 20.308 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.539 | 264 | 2167445 | 19.968 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 98526 | 7.639 | ng/uL | 96 |
| 5) Pyridine | 3.711 | 79 | 671006 | 21.092 | ng/ul | 95 |
| 6) Benzaldehyde | 6.999 | 77 | 497257 | 23.946 | ng/ul | 98 |
| 8) Phenol | 7.058 | 94 | 837942 | 21.245 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.293 | 93 | 698642 | 21.568 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.422 | 128 | 639795 | 20.143 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.305 | 108 | 646315 | 21.404 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.393 | 45 | 871617 | 21.207 | ng/ul | 99 |
| 16) Acetophenone | 8.687 | 105 | 1077493 | 22.212 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.681 | 70 | 542196 | 20.318 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.640 | 108 | 713494 | 21.639 | ng/ul | 96 |
| 19) Hexachloroethane | 8.940 | 117 | 261867 | 20.111 | ng/ul | 98 |
| 22) Nitrobenzene | 9.063 | 77 | 792548 | 20.303 | ng/ul | 99 |
| 23) Isophorone | 9.593 | 82 | 1586667 | 19.935 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.775 | 139 | 376518 | 21.126 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.840 | 107 | 714521 | 20.499 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.081 | 93 | 1000457 | 19.911 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 676352 | 20.630 | ng/ul | 99 |
| 30) Naphthalene | 10.710 | 128 | 2210110 | 20.196 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.822 | 127 | 936393 | 22.087 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.999 | 225 | 447522 | 20.382 | ng/ul | 99 |
| 34) Caprolactam | 11.599 | 113 | 213248m | 21.213 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.946 | 107 | 743232 | 20.236 | ng/ul | 99 |

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/04/2023
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.316 | 142 | 1573070 | 20.291 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.540 | 142 | 1574471 | 20.110 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.687 | 216 | 895332 | 20.426 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.663 | 237 | 506009 | 19.476 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.928 | 196 | 581140 | 20.610 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 12.993 | 196 | 633058 | 20.709 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.328 | 154 | 2104092 | 20.137 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.369 | 162 | 1683271 | 20.397 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.575 | 65 | 462729 | 20.683 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.957 | 163 | 2146298 | 20.221 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.075 | 165 | 429196 | 21.403 | ng/ul | 94 |
| 50) Acenaphthylene | 14.210 | 152 | 2735765 | 20.494 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.398 | 138 | 446331 | 22.296 | ng/ul | 98 |
| 52) Acenaphthene | 14.557 | 153 | 1783382 | 20.205 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.598 | 184 | 198983 | 18.722 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.704 | 109 | 280659 | 20.988 | ng/ul | 99 |
| 56) Dibenzofuran | 14.887 | 168 | 2484088 | 20.249 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.857 | 165 | 610139 | 21.630 | ng/ul | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.116 | 232 | 533955 | 20.823 | ng/ul | 96 |
| 59) Diethylphthalate | 15.322 | 149 | 2102377 | 20.242 | ng/ul | 100 |
| 61) Fluorene | 15.539 | 166 | 1984971 | 20.449 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.534 | 204 | 1034965 | 20.330 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.563 | 138 | 447707 | 23.477 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.616 | 198 | 341021 | 20.588 | ng/ul | 94 |
| 67) N-Nitrosodiphenylamine | 15.751 | 169 | 1723323 | 20.127 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.428 | 248 | 650216 | 19.933 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.539 | 284 | 749673 | 20.584 | ng/ul | 98 |
| 70) Atrazine | 16.704 | 200 | 581263 | 22.834 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.881 | 266 | 449679 | 20.760 | ng/ul | 99 |
| 72) Phenanthrene | 17.281 | 178 | 3177609 | 20.362 | ng/ul | 100 |
| 74) Anthracene | 17.369 | 178 | 3218756 | 20.577 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.293 | 216 | 901628 | 20.181 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.804 | 250 | 890659 | 20.294 | ng/uL | 100 |
| 77) Carbazole | 17.645 | 167 | 2784508 | 22.335 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.198 | 149 | 3457528 | 20.828 | ng/ul | 100 |
| 80) Fluoranthene | 19.245 | 202 | 3541796 | 20.368 | ng/ul | 99 |
| 82) Pyrene | 19.598 | 202 | 3563316 | 20.313 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.474 | 149 | 1317522 | 20.516 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.245 | 252 | 920838 | 20.051 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.304 | 228 | 3089781 | 20.143 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149 | 1800579 | 20.399 | ng/ul | 100 |
| 87) Chrysene | 21.357 | 228 | 2823003 | 19.985 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.151 | 149 | 2677011 | 19.695 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.968 | 252 | 2657528 | 19.361 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.016 | 252 | 2623386 | 19.753 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.592 | 252 | 2504623 | 19.970 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.168 | 276 | 3166586 | 21.132 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.180 | 278 | 2644140 | 21.212 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 26.921 | 276 | 2571569 | 21.324 | ng/ul | 97 |

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

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