Quantitation Report (Qedit)

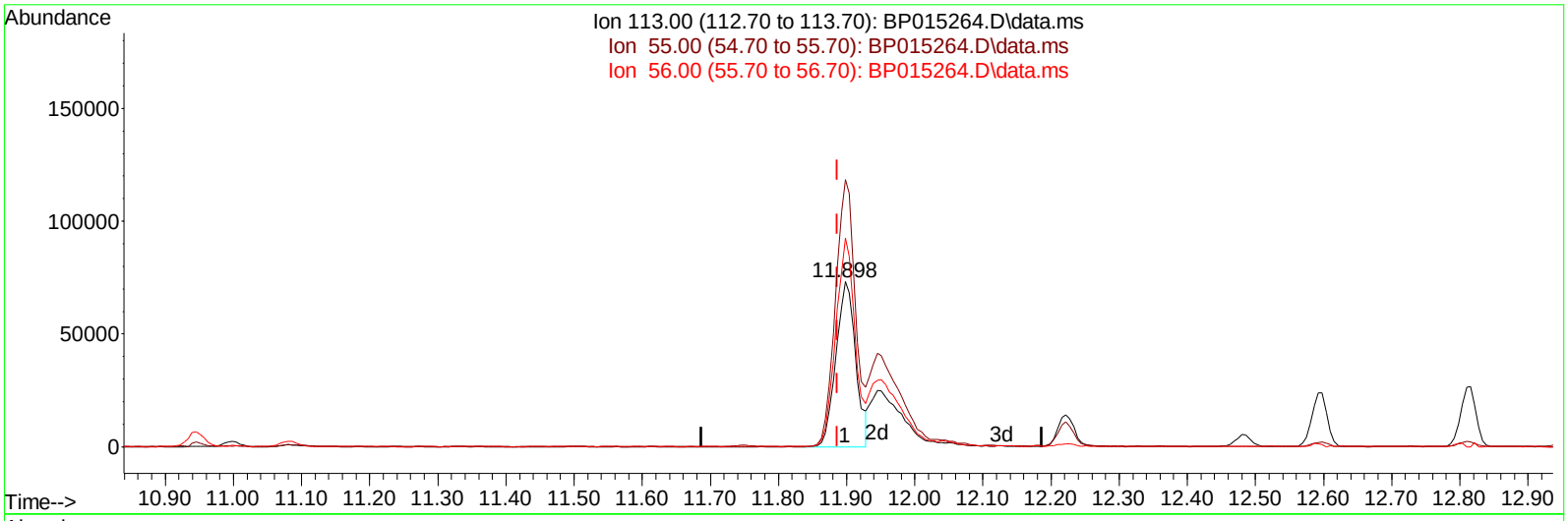
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015264.D
Acq On : 24 May 2023 04:48
Operator : CG/JU
Sample : PB152977BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

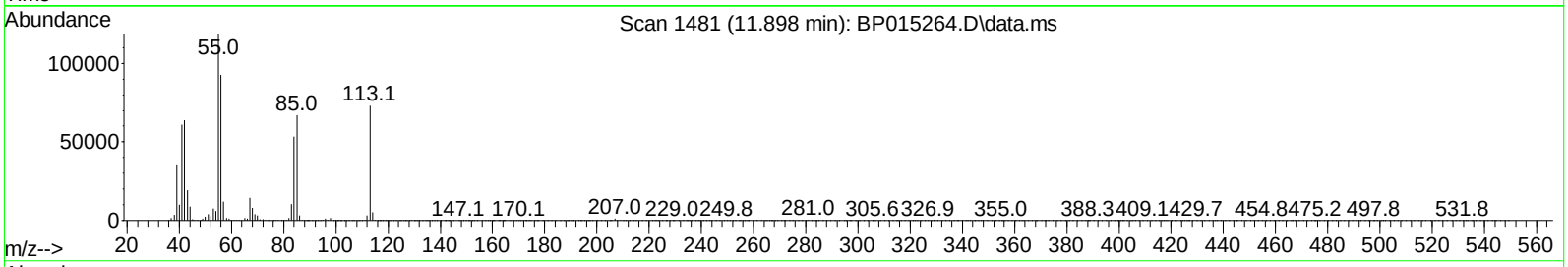
Quant Time: May 24 05:24:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 01:25:41 2023
Response via : Initial Calibration

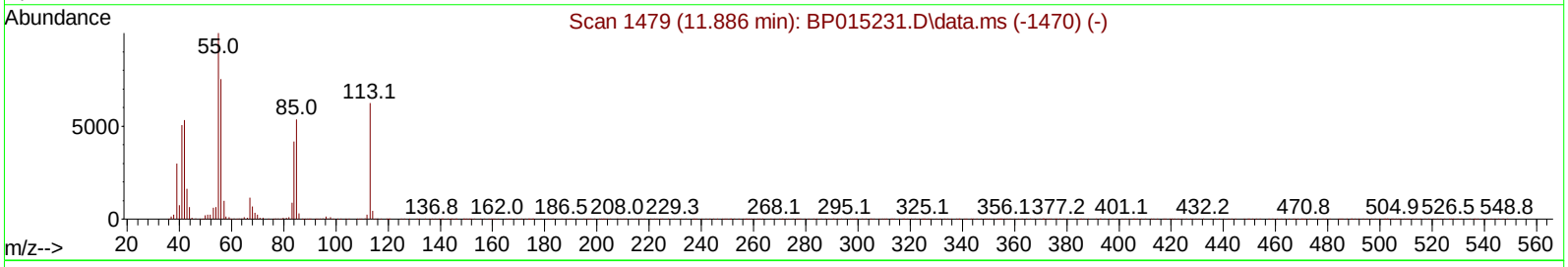
**Instrument :**
BNA_P
**ClientSampleId :**
SLCS977

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023




TIC: BP015264.D\data.ms

**(34) Caprolactam**

**11.898min (+ 0.011) 26.19 ng/ul**

**response 147159**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 151.50 | 161.84 |
| 56.00 | 112.80 | 126.58 |
| 0.00 | 0.00 | 0.00 |

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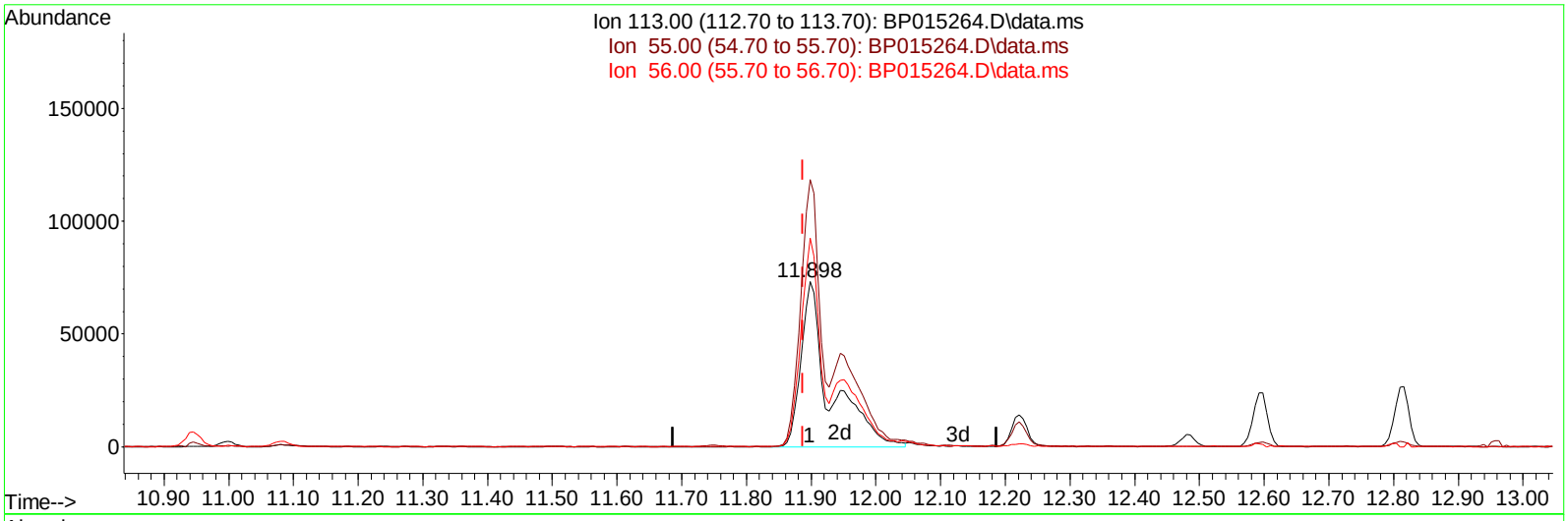


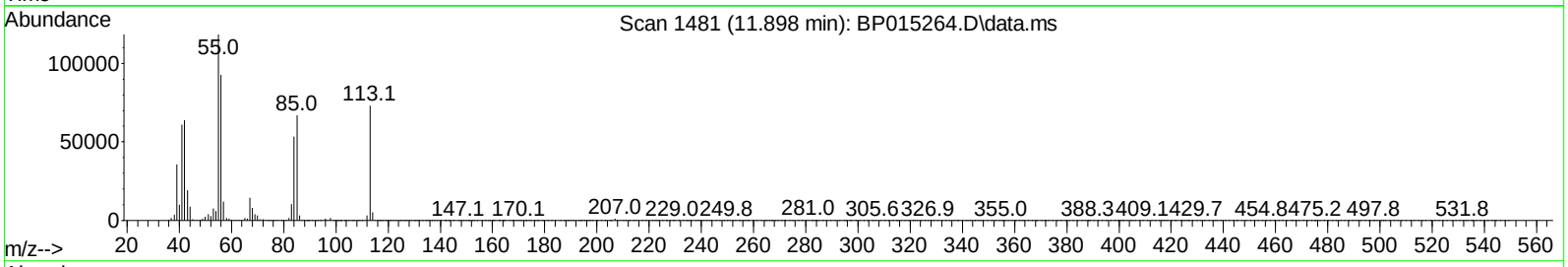


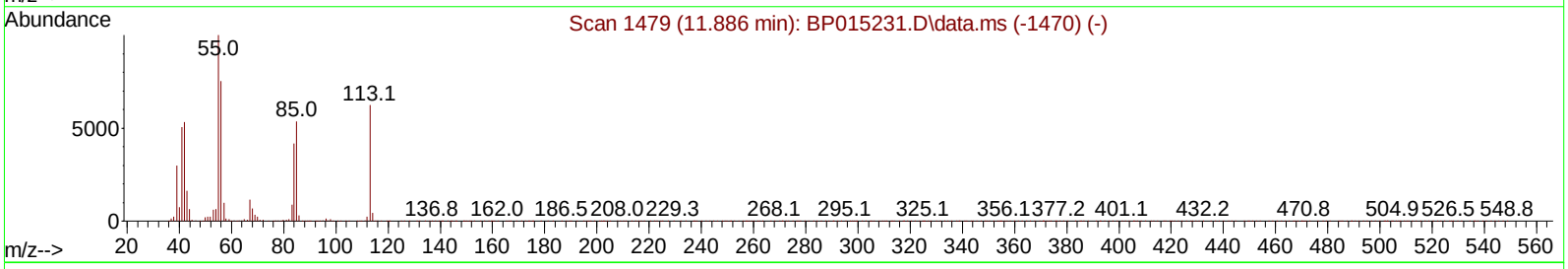


TIC: BP015264.D\data.ms

**(34) Caprolactam**

**11.898min (+ 0.011) 40.65 ng/ul m**

**response 228435**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 151.50 | 161.84 |
| 56.00 | 112.80 | 126.58 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 01:25:41 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS977

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.116 | 152 | 216747 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.945 | 136 | 935348 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.757 | 164 | 576558 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.510 | 188 | 1278360 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.586 | 240 | 891989 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.139 | 264 | 923028 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.428 | 96 | 45886 | 8.225 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.863 | 84 | 446457 | 28.234 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.269 | 99 | 863617 | 42.914 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.439 | 67 | 509325 | 43.821 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.645 | 132 | 682519 | 46.127 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.834 | 113 | 723942 | 45.145 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.298 | 128 | 347293 | 47.251 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.022 | 143 | 398279 | 48.701 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.563 | 165 | 718892 | 48.714 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.080 | 131 | 412669 | 18.900 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.163 | 166 | 2126003 | 48.797 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.451 | 160 | 2369294 | 47.549 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.957 | 143 | 372794 | 44.066 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.751 | 176 | 1727330 | 46.985 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.874 | 200 | 363627 | 45.136 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.610 | 188 | 2601599 | 44.444 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.827 | 212 | 2809843 | 54.314 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.974 | 264 | 2238920 | 48.863 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.463 | 88 | 96034 | 16.021 | ng/uL | 93 |
| 5) Pyridine | 3.887 | 79 | 584759 | 35.557 | ng/ul | 97 |
| 6) Benzaldehyde | 7.245 | 77 | 428804 | 77.522 | ng/ul | 98 |
| 8) Phenol | 7.298 | 94 | 890653 | 43.160 | ng/ul# | 91 |
| 10) Bis(2-Chloroethyl)ether | 7.534 | 93 | 685713 | 41.533 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.675 | 128 | 676695 | 43.237 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.563 | 108 | 674743 | 42.306 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.645 | 45 | 875443 | 42.322 | ng/ul | 99 |
| 16) Acetophenone | 8.951 | 105 | 1044644 | 41.739 | ng/ul | 93 |
| 17) N-Nitroso-di-n-propyla... | 8.939 | 70 | 537659 | 40.961 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.898 | 108 | 731263 | 41.657 | ng/ul | 98 |
| 19) Hexachloroethane | 9.210 | 117 | 271771 | 42.527 | ng/ul | 88 |
| 22) Nitrobenzene | 9.339 | 77 | 833540 | 45.918 | ng/ul | 97 |
| 23) Isophorone | 9.869 | 82 | 1591725 | 42.660 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.057 | 139 | 410296 | 45.751 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 10.110 | 107 | 799391 | 44.669 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.345 | 93 | 967309 | 42.608 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.592 | 162 | 691224 | 46.371 | ng/ul | 98 |
| 30) Naphthalene | 10.998 | 128 | 2167886 | 42.632 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.110 | 127 | 660525 | 29.434 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.275 | 225 | 436596 | 48.597 | ng/ul | 96 |
| 34) Caprolactam | 11.898 | 113 | 228435m | 40.647 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.222 | 107 | 785680 | 46.679 | ng/ul | 98 |

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Sample : PB152977BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: May 24 05:27:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

**Instrument :**
BNA_P
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**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.598 | 142 | 1486100 | 43.373 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.816 | 142 | 1513060 | 43.974 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.957 | 216 | 827704 | 48.001 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.933 | 237 | 391309 | 35.025 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.198 | 196 | 566942 | 46.561 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.269 | 196 | 625279 | 47.362 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.592 | 154 | 2018157 | 45.115 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.639 | 162 | 1591920 | 45.568 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.845 | 65 | 505240 | 50.546 | ng/ul | 93 |
| 47) Dimethylphthalate | 14.210 | 163 | 2043162 | 45.030 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.339 | 165 | 449016 | 49.951 | ng/ul | 97 |
| 50) Acenaphthylene | 14.480 | 152 | 2426486 | 43.643 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.669 | 138 | 432415 | 53.422 | ng/ul | 100 |
| 52) Acenaphthene | 14.821 | 153 | 1663645 | 43.811 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.874 | 184 | 241585 | 40.477 | ng/ul | 92 |
| 55) 4-Nitrophenol | 14.969 | 109 | 314028 | 50.467 | ng/ul | 84 |
| 56) Dibenzofuran | 15.157 | 168 | 2352953 | 44.549 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.121 | 165 | 626553 | 48.168 | ng/ul | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.380 | 232 | 506238 | 45.435 | ng/ul | 99 |
| 59) Diethylphthalate | 15.568 | 149 | 2050956 | 45.320 | ng/ul | 99 |
| 61) Fluorene | 15.804 | 166 | 1843219 | 43.426 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.792 | 204 | 945192 | 45.576 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.833 | 138 | 429521 | 61.449 | ng/ul# | 88 |
| 66) 4,6-Dinitro-2-methylph... | 15.886 | 198 | 348472 | 41.911 | ng/ul# | 99 |
| 67) N-Nitrosodiphenylamine | 16.010 | 169 | 1615770 | 42.985 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.692 | 248 | 625777 | 47.525 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.810 | 284 | 715342 | 45.972 | ng/ul | 99 |
| 70) Atrazine | 16.957 | 200 | 218403 | 15.720 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.157 | 266 | 410679 | 42.193 | ng/ul | 99 |
| 72) Phenanthrene | 17.551 | 178 | 2988718 | 42.934 | ng/ul | 99 |
| 74) Anthracene | 17.645 | 178 | 2958347 | 42.027 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.563 | 216 | 852783 | 47.050 | ng/uL | 100 |
| 76) Pentachlorobenzene | 15.074 | 250 | 817381 | 44.913 | ng/uL | 99 |
| 77) Carbazole | 17.910 | 167 | 2605839 | 42.217 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.439 | 149 | 3512225 | 44.185 | ng/ul | 99 |
| 80) Fluoranthene | 19.504 | 202 | 3355123 | 53.209 | ng/ul | 96 |
| 82) Pyrene | 19.856 | 202 | 3283044 | 50.419 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.709 | 149 | 1500594 | 51.983 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.492 | 252 | 896072 | 45.741 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.568 | 228 | 2832412 | 45.924 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.468 | 149 | 2238452 | 53.862 | ng/ul | 99 |
| 87) Chrysene | 21.627 | 228 | 2620905 | 44.453 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.439 | 149 | 3492363 | 55.245 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.356 | 252 | 2751797 | 47.027 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.403 | 252 | 2580426 | 45.925 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.027 | 252 | 2328285 | 45.016 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.850 | 276 | 3054707 | 45.614 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.862 | 278 | 2559492 | 46.558 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.685 | 276 | 2525758 | 46.251 | ng/ul | 98 |

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

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