Quantitation Report (Qedit)

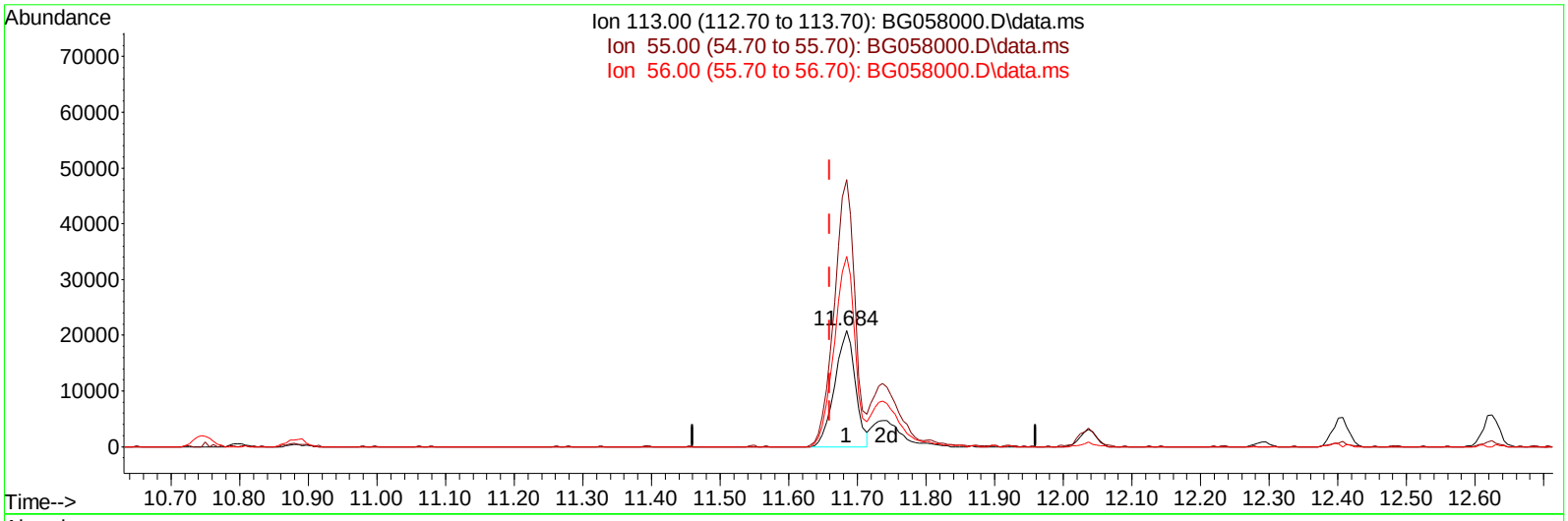
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058000.D
Acq On : 4 Jul 2023 23:53
Operator : CG/JU
Sample : PB153782BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

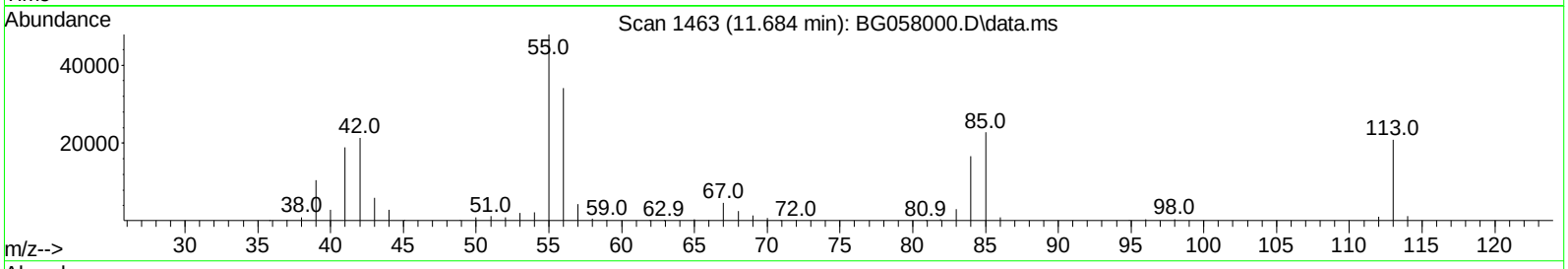
Quant Time: Jul 05 02:21:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

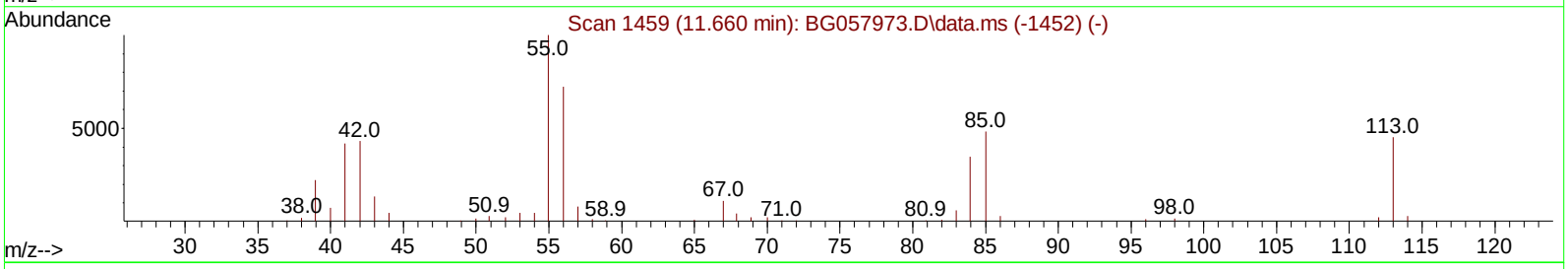
**Instrument :**
BNA_G
**ClientSampleId :**
SLCS782

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023




TIC: BG058000.D\data.ms

**(34) Caprolactam**

**11.684min (+ 0.024) 23.92 ng/ul**

**response 43512**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 229.30 | 229.84 |
| 56.00 | 153.80 | 163.94 |
| 0.00 | 0.00 | 0.00 |

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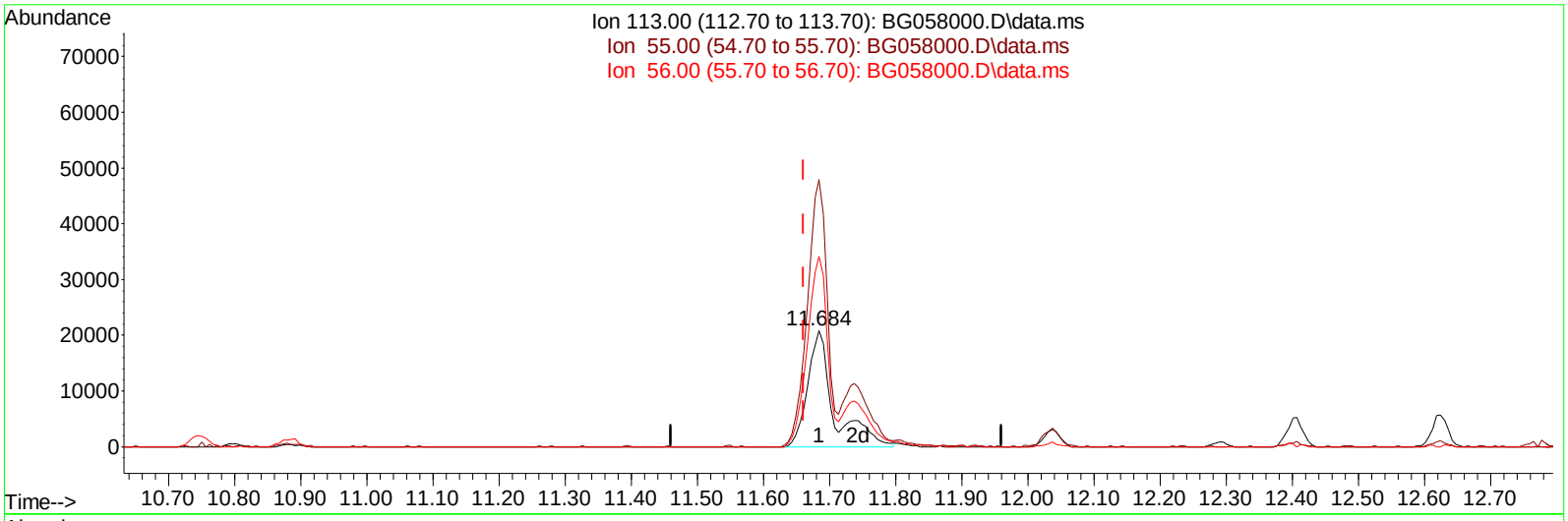


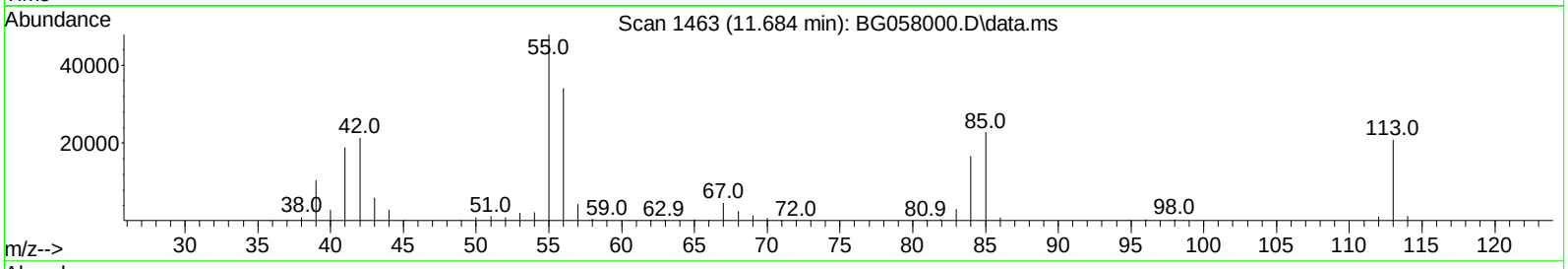


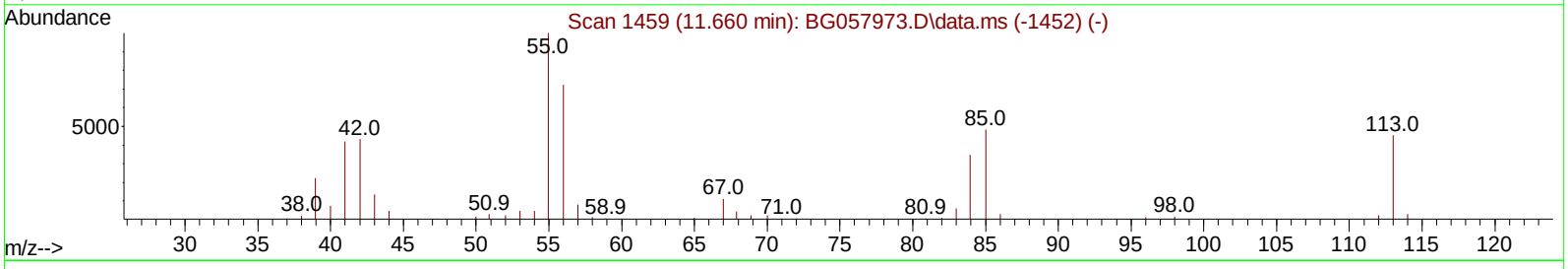


TIC: BG058000.D\data.ms

**(34) Caprolactam**

**11.684min (+ 0.024) 31.33 ng/ul m**

**response 56999**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 229.30 | 229.84 |
| 56.00 | 153.80 | 163.94 |
| 0.00 | 0.00 | 0.00 |

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Acq On : 4 Jul 2023 23:53
Operator : CG/JU
Sample : PB153782BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Jul 05 02:21:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 07/05/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.942 | 152 | 58460 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.744 | 136 | 283213 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.575 | 164 | 190175 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.319 | 188 | 414004 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.578 | 240 | 332340 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.739 | 264 | 399323 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.376 | 96 | 10312 | 6.177 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.788 | 84 | 162682 | 32.097 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.107 | 99 | 218033 | 36.520 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.266 | 67 | 128372 | 35.680 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.477 | 132 | 159580 | 38.755 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.658 | 113 | 168850 | 37.482 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 9.105 | 128 | 83410 | 36.135 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.828 | 143 | 92432 | 38.100 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.368 | 165 | 172657 | 37.099 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.885 | 131 | 226131 | 32.048 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.981 | 166 | 503335 | 33.544 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.269 | 160 | 590466 | 36.061 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.786 | 143 | 87607 | 33.046 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.568 | 176 | 438890 | 34.441 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.691 | 200 | 83680 | 37.223 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.419 | 188 | 650231 | 33.847 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.704 | 212 | 754098 | 36.028 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.528 | 264 | 792284 | 38.943 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.412 | 88 | 23933 | 11.604 | ng/uL | 98 |
| 5) Pyridine | 3.805 | 79 | 166630 | 32.087 | ng/ul | 98 |
| 6) Benzaldehyde | 7.078 | 77 | 123605 | 61.994 | ng/ul | 97 |
| 8) Phenol | 7.137 | 94 | 238331 | 39.339 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.360 | 93 | 167592 | 35.826 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.507 | 128 | 165139 | 38.540 | ng/ul | 95 |
| 13) 2-Methylphenol | 8.388 | 108 | 184075 | 38.687 | ng/ul | 96 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.464 | 45 | 266954 | 37.073 | ng/ul | 97 |
| 16) Acetophenone | 8.764 | 105 | 272430 | 36.450 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.752 | 70 | 140439 | 35.149 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.717 | 108 | 196649 | 38.222 | ng/ul | 100 |
| 19) Hexachloroethane | 9.023 | 117 | 61025 | 37.150 | ng/ul | 94 |
| 22) Nitrobenzene | 9.146 | 77 | 211578 | 35.308 | ng/ul | 95 |
| 23) Isophorone | 9.669 | 82 | 424696 | 33.215 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.863 | 139 | 98148 | 37.703 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.922 | 107 | 163618 | 27.951 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 10.151 | 93 | 241666 | 33.540 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.397 | 162 | 169757 | 37.516 | ng/ul | 94 |
| 30) Naphthalene | 10.797 | 128 | 564148 | 35.445 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.909 | 127 | 197406 | 27.361 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.079 | 225 | 116369 | 36.326 | ng/ul | 97 |
| 34) Caprolactam | 11.684 | 113 | 56999m | 31.332 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.037 | 107 | 202204 | 36.378 | ng/ul | 97 |

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

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.407 | 142 | 377105 | 35.148 | ng/ul | 95 |
| 37) 1-Methylnaphthalene | 12.624 | 142 | 376618 | 35.005 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.771 | 216 | 224821 | 38.793 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.748 | 237 | 79182 | 21.691 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.012 | 196 | 153955 | 39.195 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.088 | 196 | 165937 | 39.062 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.412 | 154 | 495752 | 36.173 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.453 | 162 | 406324 | 36.941 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.658 | 65 | 143064 | 37.410 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.028 | 163 | 506229 | 33.580 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.152 | 165 | 112612 | 36.392 | ng/ul | 92 |
| 50) Acenaphthylene | 14.299 | 152 | 623797 | 35.279 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.487 | 138 | 114223 | 43.680 | ng/ul | 98 |
| 52) Acenaphthene | 14.640 | 153 | 432785 | 35.669 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.692 | 184 | 56665 | 35.125 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.798 | 109 | 65712 | 33.460 | ng/ul | 88 |
| 56) Dibenzofuran | 14.974 | 168 | 609325 | 35.328 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.939 | 165 | 156356 | 35.663 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.204 | 232 | 139721 | 36.130 | ng/ul# | 100 |
| 59) Diethylphthalate | 15.392 | 149 | 522591 | 33.214 | ng/ul | 99 |
| 61) Fluorene | 15.627 | 166 | 481557 | 34.028 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.615 | 204 | 262153 | 35.009 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.650 | 138 | 109410 | 46.705 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.703 | 198 | 89032 | 38.727 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.826 | 169 | 411474 | 37.346 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.508 | 248 | 179974 | 39.603 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.625 | 284 | 196517 | 38.624 | ng/ul | 98 |
| 70) Atrazine | 16.778 | 200 | 118228 | 26.240 | ng/ul | 93 |
| 71) Pentachlorophenol | 16.972 | 266 | 110300 | 36.110 | ng/ul | 97 |
| 72) Phenanthrene | 17.366 | 178 | 743591 | 35.310 | ng/ul | 99 |
| 74) Anthracene | 17.454 | 178 | 728757 | 34.196 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.376 | 216 | 236388 | 43.053 | ng/uL | 96 |
| 76) Pentachlorobenzene | 14.898 | 250 | 523619 | 89.293 | ng/uL | 99 |
| 77) Carbazole | 17.724 | 167 | 692307 | 35.920 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.276 | 149 | 852958 | 34.742 | ng/ul | 99 |
| 80) Fluoranthene | 19.375 | 202 | 866520 | 35.727 | ng/ul | 99 |
| 82) Pyrene | 19.734 | 202 | 865118 | 35.436 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.615 | 149 | 371211 | 37.496 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.473 | 252 | 337649 | 41.967 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.555 | 228 | 882111 | 36.966 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.455 | 149 | 530725 | 37.410 | ng/ul | 98 |
| 87) Chrysene | 21.625 | 228 | 822065 | 36.749 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.648 | 149 | 940477 | 38.332 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.741 | 252 | 928711 | 37.561 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.805 | 252 | 918374 | 37.895 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.598 | 252 | 824318 | 37.667 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.353 | 276 | 1006952 | 34.650 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 28.429 | 278 | 887269 | 37.026 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 29.493 | 276 | 766438 | 32.290 | ng/ul | 100 |

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

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