Quantitation Report (Qedit)

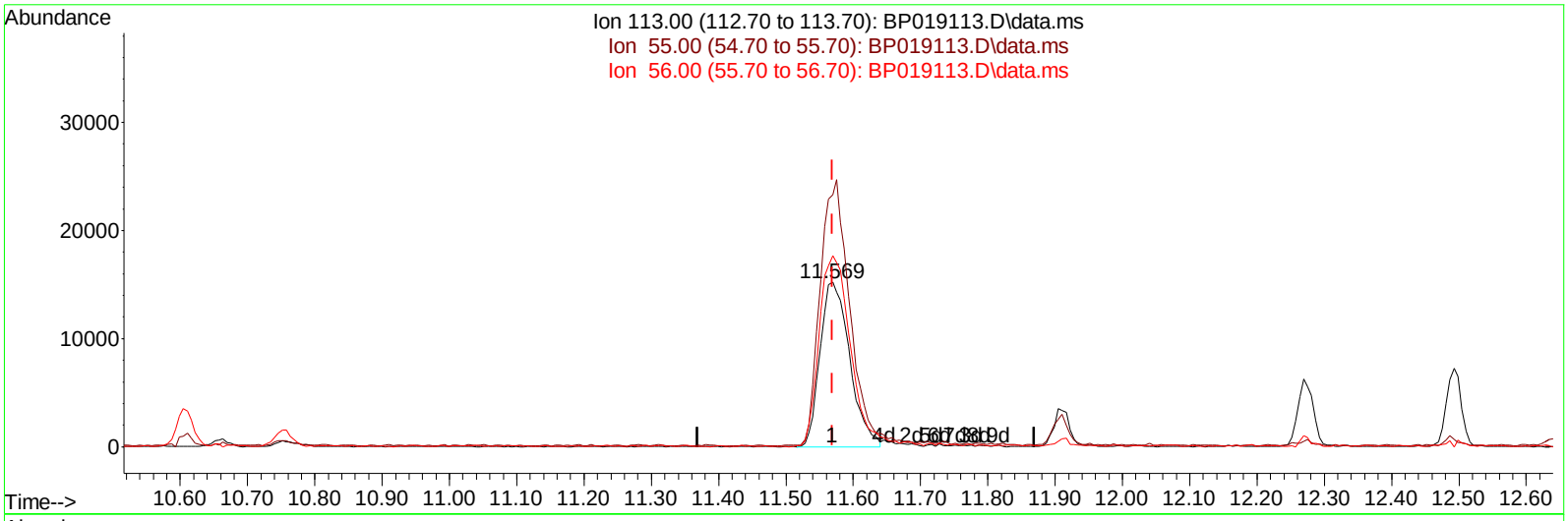
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
Data File : BP019113.D
Acq On : 27 Dec 2023 13:41
Operator : MA/JU
Sample : SSTD02072
Misc :
ALS Vial : 4 Sample Multiplier: 1

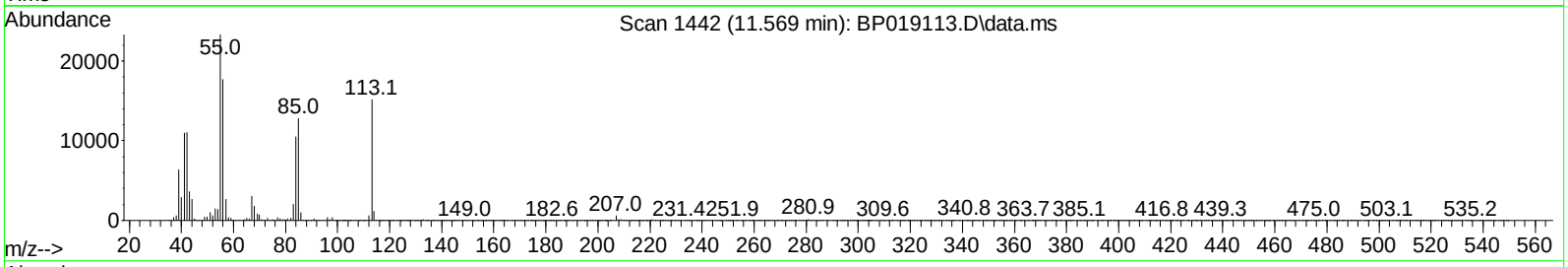
Quant Time: Dec 28 02:27:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 28 02:21:23 2023
Response via : Initial Calibration

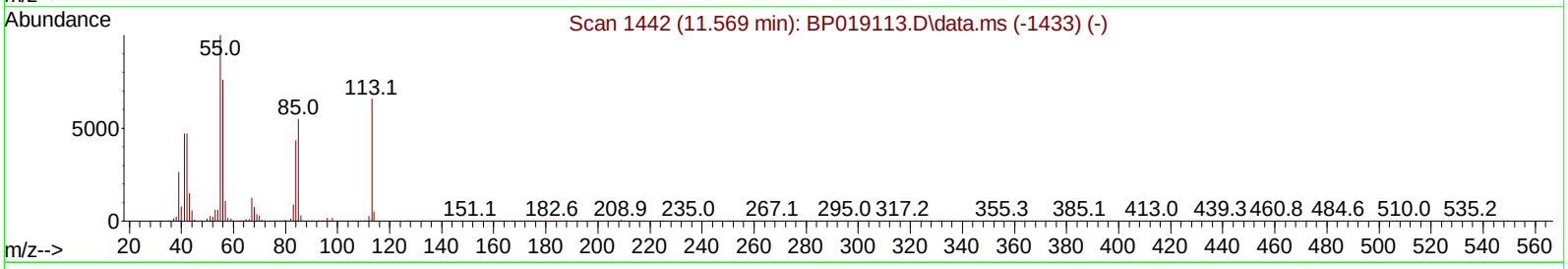
**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020639

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :Sohil Jodhani 12/28/2023




TIC: BP019113.D\data.ms

**(34) Caprolactam**

**11.569min ( 0.000) 17.69 ng/ul**

**response 46538**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 153.30 | 153.30 |
| 56.00 | 116.20 | 116.21 |
| 0.00 | 0.00 | 0.00 |

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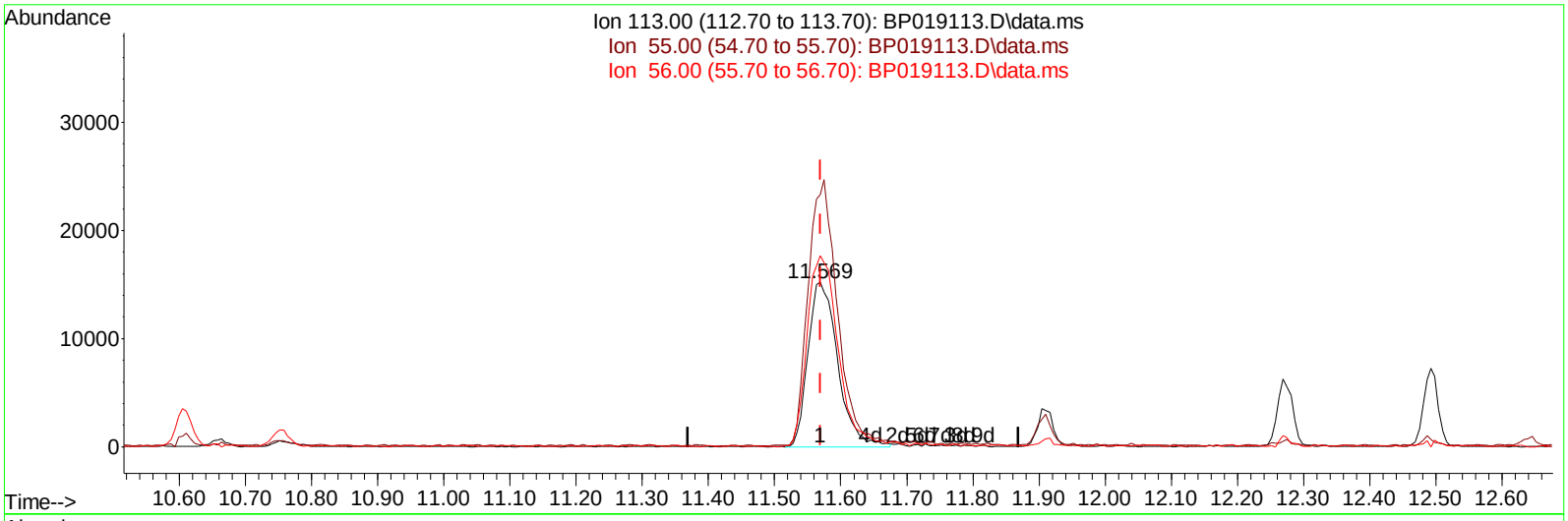


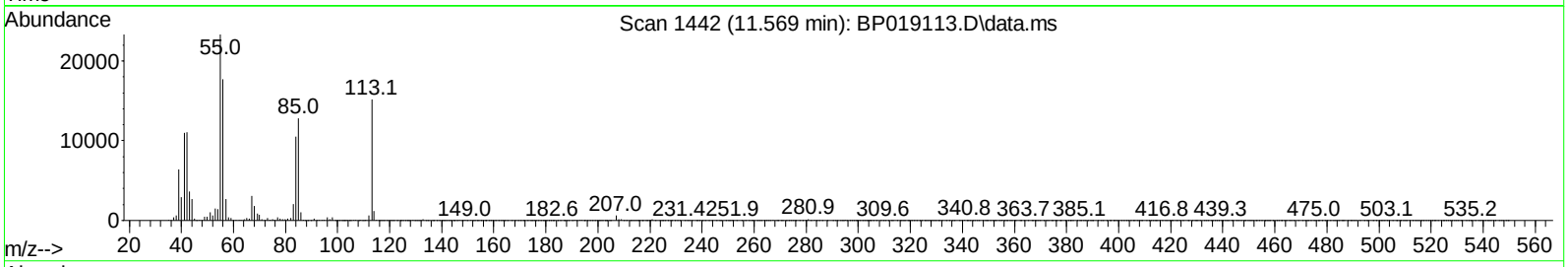


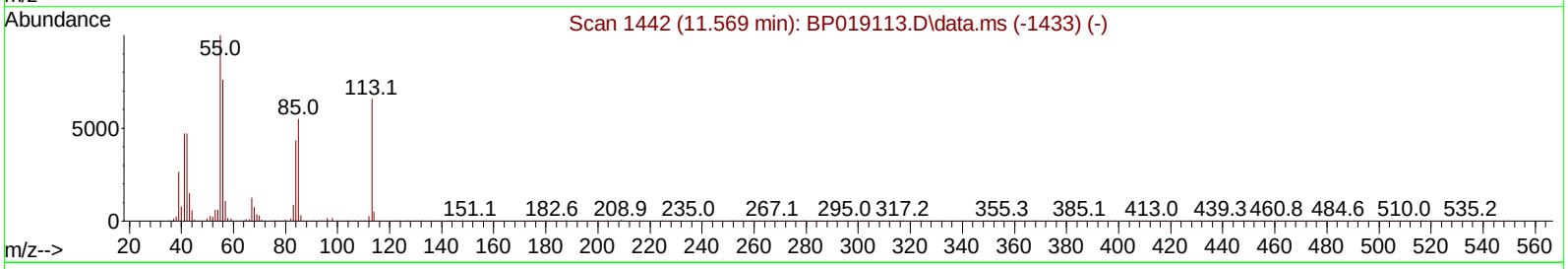


TIC: BP019113.D\data.ms

**(34) Caprolactam**

**11.569min ( 0.000) 18.01 ng/ul m**

**response 47383**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 153.30 | 153.30 |
| 56.00 | 116.20 | 116.21 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 28 02:21:23 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020639

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :Sohil Jodhani 12/28/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.811 | 152 | 144457 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.605 | 136 | 545364 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.457 | 164 | 336147 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.210 | 188 | 780314 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.316 | 240 | 893557 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.692 | 264 | 1064572 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.234 | 96 | 32423 | 7.698 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.658 | 84 | 213239 | 20.086 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.987 | 99 | 249972 | 19.296 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.146 | 67 | 149692 | 19.974 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.340 | 132 | 198285 | 18.986 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.528 | 113 | 190754 | 18.913 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.975 | 128 | 91170 | 19.339 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.693 | 143 | 96921 | 19.023 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.234 | 165 | 198379 | 19.282 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.752 | 131 | 247504 | 19.558 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.875 | 166 | 568805 | 19.157 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.146 | 160 | 622384 | 19.319 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.669 | 143 | 97136 | 19.374 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.451 | 176 | 494240 | 19.268 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200 | 92979 | 18.176 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.310 | 188 | 792501 | 19.448 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.557 | 212 | 1019936 | 18.729 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.533 | 264 | 1156784 | 18.904 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.270 | 88 | 35750 | 7.687 | ng/uL | 100 |
| 5) Pyridine | 3.676 | 79 | 219579 | 20.376 | ng/ul | 100 |
| 6) Benzaldehyde | 6.952 | 77 | 117772 | 19.580 | ng/ul | 100 |
| 8) Phenol | 7.011 | 94 | 248822 | 19.446 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.240 | 93 | 205781 | 19.876 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.375 | 128 | 201060 | 18.810 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.264 | 108 | 179742 | 18.989 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.340 | 45 | 247151 | 20.237 | ng/ul | 100 |
| 16) Acetophenone | 8.640 | 105 | 298310 | 19.749 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.622 | 70 | 141461 | 18.781 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.593 | 108 | 196420 | 19.278 | ng/ul | 100 |
| 19) Hexachloroethane | 8.881 | 117 | 85084 | 18.977 | ng/ul | 100 |
| 22) Nitrobenzene | 9.016 | 77 | 220582 | 19.152 | ng/ul | 100 |
| 23) Isophorone | 9.546 | 82 | 388599 | 18.710 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.728 | 139 | 105199 | 19.338 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.793 | 107 | 193263 | 20.180 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 10.028 | 93 | 263578 | 19.201 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.258 | 162 | 193484 | 19.245 | ng/ul | 100 |
| 30) Naphthalene | 10.658 | 128 | 632952 | 19.250 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.781 | 127 | 238451 | 19.637 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.940 | 225 | 149553 | 19.328 | ng/ul | 100 |
| 34) Caprolactam | 11.569 | 113 | 47383m | 18.008 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.910 | 107 | 188308 | 19.080 | ng/ul | 100 |

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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 | 12.275 | 142 | 424643 | 19.155 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.493 | 142 | 430217 | 19.244 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.640 | 216 | 268572 | 19.399 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.616 | 237 | 146614 | 19.079 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.887 | 196 | 157506 | 19.064 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.957 | 196 | 169156 | 19.287 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.287 | 154 | 557015 | 18.996 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.328 | 162 | 448941 | 19.080 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.546 | 65 | 105876 | 18.744 | ng/ul | 100 |
| 47) Dimethylphthalate | 13.922 | 163 | 566787 | 19.339 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.046 | 165 | 101512 | 18.849 | ng/ul | 100 |
| 50) Acenaphthylene | 14.175 | 152 | 703135 | 19.398 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.369 | 138 | 100261 | 19.043 | ng/ul | 100 |
| 52) Acenaphthene | 14.522 | 153 | 469096 | 19.095 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.581 | 184 | 57150 | 16.471 | ng/ul | 100 |
| 55) 4-Nitrophenol | 14.687 | 109 | 78393 | 19.564 | ng/ul | 100 |
| 56) Dibenzofuran | 14.857 | 168 | 675765 | 19.262 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.834 | 165 | 154732 | 19.535 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.087 | 232 | 144304 | 18.832 | ng/ul | 100 |
| 59) Diethylphthalate | 15.287 | 149 | 551263 | 19.399 | ng/ul | 100 |
| 61) Fluorene | 15.504 | 166 | 545698 | 19.434 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.504 | 204 | 297366 | 19.392 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.540 | 138 | 104000 | 20.165 | ng/ul | 100 |
| 66) 4,6-Dinitro-2-methylph... | 15.593 | 198 | 101475 | 18.735 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.722 | 169 | 462334 | 19.413 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.404 | 248 | 188502 | 19.436 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.510 | 284 | 227488 | 19.193 | ng/ul | 100 |
| 70) Atrazine | 16.681 | 200 | 105523 | 15.701 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.863 | 266 | 127234 | 18.284 | ng/ul | 100 |
| 72) Phenanthrene | 17.257 | 178 | 912281 | 19.292 | ng/ul | 100 |
| 74) Anthracene | 17.345 | 178 | 913023 | 19.394 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.251 | 216 | 258055 | 19.020 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.775 | 250 | 259821 | 19.272 | ng/uL | 100 |
| 77) Carbazole | 17.622 | 167 | 814061 | 20.788 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.181 | 149 | 957235 | 19.710 | ng/ul | 100 |
| 80) Fluoranthene | 19.234 | 202 | 1157254 | 18.519 | ng/ul | 100 |
| 82) Pyrene | 19.586 | 202 | 1230690 | 18.797 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.469 | 149 | 447079 | 19.117 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.239 | 252 | 442864 | 19.812 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.304 | 228 | 1347576 | 19.088 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.233 | 149 | 678568 | 19.705 | ng/ul | 100 |
| 87) Chrysene | 21.357 | 228 | 1260775 | 19.151 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.151 | 149 | 1194644 | 19.624 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.969 | 252 | 1438311 | 19.235 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.016 | 252 | 1368632 | 18.626 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.586 | 252 | 1334988 | 18.968 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.151 | 276 | 1694838 | 18.785 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.168 | 278 | 1412707 | 18.822 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 26.904 | 276 | 1360887 | 18.822 | ng/ul | 100 |

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

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