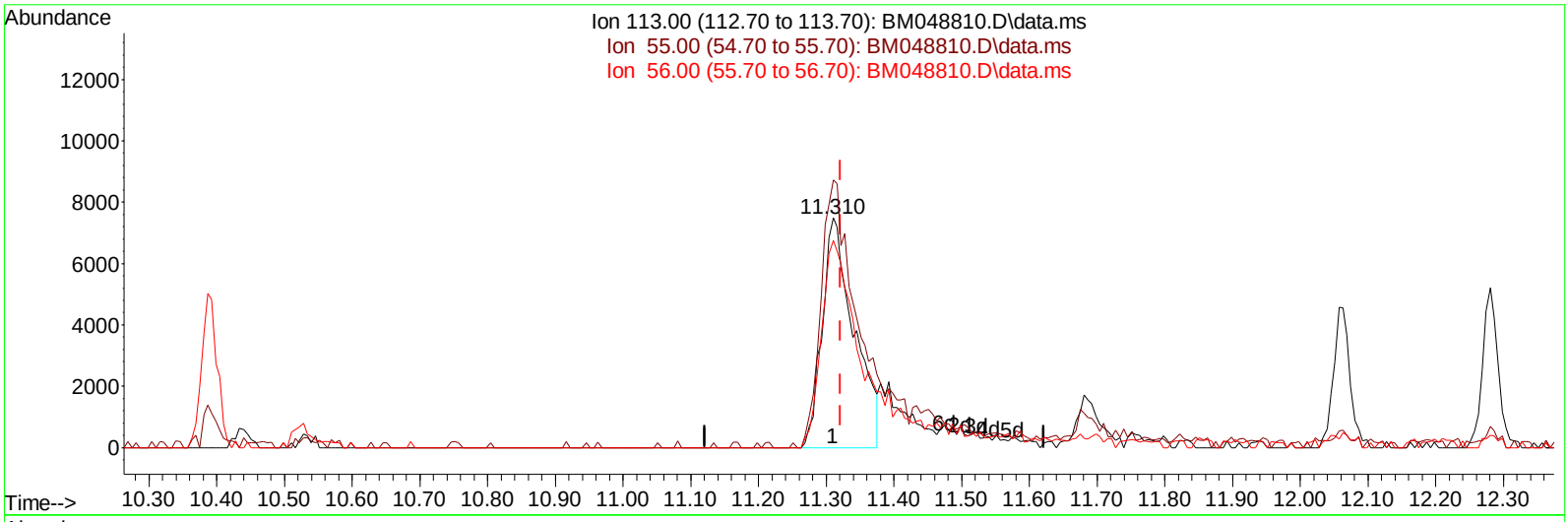
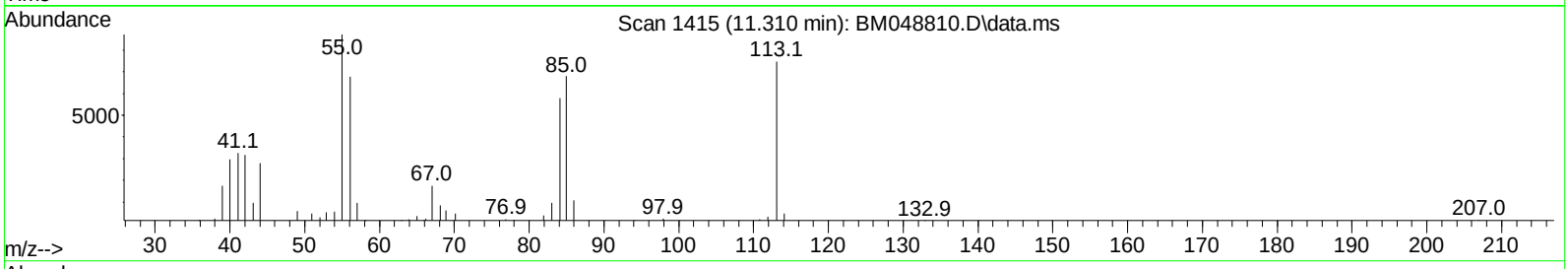
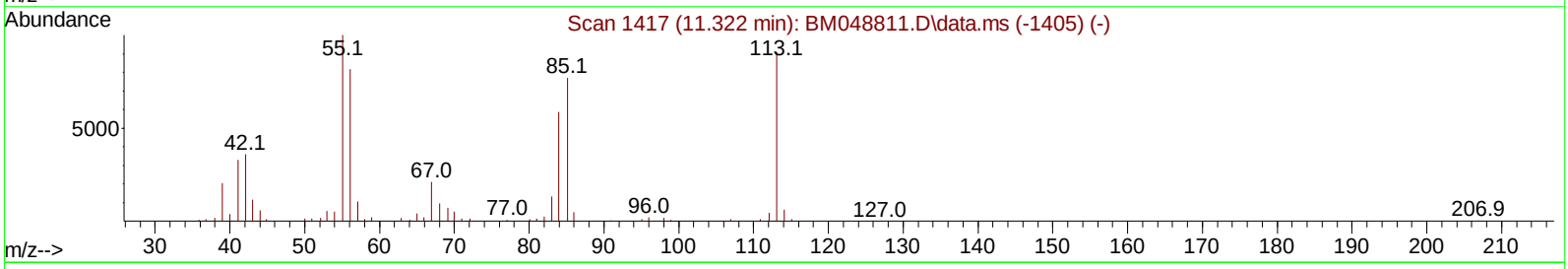
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112224\
Data File : BM048810.D
Acq On : 22 Nov 2024 10:58
Operator : RC/JU
Sample : SSTD01061
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 14:29:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 22 14:18:42 2024
Response via : Initial Calibration




TIC: BM048810.D\data.ms

**(34) Caprolactam**

**11.310min (-0.012) 6.29 ng/ul**

**response 24530**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 109.90 | 116.51 |
| 56.00 | 89.90 | 90.34 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 14:29:06 2024
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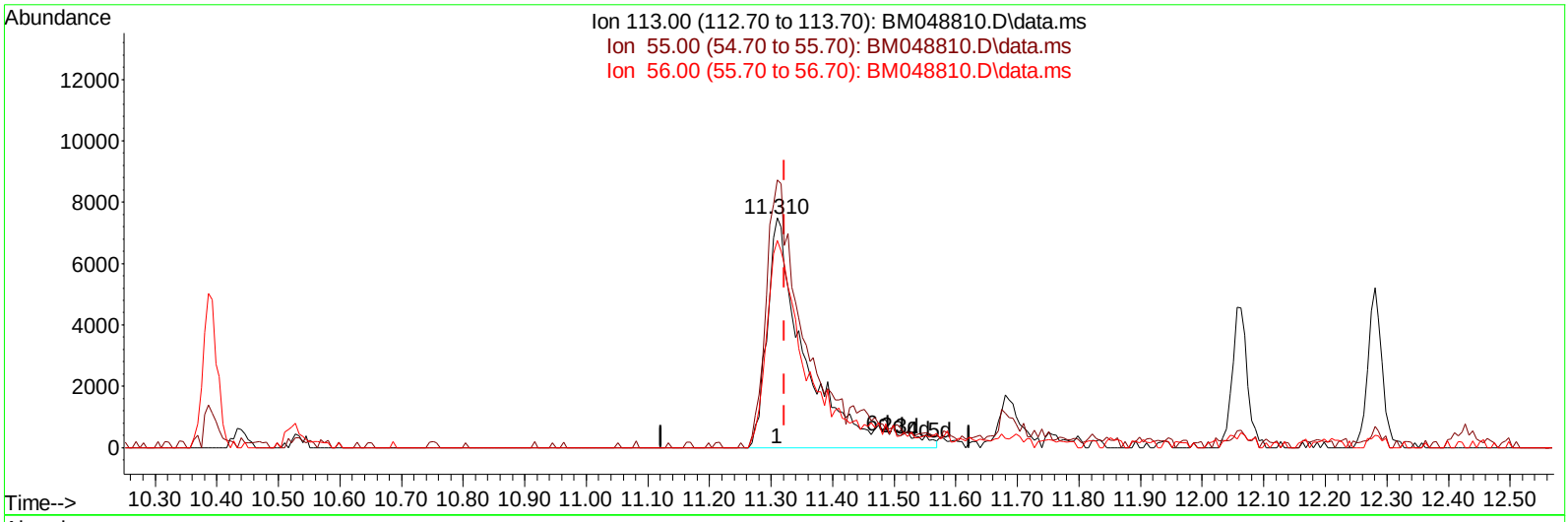
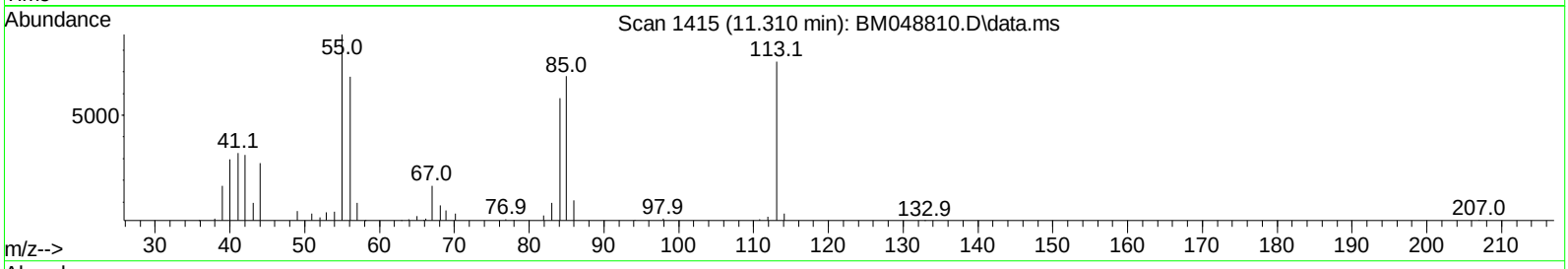
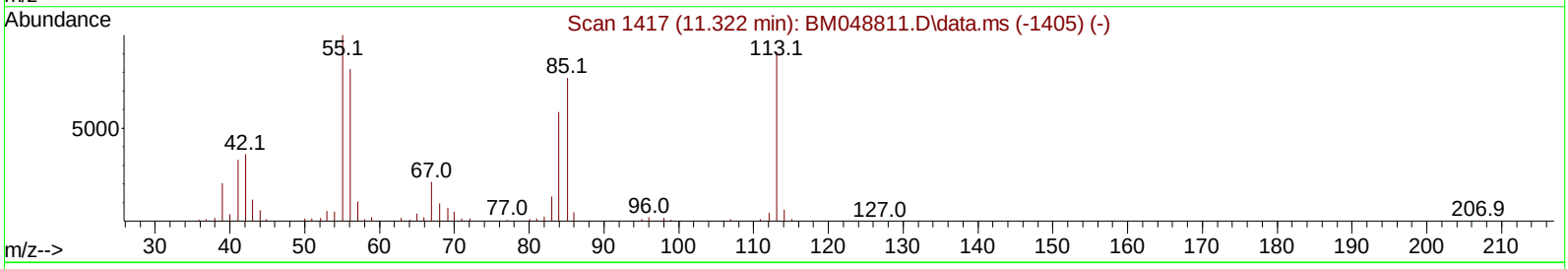
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 22 14:18:42 2024
Response via : Initial Calibration




TIC: BM048810.D\data.ms

**(34) Caprolactam**

**11.310min (-0.012) 8.50 ng/ul m**

**response 33133**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 109.90 | 116.51 |
| 56.00 | 89.90 | 90.34 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112224\
Data File : BM048810.D
Acq On : 22 Nov 2024 10:58
Operator : RC/JU
Sample : SSTD01061
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 14:29:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 22 14:18:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.622 | 152 | 227092 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.392 | 136 | 979663 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.257 | 164 | 566716 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.004 | 188 | 1085166 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.245 | 240 | 934907 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.103 | 264 | 993785 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.187 | 96 | 24289 | 4.128 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.575 | 84 | 159555 | 9.468 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.793 | 99 | 154509 | 8.540 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.963 | 67 | 120308 | 9.726 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.157 | 132 | 123660 | 8.904 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.322 | 113 | 116844 | 8.683 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.763 | 128 | 58226 | 8.871 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.481 | 143 | 28428 | 5.990 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.016 | 165 | 98378 | 8.150 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.528 | 131 | 183282 | 9.706 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.680 | 166 | 345102 | 9.503 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.945 | 160 | 431313 | 9.549 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.457 | 143 | 30947 | 5.859 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.257 | 176 | 299919 | 9.669 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.368 | 200 | 12097 | 7.218 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.104 | 188 | 449566 | 9.631 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.404 | 212 | 459910 | 9.044 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.909 | 264 | 407265 | 8.873 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.222 | 88 | 26619 | 4.233 | ng/uL | 97 |
| 5) Pyridine | 3.593 | 79 | 176535 | 10.166 | ng/ul | 96 |
| 6) Benzaldehyde | 6.769 | 77 | 127350 | 12.829 | ng/ul | 98 |
| 8) Phenol | 6.822 | 94 | 171582 | 8.908 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.057 | 93 | 153593 | 9.439 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.187 | 128 | 137501 | 9.409 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.063 | 108 | 123994 | 8.841 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.145 | 45 | 104044 | 9.609 | ng/ul | 100 |
| 16) Acetophenone | 8.434 | 105 | 229224 | 9.829 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.422 | 70 | 119209 | 9.843 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.387 | 108 | 128741 | 8.612 | ng/ul | 97 |
| 19) Hexachloroethane | 8.692 | 117 | 62873 | 9.417 | ng/ul | 95 |
| 22) Nitrobenzene | 8.804 | 77 | 165400 | 9.337 | ng/ul | 97 |
| 23) Isophorone | 9.328 | 82 | 309918 | 9.277 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.510 | 139 | 39084 | 6.611 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.581 | 107 | 143860 | 9.529 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.822 | 93 | 190184 | 9.547 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.039 | 162 | 107932 | 8.910 | ng/ul | 94 |
| 30) Naphthalene | 10.439 | 128 | 485955 | 9.930 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.551 | 127 | 180766 | 9.883 | ng/ul | 96 |
| 33) Hexachlorobutadiene | 10.739 | 225 | 78409 | 9.170 | ng/ul | 92 |
| 34) Caprolactam | 11.310 | 113 | 33133m | 8.500 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.680 | 107 | 113027 | 8.852 | ng/ul | 96 |

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Operator : RC/JU
Sample : SSTD01061
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 14:29:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 22 14:18:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.063 | 142 | 307733 | 9.823 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.280 | 142 | 313575 | 9.827 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.433 | 216 | 145779 | 9.042 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.422 | 237 | 50497 | 6.197 | ng/ul | 93 |
| 41) 2,4,6-Trichlorophenol | 12.680 | 196 | 61248 | 7.372 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 12.745 | 196 | 73868 | 8.133 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.086 | 154 | 387153 | 9.468 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.122 | 162 | 300846 | 9.511 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.327 | 65 | 55201 | 7.605 | ng/ul | 90 |
| 47) Dimethylphthalate | 13.727 | 163 | 345408 | 9.496 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.833 | 165 | 44027 | 7.532 | ng/ul | 97 |
| 50) Acenaphthylene | 13.974 | 152 | 481068 | 9.799 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.163 | 138 | 50342 | 7.647 | ng/ul# | 96 |
| 52) Acenaphthene | 14.321 | 153 | 340049 | 9.814 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.369 | 184 | 4156 | 3.016 | ng/ul# | 71 |
| 55) 4-Nitrophenol | 14.474 | 109 | 30927 | 6.715 | ng/ul | 86 |
| 56) Dibenzofuran | 14.657 | 168 | 445298 | 9.864 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.621 | 165 | 61246 | 7.716 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.886 | 232 | 51921 | 7.474 | ng/ul | 96 |
| 59) Diethylphthalate | 15.104 | 149 | 354065 | 9.513 | ng/ul | 99 |
| 61) Fluorene | 15.310 | 166 | 367051 | 9.872 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.316 | 204 | 170526 | 9.614 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.321 | 138 | 57973 | 9.460 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.380 | 198 | 13904 | 4.220 | ng/ul# | 81 |
| 67) N-Nitrosodiphenylamine | 15.527 | 169 | 294047 | 9.456 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.210 | 248 | 95736 | 8.999 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.310 | 284 | 115657 | 9.438 | ng/ul | 96 |
| 70) Atrazine | 16.492 | 200 | 82186 | 8.077 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.663 | 266 | 30978 | 4.468 | ng/ul | 94 |
| 72) Phenanthrene | 17.045 | 178 | 548831 | 9.754 | ng/ul | 99 |
| 74) Anthracene | 17.139 | 178 | 551963 | 9.714 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.045 | 216 | 142079 | 8.796 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.574 | 250 | 141467 | 9.139 | ng/uL | 98 |
| 77) Carbazole | 17.410 | 167 | 484509 | 9.528 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.009 | 149 | 485922 | 8.046 | ng/ul | 99 |
| 80) Fluoranthene | 19.074 | 202 | 551248 | 9.043 | ng/ul | 99 |
| 82) Pyrene | 19.433 | 202 | 618779 | 9.417 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.374 | 149 | 105951 | 5.609 | ng/ul | 90 |
| 84) 3,3'-Dichlorobenzidine | 21.168 | 252 | 107369 | 6.947 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.227 | 228 | 548355 | 9.291 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.209 | 149 | 210626 | 6.479 | ng/ul | 100 |
| 87) Chrysene | 21.286 | 228 | 542738 | 9.723 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.315 | 149 | 267489 | 4.761 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.209 | 252 | 484004 | 8.970 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.268 | 252 | 531455 | 9.312 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.968 | 252 | 474977 | 9.168 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.291 | 276 | 557864 | 9.004 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.356 | 278 | 445473 | 8.906 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 28.274 | 276 | 440715 | 9.148 | ng/ul | 99 |

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

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