Quantitation Report (Qedit)

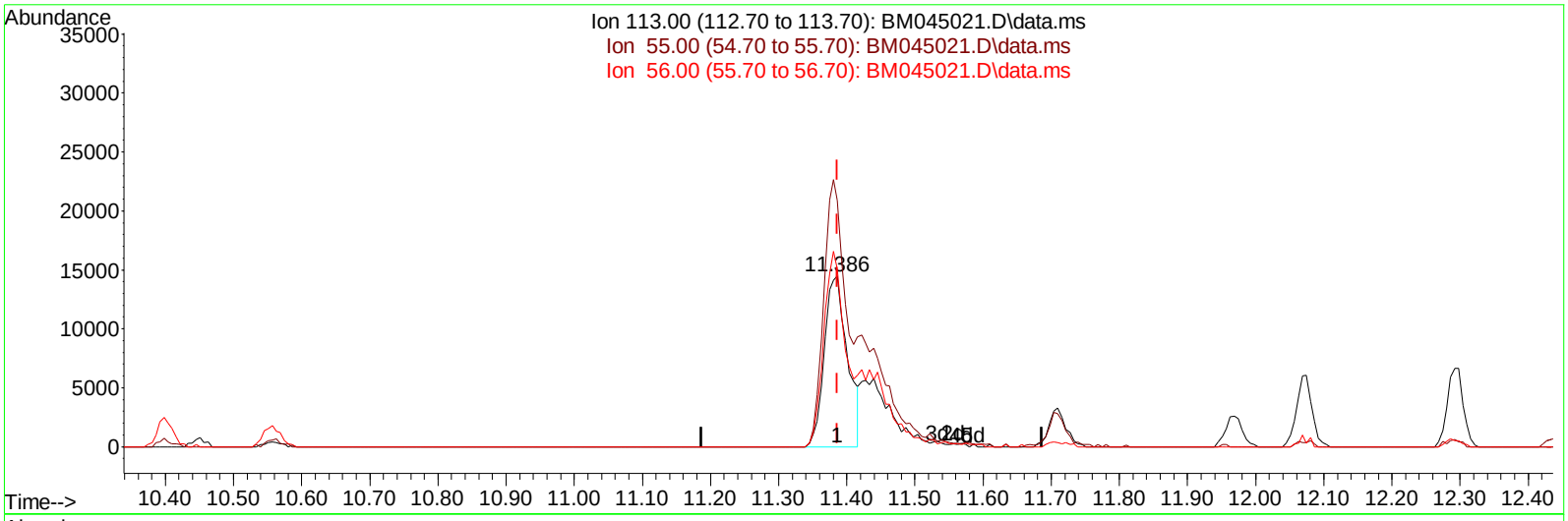
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045021.D
Acq On : 07 Apr 2024 23:19
Operator : MA/JU
Sample : PB160068BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

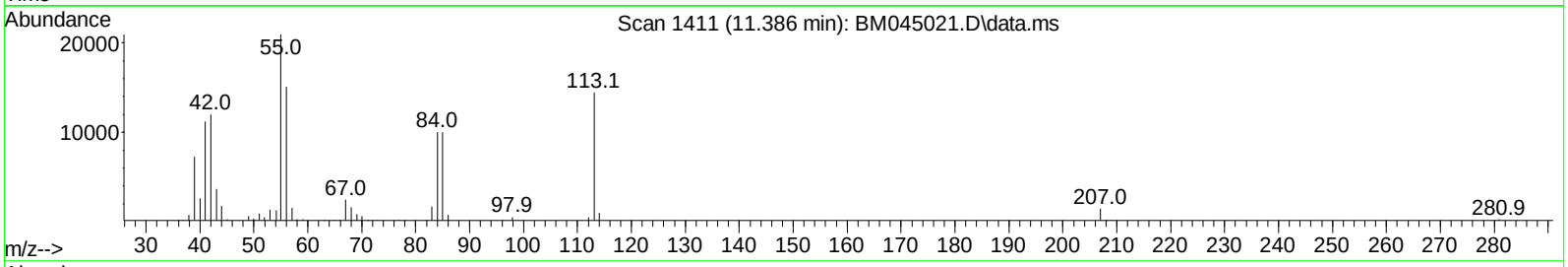
Quant Time: Apr 08 04:15:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 01:45:36 2024
Response via : Initial Calibration

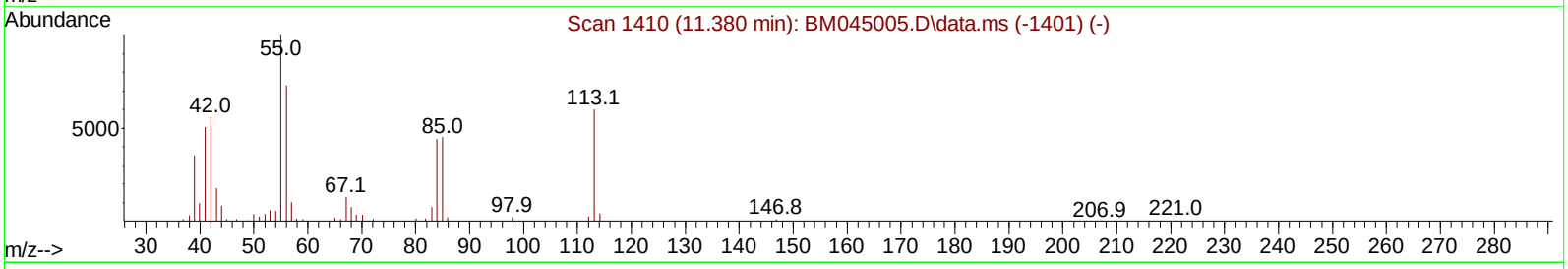
**Instrument :**
BNA_M
**ClientSampleId :**
SLCS068

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024




TIC: BM045021.D\data.ms

**(34) Caprolactam**

**11.386min (-0.000) 20.26 ng/ul**

**response 34160**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 156.70 | 144.52 |
| 56.00 | 114.80 | 104.26 |
| 0.00 | 0.00 | 0.00 |

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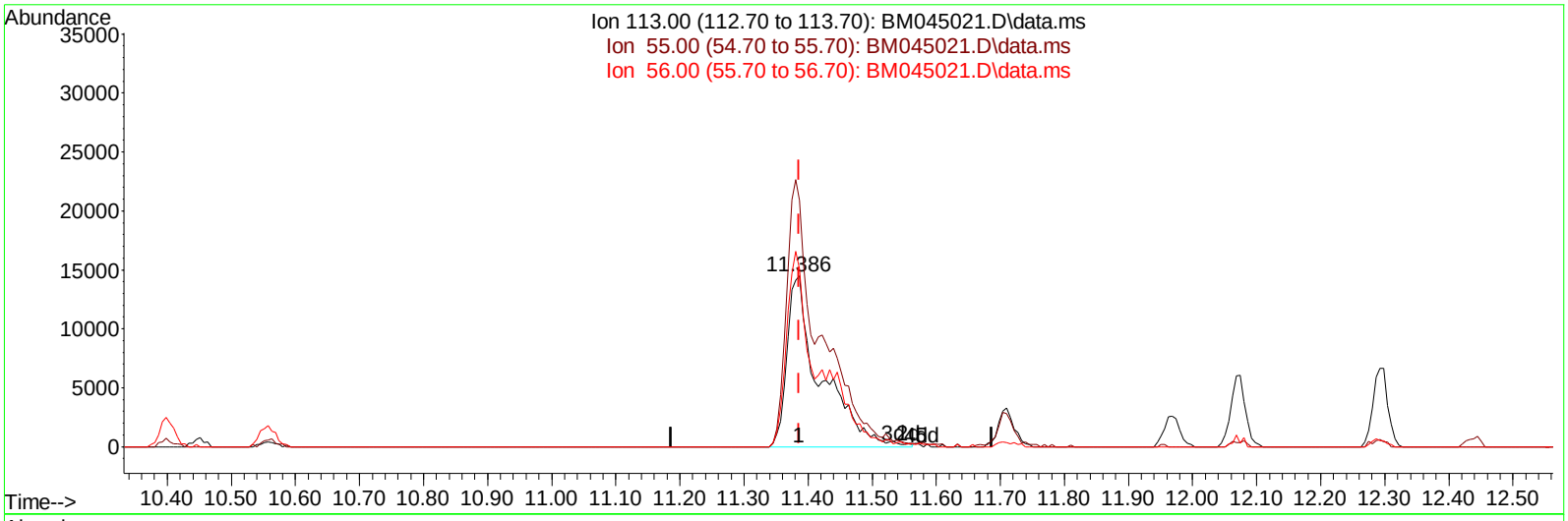


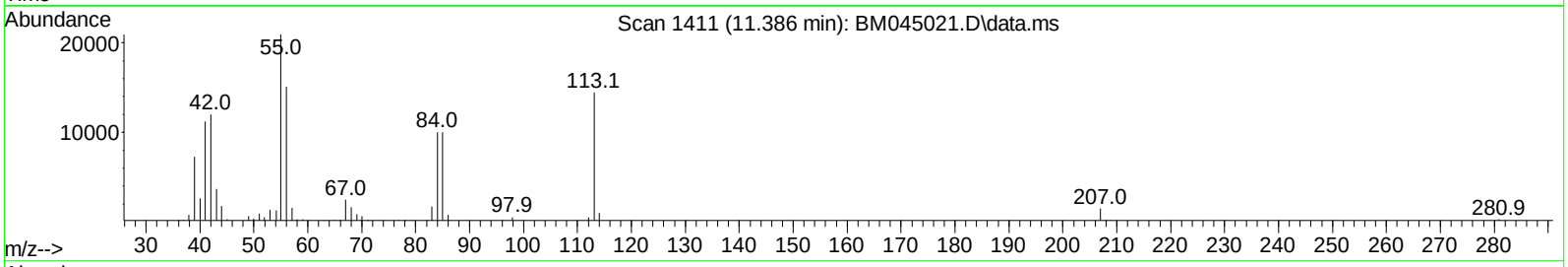


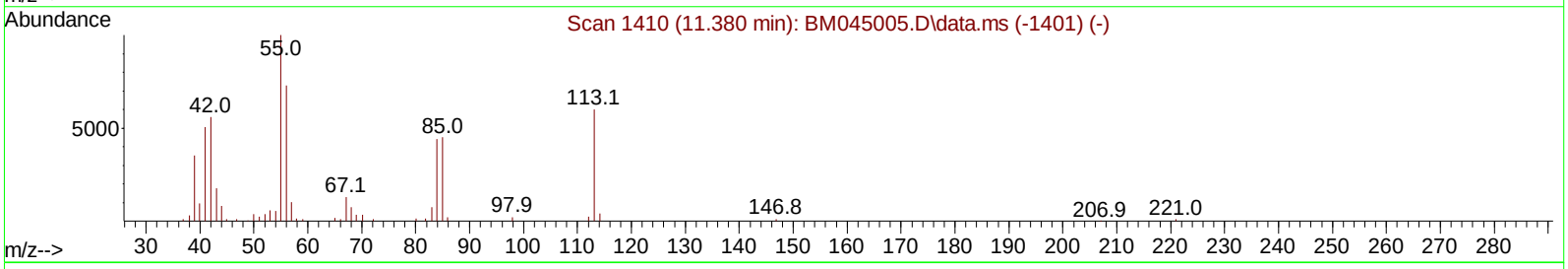


TIC: BM045021.D\data.ms

**(34) Caprolactam**

**11.386min (-0.000) 31.14 ng/ul m**

**response 52500**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 156.70 | 144.52 |
| 56.00 | 114.80 | 104.26 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Acq On : 07 Apr 2024 23:19
Operator : MA/JU
Sample : PB160068BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 08 04:15:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 01:45:36 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS068

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.628 | 152 | 81054 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.404 | 136 | 332530 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.274 | 164 | 209295 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.033 | 188 | 442753 | 20.000 | ng/ul | -0.01 |
| 79) Chrysene-d12 | 21.239 | 240 | 425262 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 23.462 | 264 | 495446 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.204 | 96 | 14966 | 6.895 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.604 | 84 | 173463 | 29.387 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.810 | 99 | 216214 | 31.466 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.981 | 67 | 124605 | 30.437 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.163 | 132 | 179353 | 33.316 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.339 | 113 | 170870 | 31.769 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.792 | 128 | 85202 | 33.357 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.498 | 143 | 96055 | 35.629 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.027 | 165 | 176170 | 35.640 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 227089 | 28.856 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.704 | 166 | 477222 | 32.748 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.968 | 160 | 587604 | 34.132 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.510 | 143 | 91390 | 30.050 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.274 | 176 | 432732 | 33.308 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.421 | 200 | 76425 | 29.112 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.133 | 188 | 667757 | 33.526 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.439 | 212 | 787825 | 37.623 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.321 | 264 | 845523 | 34.983 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.240 | 88 | 21789 | 9.612 | ng/uL | 88 |
| 5) Pyridine | 3.622 | 79 | 179535 | 28.706 | ng/ul | 98 |
| 6) Benzaldehyde | 6.792 | 77 | 118278 | 37.132 | ng/ul | 98 |
| 8) Phenol | 6.839 | 94 | 221966 | 31.194 | ng/ul | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.075 | 93 | 166258 | 29.938 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.192 | 128 | 183118 | 32.417 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.075 | 108 | 160962 | 30.646 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.145 | 45 | 199911 | 30.182 | ng/ul | 100 |
| 16) Acetophenone | 8.457 | 105 | 261139 | 29.864 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.439 | 70 | 130222 | 31.540 | ng/ul# | 98 |
| 18) 4-Methylphenol | 8.398 | 108 | 177380 | 31.333 | ng/ul | 99 |
| 19) Hexachloroethane | 8.681 | 117 | 76819 | 30.919 | ng/ul | 94 |
| 22) Nitrobenzene | 8.833 | 77 | 201335 | 32.128 | ng/ul | 100 |
| 23) Isophorone | 9.351 | 82 | 355273 | 30.856 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.533 | 139 | 102428 | 34.230 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.592 | 107 | 151571 | 26.273 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.839 | 93 | 221162 | 32.401 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.057 | 162 | 175074 | 35.057 | ng/ul | 98 |
| 30) Naphthalene | 10.451 | 128 | 560535 | 31.843 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.580 | 127 | 215726 | 28.171 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.716 | 225 | 100281 | 32.296 | ng/ul | 97 |
| 34) Caprolactam | 11.386 | 113 | 52500m | 31.139 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.710 | 107 | 171299 | 34.505 | ng/ul | 99 |

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BNA_M
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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.074 | 142 | 378174 | 32.903 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.292 | 142 | 383458 | 32.968 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.439 | 216 | 193729 | 33.846 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.404 | 237 | 76815 | 22.169 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.698 | 196 | 133086 | 35.643 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 12.774 | 196 | 146025 | 35.494 | ng/ul | 95 |
| 43) 1,1'-Biphenyl | 13.104 | 154 | 485089 | 32.822 | ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.139 | 162 | 392288 | 32.671 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.368 | 65 | 111806 | 33.732 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.751 | 163 | 474638 | 31.161 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.880 | 165 | 97535 | 32.670 | ng/ul | 93 |
| 50) Acenaphthylene | 13.998 | 152 | 640852 | 31.872 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.210 | 138 | 101718 | 31.235 | ng/ul | 94 |
| 52) Acenaphthene | 14.339 | 153 | 427384 | 31.854 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.421 | 184 | 47064 | 26.516 | ng/ul | 89 |
| 55) 4-Nitrophenol | 14.521 | 109 | 78247 | 29.254 | ng/ul | 89 |
| 56) Dibenzofuran | 14.680 | 168 | 593097 | 32.304 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.674 | 165 | 147927 | 33.102 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.910 | 232 | 121547 | 34.520 | ng/ul | 96 |
| 59) Diethylphthalate | 15.121 | 149 | 485820 | 31.264 | ng/ul | 99 |
| 61) Fluorene | 15.333 | 166 | 488498 | 31.568 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.333 | 204 | 229560 | 31.650 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.380 | 138 | 96167 | 32.481 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylph... | 15.433 | 198 | 80845 | 28.756 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.551 | 169 | 403508 | 33.784 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.233 | 248 | 142254 | 32.989 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.327 | 284 | 181754 | 32.403 | ng/ul | 96 |
| 70) Atrazine | 16.521 | 200 | 139034 | 31.646 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.686 | 266 | 109190 | 32.046 | ng/ul | 97 |
| 72) Phenanthrene | 17.080 | 178 | 759247 | 31.866 | ng/ul | 98 |
| 74) Anthracene | 17.168 | 178 | 761919 | 31.261 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.057 | 216 | 192470 | 34.490 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.592 | 250 | 199088 | 33.531 | ng/uL | 97 |
| 77) Carbazole | 17.451 | 167 | 721618 | 30.706 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.021 | 149 | 881630 | 33.265 | ng/ul | 100 |
| 80) Fluoranthene | 19.103 | 202 | 893740 | 36.187 | ng/ul | 99 |
| 82) Pyrene | 19.468 | 202 | 964983 | 36.207 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.392 | 149 | 415500 | 37.210 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.168 | 252 | 287652 | 30.421 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.227 | 228 | 945347 | 32.762 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.174 | 149 | 631515 | 36.181 | ng/ul | 100 |
| 87) Chrysene | 21.280 | 228 | 890842 | 33.118 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.050 | 149 | 1073024 | 34.422 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.797 | 252 | 994160 | 34.428 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.844 | 252 | 958781 | 32.988 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.368 | 252 | 837732 | 29.809 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 25.697 | 276 | 1212714 | 33.312 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.709 | 278 | 991225 | 32.567 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.373 | 276 | 914179 | 31.832 | ng/ul | 99 |

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

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