Quantitation Report (Qedit)

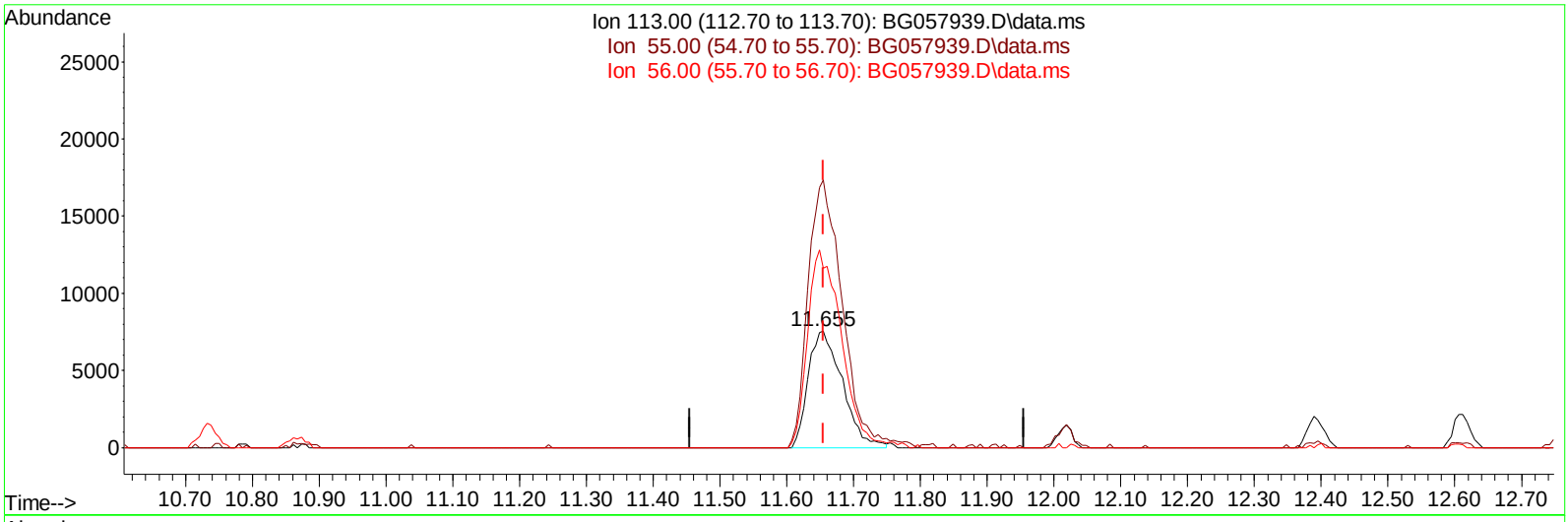
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070123\
Data File : BG057939.D
Acq On : 1 Jul 2023 12:33
Operator : CG/JU
Sample : SSTD02088
Misc :
ALS Vial : 4 Sample Multiplier: 1

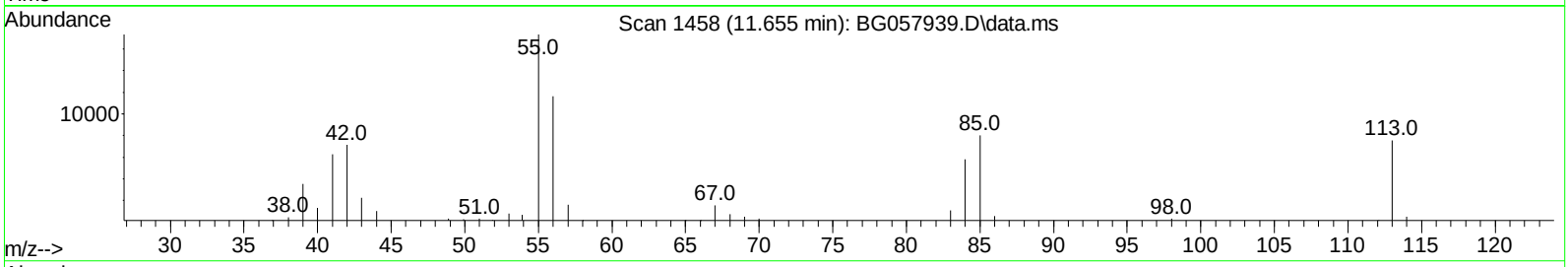
Quant Time: Jul 02 07:10:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:09:00 2023
Response via : Initial Calibration

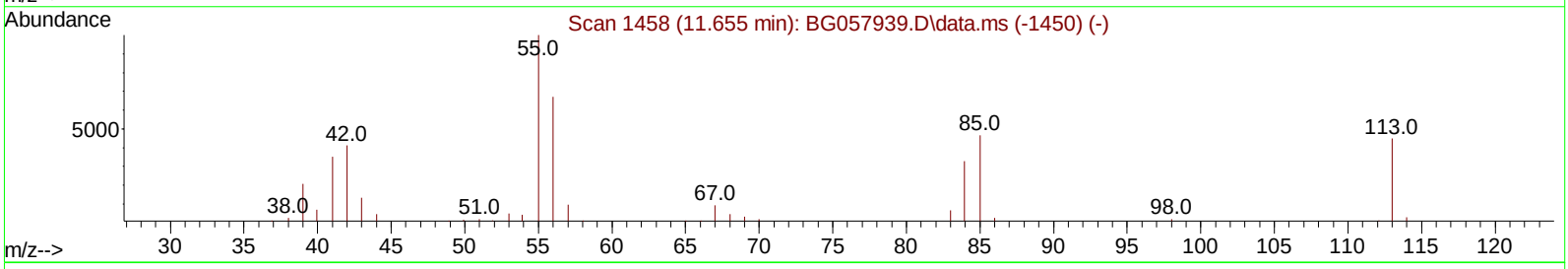
**Instrument :**
BNA_G
**ClientSampleId :**
SSTD020437

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023




TIC: BG057939.D\data.ms

**(34) Caprolactam**

**11.655min ( 0.000) 23.84 ng/ul**

**response 26822**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 229.30 | 229.33 |
| 56.00 | 153.80 | 153.76 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
SSTD020437

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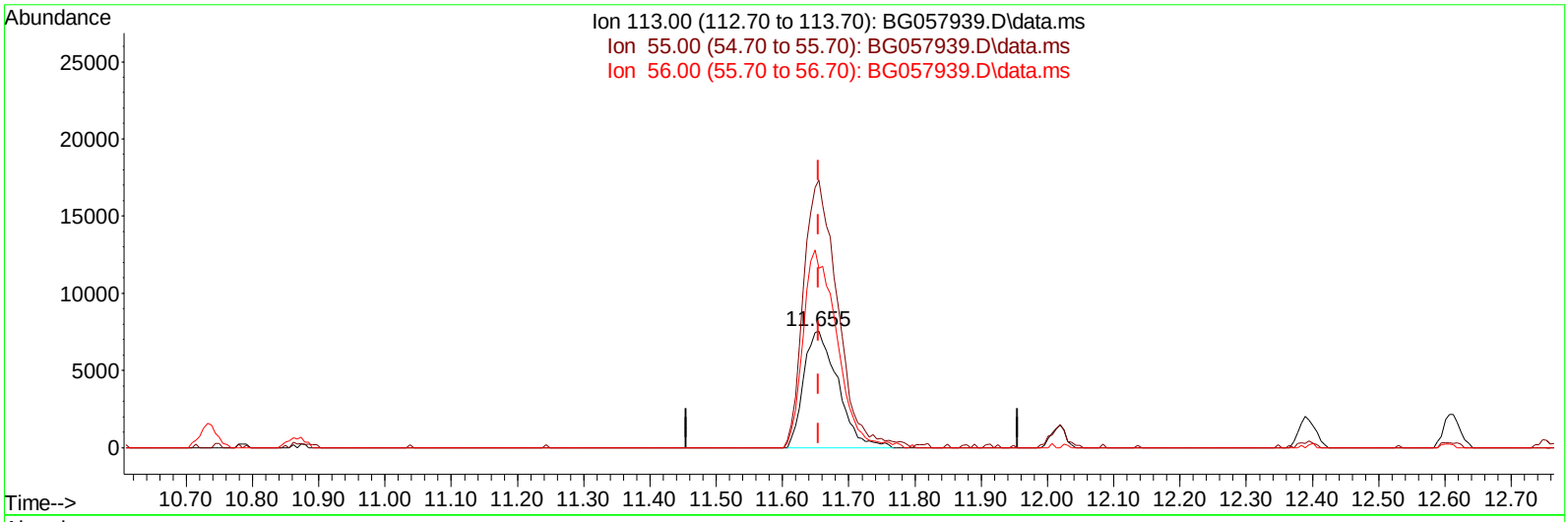


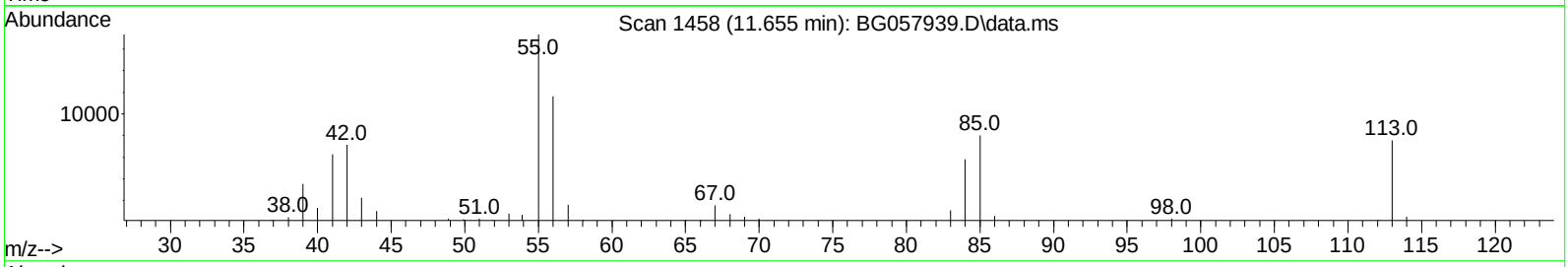


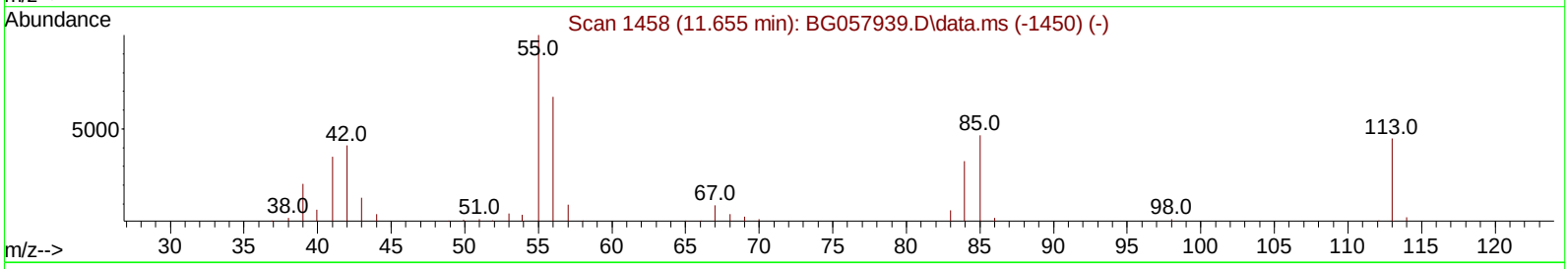


TIC: BG057939.D\data.ms

**(34) Caprolactam**

**11.655min ( 0.000) 23.99 ng/ul m**

**response 26992**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 229.30 | 229.33 |
| 56.00 | 153.80 | 153.76 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Acq On : 1 Jul 2023 12:33
Operator : CG/JU
Sample : SSTD02088
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 02 07:36:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:09:00 2023
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD020437

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.930 | 152 | 38424 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.732 | 136 | 176133 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.563 | 164 | 125840 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.307 | 188 | 311625 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.561 | 240 | 264290 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.716 | 264 | 316907 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.364 | 96 | 9754 | 8.889 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.776 | 84 | 74428 | 22.342 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.089 | 99 | 87430 | 22.281 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.260 | 67 | 52959 | 22.395 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.465 | 132 | 61325 | 22.659 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.635 | 113 | 66581 | 22.487 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.093 | 128 | 33074 | 23.039 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.816 | 143 | 35087 | 23.256 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.356 | 165 | 66012 | 22.807 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.867 | 131 | 103643 | 23.618 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.970 | 166 | 228979 | 23.062 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.257 | 160 | 246542 | 22.755 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.763 | 143 | 40298 | 22.972 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.556 | 176 | 194722 | 23.092 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.668 | 200 | 36245 | 21.420 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.407 | 188 | 330069 | 22.826 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.692 | 212 | 381325 | 22.909 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.498 | 264 | 360346 | 22.318 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 12535 | 9.247 | ng/uL | 100 |
| 5) Pyridine | 3.793 | 79 | 77492 | 22.703 | ng/ul | 100 |
| 6) Benzaldehyde | 7.072 | 77 | 17068 | 13.024 | ng/ul | 100 |
| 8) Phenol | 7.119 | 94 | 90441 | 22.712 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.348 | 93 | 70541 | 22.943 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.495 | 128 | 62799 | 22.298 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.370 | 108 | 70515 | 22.548 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.458 | 45 | 106816 | 22.569 | ng/ul | 100 |
| 16) Acetophenone | 8.752 | 105 | 114616 | 23.332 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.729 | 70 | 60496 | 23.036 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.699 | 108 | 76904 | 22.742 | ng/ul | 100 |
| 19) Hexachloroethane | 9.011 | 117 | 24326 | 22.531 | ng/ul | 100 |
| 22) Nitrobenzene | 9.134 | 77 | 85157 | 22.851 | ng/ul | 100 |
| 23) Isophorone | 9.651 | 82 | 182004 | 22.888 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.845 | 139 | 37392 | 23.096 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.904 | 107 | 84107 | 23.103 | ng/ul | 100 |
| 27) Bis(2-Chloroethoxy)met... | 10.139 | 93 | 102050 | 22.774 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.380 | 162 | 65230 | 23.180 | ng/ul | 100 |
| 30) Naphthalene | 10.785 | 128 | 225396 | 22.771 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.891 | 127 | 105642 | 23.544 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.067 | 225 | 44463 | 22.318 | ng/ul | 100 |
| 34) Caprolactam | 11.655 | 113 | 26992m | 23.992 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.013 | 107 | 79805 | 23.086 | ng/ul | 100 |

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

Reviewed By :Yogesh Patel 07/02/2023
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.389 | 142 | 154898 | 23.215 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.612 | 142 | 154517 | 23.093 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.759 | 216 | 86545 | 22.568 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.736 | 237 | 52617 | 21.783 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 13.000 | 196 | 59858 | 23.030 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 13.071 | 196 | 65225 | 23.204 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.400 | 154 | 206412 | 22.761 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.441 | 162 | 164054 | 22.540 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.640 | 65 | 58355 | 23.061 | ng/ul | 100 |
| 47) Dimethylphthalate | 14.017 | 163 | 229989 | 23.056 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.140 | 165 | 47474 | 23.186 | ng/ul | 100 |
| 50) Acenaphthylene | 14.287 | 152 | 269388 | 23.024 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.463 | 138 | 33295 | 19.242 | ng/ul | 100 |
| 52) Acenaphthene | 14.628 | 153 | 184838 | 23.022 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.675 | 184 | 22566 | 21.140 | ng/ul | 100 |
| 55) 4-Nitrophenol | 14.774 | 109 | 29131 | 22.417 | ng/ul | 100 |
| 56) Dibenzofuran | 14.962 | 168 | 263926 | 23.125 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.921 | 165 | 67997 | 23.439 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.186 | 232 | 59463 | 23.238 | ng/ul | 100 |
| 59) Diethylphthalate | 15.380 | 149 | 238500 | 22.907 | ng/ul | 100 |
| 61) Fluorene | 15.609 | 166 | 216906 | 23.163 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.603 | 204 | 114224 | 23.053 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.626 | 138 | 28472 | 18.480 | ng/ul | 100 |
| 66) 4,6-Dinitro-2-methylph... | 15.685 | 198 | 38172 | 22.059 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.814 | 169 | 189096 | 22.801 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.496 | 248 | 77615 | 22.690 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.613 | 284 | 87481 | 22.842 | ng/ul | 100 |
| 70) Atrazine | 16.760 | 200 | 78200 | 23.058 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.954 | 266 | 49694 | 21.613 | ng/ul | 100 |
| 72) Phenanthrene | 17.348 | 178 | 363061 | 22.904 | ng/ul | 100 |
| 74) Anthracene | 17.442 | 178 | 367973 | 22.940 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.364 | 216 | 91675 | 22.182 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.880 | 250 | 98956 | 22.419 | ng/uL | 100 |
| 77) Carbazole | 17.712 | 167 | 342954 | 23.640 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.265 | 149 | 426545 | 23.081 | ng/ul | 100 |
| 80) Fluoranthene | 19.357 | 202 | 445958 | 23.122 | ng/ul | 100 |
| 82) Pyrene | 19.722 | 202 | 450595 | 23.209 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.609 | 149 | 178878 | 22.721 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.461 | 252 | 149846 | 23.420 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.543 | 228 | 427857 | 22.547 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.449 | 149 | 258890 | 22.947 | ng/ul | 100 |
| 87) Chrysene | 21.608 | 228 | 403702 | 22.694 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.636 | 149 | 453320 | 23.281 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.711 | 252 | 447936 | 22.828 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.776 | 252 | 426356 | 22.168 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.569 | 252 | 389396 | 22.421 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 28.306 | 276 | 515978 | 22.373 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 28.370 | 278 | 425877 | 22.394 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 29.428 | 276 | 416378 | 22.104 | ng/ul | 100 |

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

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