Quantitation Report (Qedit)

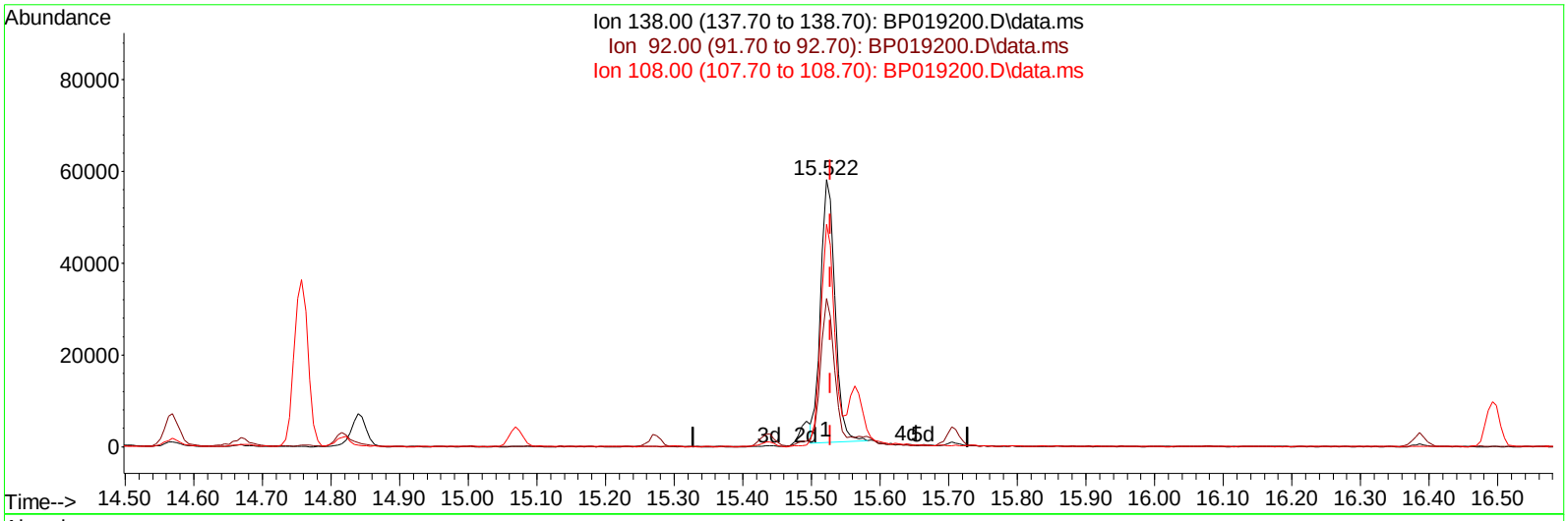
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019200.D
Acq On : 02 Jan 2024 10:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

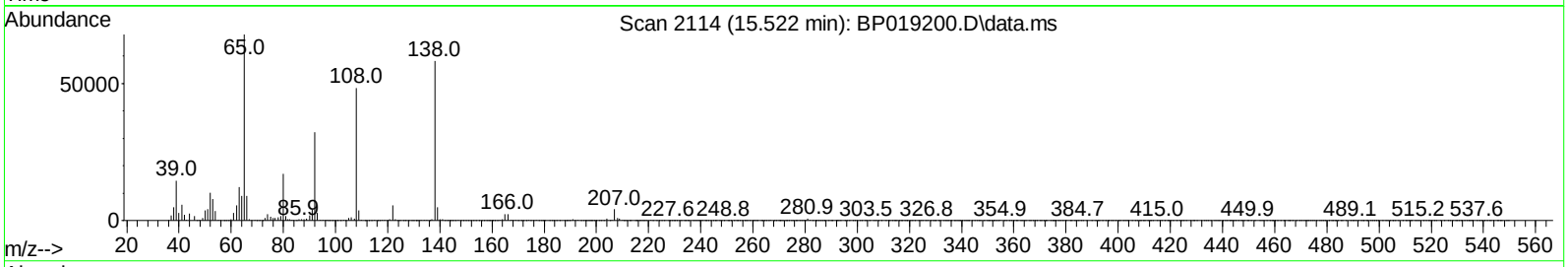
Quant Time: Jan 02 11:14:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

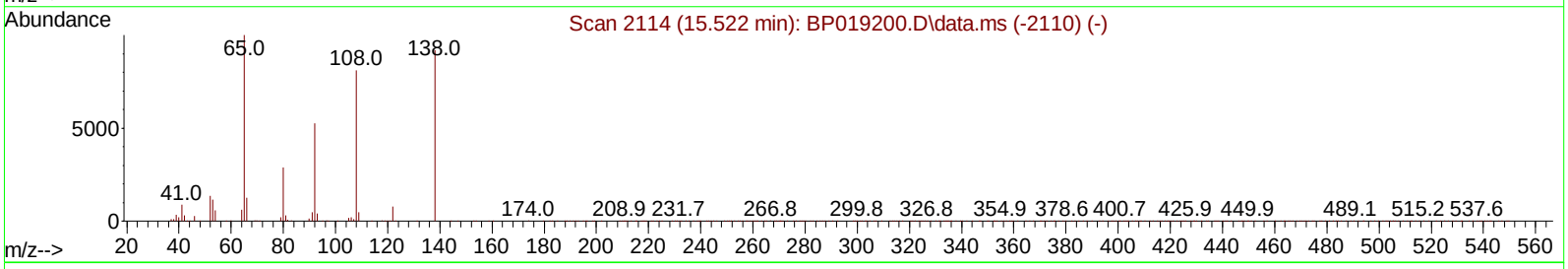
**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024




TIC: BP019200.D\data.ms

**(63) 4-Nitroaniline**

**15.522min (-0.006) 16.18 ng/ul**

**response 83233**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 52.80 | 55.58 |
| 108.00 | 82.80 | 83.28 |
| 0.00 | 0.00 | 0.00 |

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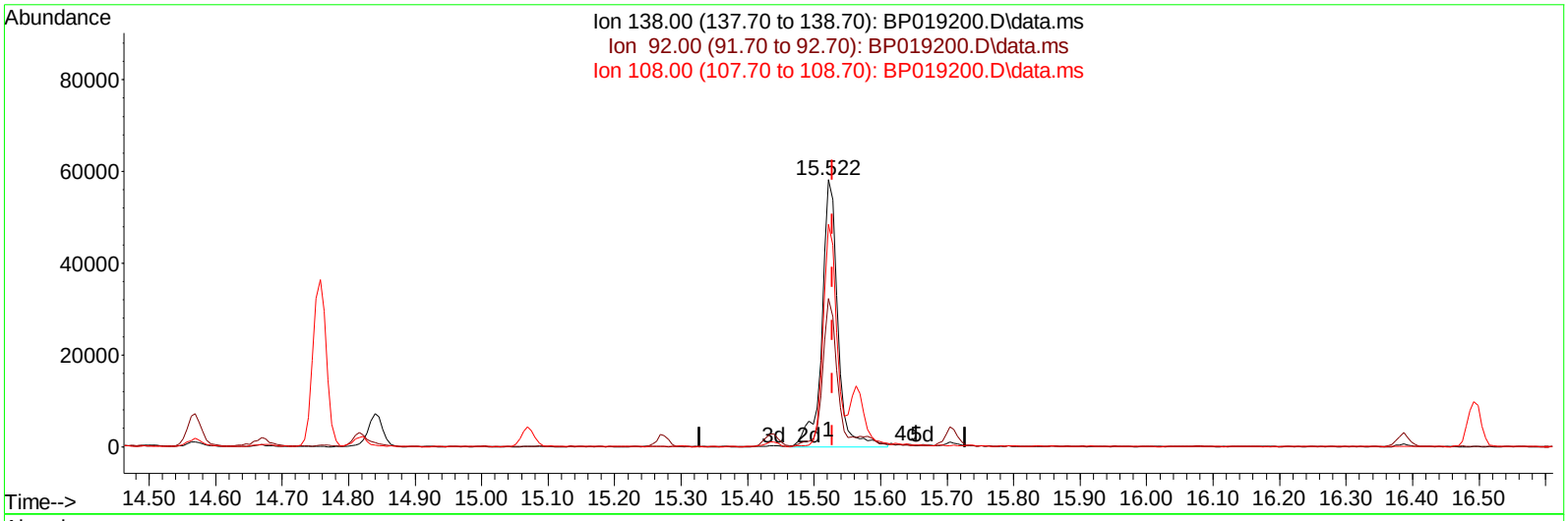


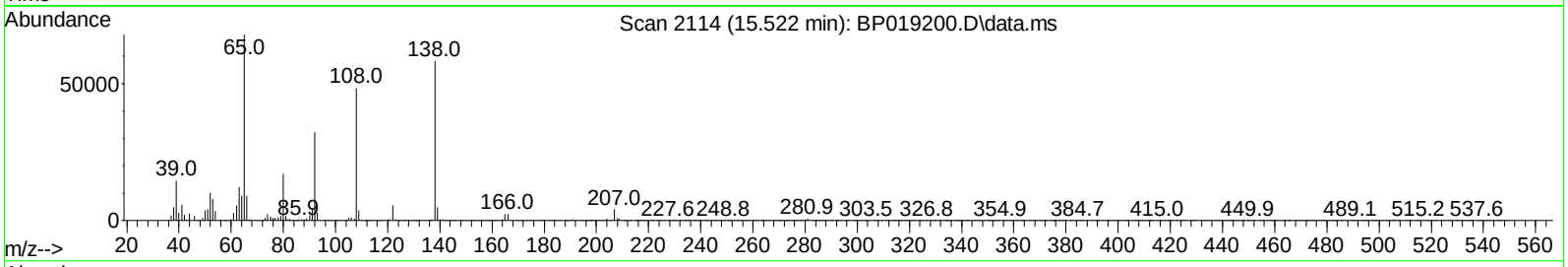


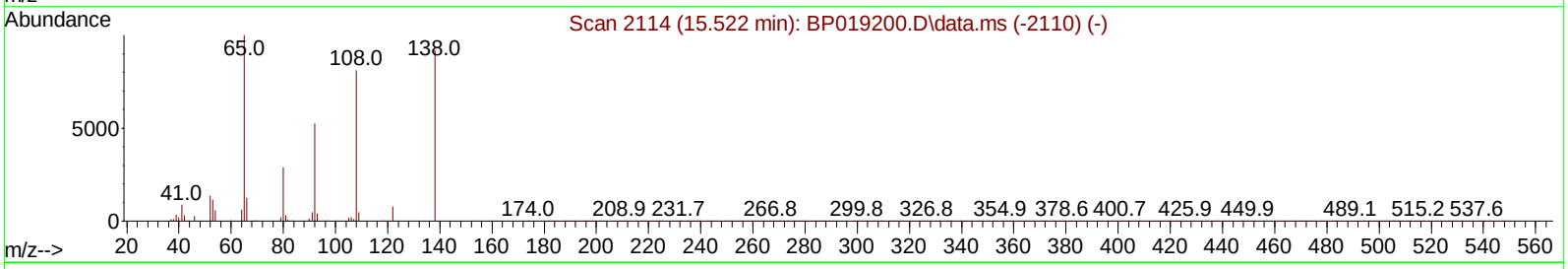


TIC: BP019200.D\data.ms

**(63) 4-Nitroaniline**

**15.522min (-0.006) 18.80 ng/ul m**

**response 96698**

| Ion | Exp% | Act% |
|---|---|---|
| 138.00 | 100.00 | 100.00 |
| 92.00 | 52.80 | 55.58 |
| 108.00 | 82.80 | 83.28 |
| 0.00 | 0.00 | 0.00 |

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Data File : BP019200.D
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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.799 | 152 | 152149 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.593 | 136 | 554186 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.439 | 164 | 326374 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.198 | 188 | 737635 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.298 | 240 | 850179 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 23.663 | 264 | 1021019 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.234 | 96 | 37795 | 8.484 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.652 | 84 | 238489 | 21.329 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.975 | 99 | 274107 | 20.089 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.140 | 67 | 169466 | 21.469 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.328 | 132 | 215742 | 19.613 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.516 | 113 | 203537 | 19.161 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.963 | 128 | 93319 | 19.480 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.681 | 143 | 95394 | 18.425 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.222 | 165 | 203202 | 19.436 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.740 | 131 | 246793 | 19.191 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.857 | 166 | 535518 | 18.576 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.134 | 160 | 613886 | 19.626 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.657 | 143 | 88026 | 18.083 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.434 | 176 | 483366 | 19.409 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 200 | 81770 | 16.910 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.298 | 188 | 770023 | 19.989 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.539 | 212 | 978799 | 18.891 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.504 | 264 | 1153329 | 19.652 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.269 | 88 | 41661 | 8.505 | ng/uL | 95 |
| 5) Pyridine | 3.669 | 79 | 248200 | 21.868 | ng/ul | 91 |
| 6) Benzaldehyde | 6.946 | 77 | 124373 | 19.632 | ng/ul | 96 |
| 8) Phenol | 6.999 | 94 | 277345 | 20.579 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.234 | 93 | 226320 | 20.755 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.363 | 128 | 219647 | 19.510 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.252 | 108 | 195604 | 19.620 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.328 | 45 | 279954 | 21.764 | ng/ul | 99 |
| 16) Acetophenone | 8.628 | 105 | 315031 | 19.801 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.610 | 70 | 146290 | 18.440 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.581 | 108 | 209160 | 19.491 | ng/ul | 95 |
| 19) Hexachloroethane | 8.869 | 117 | 92719 | 19.635 | ng/ul | 95 |
| 22) Nitrobenzene | 9.004 | 77 | 240271 | 20.529 | ng/ul | 99 |
| 23) Isophorone | 9.534 | 82 | 390580 | 18.506 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.716 | 139 | 105549 | 19.093 | ng/ul | 97 |
| 26) 2,4-Dimethylphenol | 9.781 | 107 | 199116 | 20.460 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.016 | 93 | 274808 | 19.700 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.246 | 162 | 201900 | 19.762 | ng/ul | 99 |
| 30) Naphthalene | 10.646 | 128 | 666214 | 19.939 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.763 | 127 | 241078 | 19.537 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.922 | 225 | 151510 | 19.270 | ng/ul | 99 |
| 34) Caprolactam | 11.551 | 113 | 40519 | 15.015 | ng/ul | 97 |
| 35) 4-Chloro-3-methylphenol | 11.898 | 107 | 184018 | 18.349 | ng/ul | 99 |

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Quant Title : SVOA CALIBRATION
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**Instrument :**
BNA_P
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SSTDCCC020

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Supervised By :mohammad ahmed 01/05/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.257 | 142 | 430000 | 19.088 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.481 | 142 | 432875 | 19.055 | ng/ul | 97 |
| 39) 1,2,4,5-Tetrachloroben... | 12.628 | 216 | 266672 | 19.839 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.604 | 237 | 134278 | 17.997 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.875 | 196 | 150623 | 18.777 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.945 | 196 | 161306 | 18.943 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.275 | 154 | 564013 | 19.810 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.316 | 162 | 460017 | 20.137 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.528 | 65 | 103834 | 18.933 | ng/ul | 89 |
| 47) Dimethylphthalate | 13.904 | 163 | 532808 | 18.724 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.028 | 165 | 93608 | 17.902 | ng/ul | 100 |
| 50) Acenaphthylene | 14.163 | 152 | 700713 | 19.910 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.357 | 138 | 93417 | 18.274 | ng/ul | 95 |
| 52) Acenaphthene | 14.504 | 153 | 470344 | 19.719 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.569 | 184 | 45839 | 13.607 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.669 | 109 | 71505 | 18.380 | ng/ul | 93 |
| 56) Dibenzofuran | 14.839 | 168 | 671125 | 19.703 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.816 | 165 | 143713 | 18.688 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.069 | 232 | 135554 | 18.220 | ng/ul | 97 |
| 59) Diethylphthalate | 15.275 | 149 | 505708 | 18.329 | ng/ul | 99 |
| 61) Fluorene | 15.492 | 166 | 537255 | 19.706 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.486 | 204 | 286230 | 19.225 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.522 | 138 | 96698m | 18.801 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.581 | 198 | 90173 | 17.612 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.710 | 169 | 444912 | 19.763 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.386 | 248 | 176156 | 19.214 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.492 | 284 | 211792 | 18.903 | ng/ul | 97 |
| 70) Atrazine | 16.669 | 200 | 96115 | 15.128 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.845 | 266 | 113490 | 17.252 | ng/ul | 98 |
| 72) Phenanthrene | 17.239 | 178 | 891962 | 19.953 | ng/ul | 99 |
| 74) Anthracene | 17.328 | 178 | 893319 | 20.073 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.240 | 216 | 261792 | 20.412 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.757 | 250 | 254517 | 19.971 | ng/uL | 99 |
| 77) Carbazole | 17.610 | 167 | 790355 | 21.351 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.163 | 149 | 830260 | 18.085 | ng/ul | 100 |
| 80) Fluoranthene | 19.216 | 202 | 1118667 | 18.815 | ng/ul | 100 |
| 82) Pyrene | 19.569 | 202 | 1187626 | 19.065 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.451 | 149 | 384204 | 17.267 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.221 | 252 | 398076 | 18.717 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.286 | 228 | 1315453 | 19.583 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.216 | 149 | 581756 | 17.755 | ng/ul | 99 |
| 87) Chrysene | 21.333 | 228 | 1236257 | 19.737 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.127 | 149 | 1007178 | 17.250 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.939 | 252 | 1386523 | 19.333 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 22.986 | 252 | 1396325 | 19.814 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.557 | 252 | 1323934 | 19.613 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.109 | 276 | 1694479 | 19.582 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.121 | 278 | 1416668 | 19.680 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.856 | 276 | 1382533 | 19.937 | ng/ul | 100 |

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

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