Quantitation Report (Qedit)

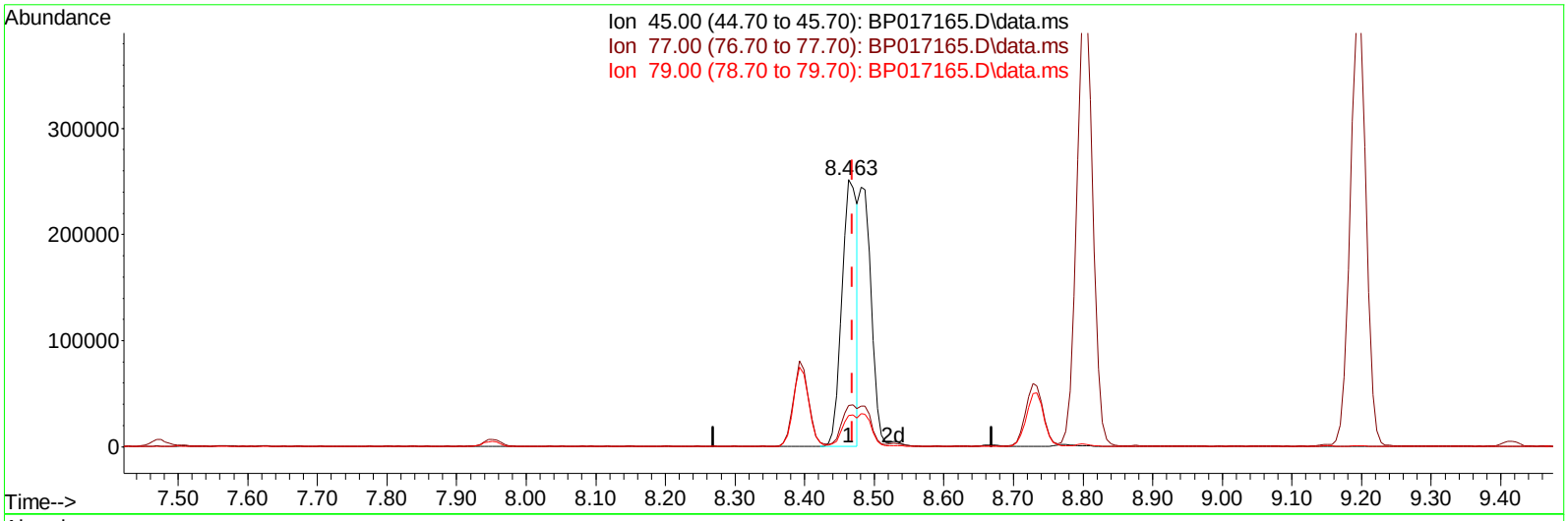
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017165.D
Acq On : 14 Sep 2023 00:20
Operator : MA/JU
Sample : 04268-03MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

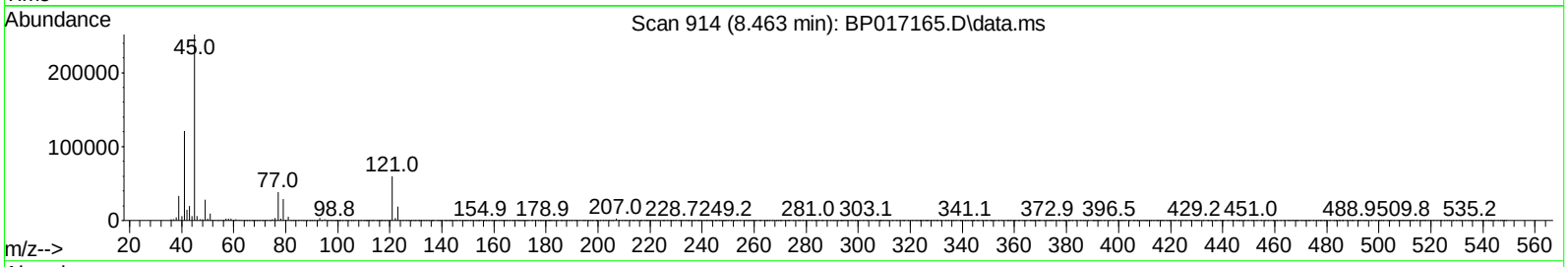
Quant Time: Sep 14 02:50:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

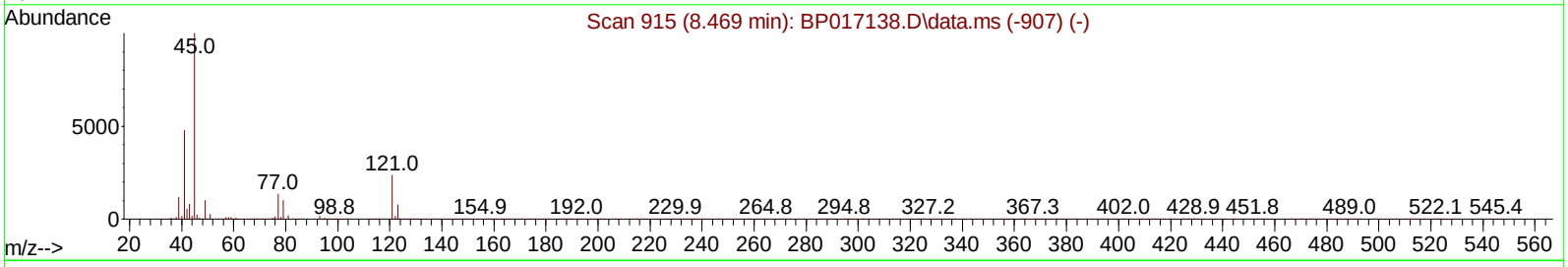
**Instrument :**
BNA_P
**ClientSampleId :**
H0GH2MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023




TIC: BP017165.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.463min (-0.006) 14.55 ng/ul**

**response 388794**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.60 | 15.41 |
| 79.00 | 11.00 | 11.63 |
| 0.00 | 0.00 | 0.00 |

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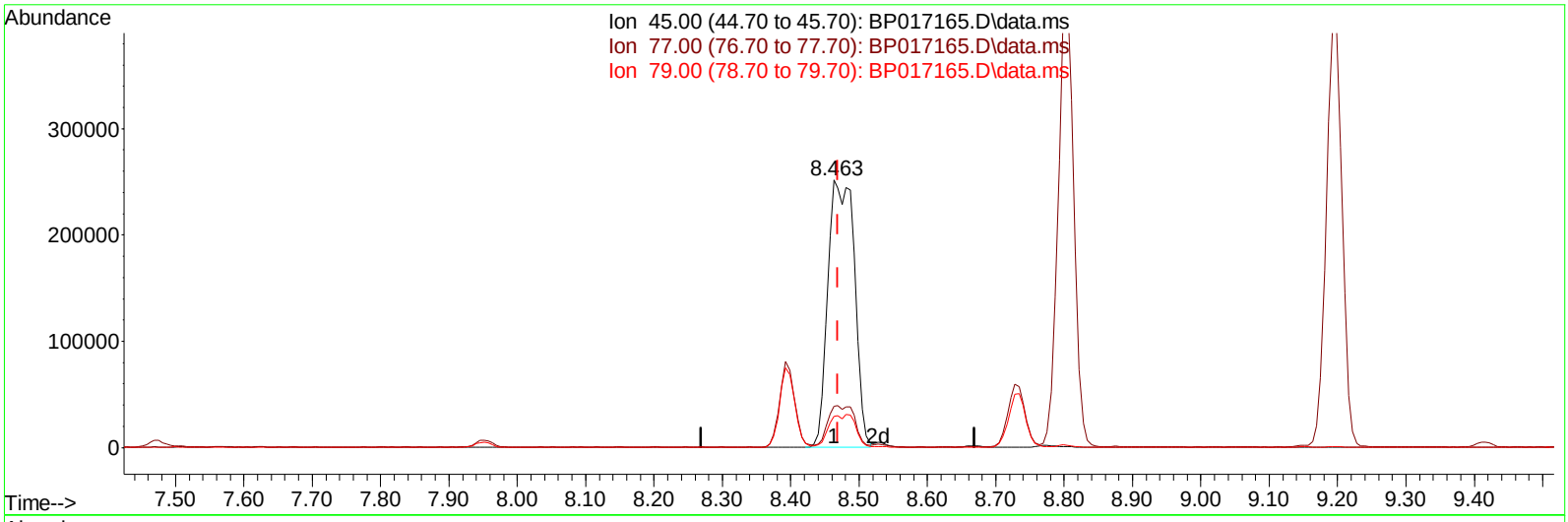


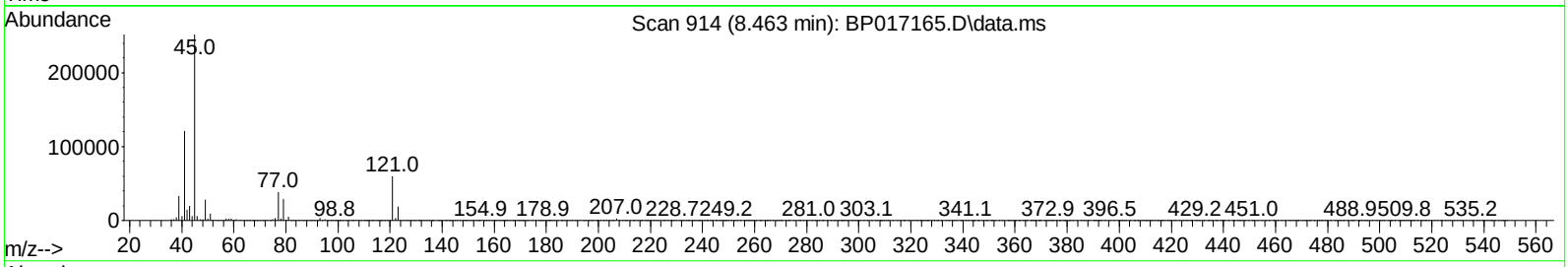


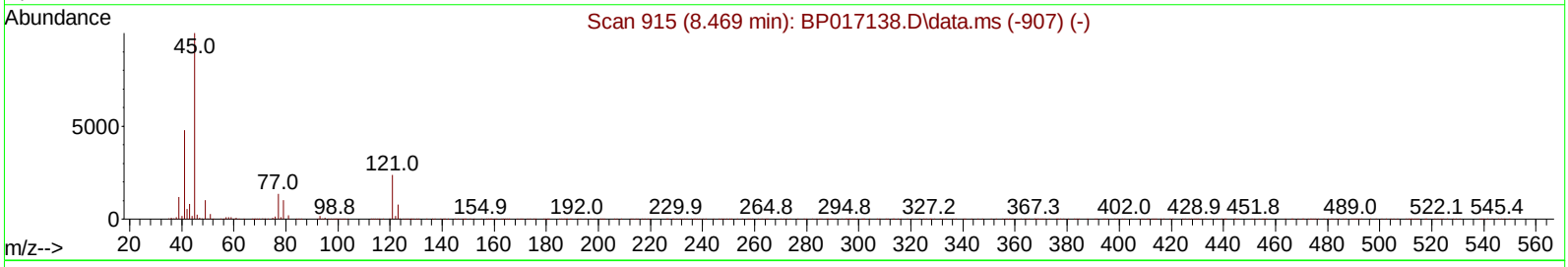


TIC: BP017165.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.463min (-0.006) 25.40 ng/ul m**

**response 678900**

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.60 | 15.41 |
| 79.00 | 11.00 | 11.63 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
H0GH2MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 288353 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.775 | 136 | 1263177 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.610 | 164 | 817157 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.380 | 188 | 1842125 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.480 | 240 | 1575119 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.009 | 264 | 1484674 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.311 | 96 | 26541 | 3.868 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.752 | 84 | 174857 | 8.908 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.104 | 99 | 122524 | 5.226 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.293 | 67 | 385675 | 26.317 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.469 | 132 | 365994 | 19.567 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.669 | 113 | 242531 | 12.481 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.151 | 128 | 255917 | 28.933 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.863 | 143 | 270691 | 28.666 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.393 | 165 | 474517 | 25.984 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.940 | 131 | 630184 | 22.894 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.028 | 166 | 1885164 | 32.419 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.310 | 160 | 1978914 | 29.991 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.834 | 143 | 60342 | 5.369 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.610 | 176 | 1585077 | 31.525 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 200 | 311179 | 30.235 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.480 | 188 | 2557434 | 32.675 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.721 | 212 | 2981610 | 36.094 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.839 | 264 | 2289848 | 32.678 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 27574 | 3.737 | ng/uL | 94 |
| 5) Pyridine | 3.769 | 79 | 207452 | 10.203 | ng/ul | 99 |
| 6) Benzaldehyde | 7.110 | 77 | 379463 | 29.069 | ng/ul | 98 |
| 8) Phenol | 7.134 | 94 | 138810 | 5.613 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.387 | 93 | 530367 | 26.890 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.504 | 128 | 389373 | 20.508 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.393 | 108 | 286422 | 15.537 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.463 | 45 | 678900m | 25.399 | ng/ul | |
| 16) Acetophenone | 8.804 | 105 | 858993 | 28.242 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.775 | 70 | 448874 | 28.719 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.734 | 108 | 275297 | 13.497 | ng/ul | 94 |
| 19) Hexachloroethane | 9.016 | 117 | 195206 | 25.000 | ng/ul | 97 |
| 22) Nitrobenzene | 9.198 | 77 | 654644 | 28.420 | ng/ul | 98 |
| 23) Isophorone | 9.710 | 82 | 1253348 | 29.036 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.898 | 139 | 300160 | 28.600 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.940 | 107 | 443630 | 20.741 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.198 | 93 | 759748 | 28.082 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.416 | 162 | 481770 | 26.062 | ng/ul | 99 |
| 30) Naphthalene | 10.828 | 128 | 1747155 | 27.333 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.963 | 127 | 596306 | 22.200 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.057 | 225 | 335451 | 26.725 | ng/ul | 99 |
| 34) Caprolactam | 11.798 | 113 | 24527 | 4.221 | ng/ul | 99 |
| 35) 4-Chloro-3-methylphenol | 12.063 | 107 | 507771 | 25.387 | ng/ul | 97 |

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**Instrument :**
BNA_P
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H0GH2MS

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.434 | 142 | 1218456 | 28.250 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.651 | 142 | 1203807 | 27.573 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.787 | 216 | 692558 | 28.456 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.734 | 237 | 306049 | 20.183 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.039 | 196 | 474354 | 30.680 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 13.104 | 196 | 528348 | 32.143 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.445 | 154 | 1731057 | 29.542 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.492 | 162 | 1372876 | 29.503 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.734 | 65 | 449392 | 35.654 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.075 | 163 | 1961962 | 33.236 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.222 | 165 | 402497 | 37.295 | ng/ul | 99 |
| 50) Acenaphthylene | 14.339 | 152 | 2217797 | 29.095 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.563 | 138 | 391391 | 33.901 | ng/ul | 97 |
| 52) Acenaphthene | 14.675 | 153 | 1533256 | 30.397 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.757 | 184 | 190991 | 25.266 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.845 | 109 | 51964 | 5.777 | ng/ul | 99 |
| 56) Dibenzofuran | 15.016 | 168 | 2205677 | 31.643 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.004 | 165 | 588430 | 36.617 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.228 | 232 | 478874 | 33.209 | ng/ul | 98 |
| 59) Diethylphthalate | 15.428 | 149 | 2009589 | 34.480 | ng/ul | 100 |
| 61) Fluorene | 15.663 | 166 | 1862316 | 32.315 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.657 | 204 | 946432 | 32.301 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.733 | 138 | 389096 | 36.251 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.757 | 198 | 328243 | 29.718 | ng/ul | 92 |
| 67) N-Nitrosodiphenylamine | 15.881 | 169 | 1604129 | 33.490 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248 | 614137 | 34.975 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.639 | 284 | 705814 | 33.960 | ng/ul | 98 |
| 70) Atrazine | 16.839 | 200 | 388286 | 22.395 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.004 | 266 | 383355 | 28.381 | ng/ul | 99 |
| 72) Phenanthrene | 17.427 | 178 | 3060170 | 33.057 | ng/ul | 100 |
| 74) Anthracene | 17.522 | 178 | 3080261 | 32.852 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.398 | 216 | 70647 | 2.774 | ng/uL | 95 |
| 76) Pentachlorobenzene | 14.904 | 250 | 799048 | 34.574 | ng/uL | 100 |
| 77) Carbazole | 17.804 | 167 | 2802671 | 34.042 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.316 | 149 | 3475230 | 37.043 | ng/ul | 99 |
| 80) Fluoranthene | 19.392 | 202 | 3624236 | 37.536 | ng/ul | 100 |
| 82) Pyrene | 19.751 | 202 | 3756326 | 36.819 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.610 | 149 | 1503513 | 41.321 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.404 | 252 | 935099 | 28.957 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.463 | 228 | 3447991 | 33.433 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.345 | 149 | 2138746 | 41.872 | ng/ul | 98 |
| 87) Chrysene | 21.521 | 228 | 3230983 | 33.679 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.310 | 149 | 3378000 | 41.034 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.221 | 252 | 3085967 | 35.263 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.274 | 252 | 2947959 | 33.885 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.898 | 252 | 2586166 | 31.853 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.680 | 276 | 3096422 | 34.441 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.709 | 278 | 2596821 | 34.384 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.521 | 276 | 2467828 | 35.498 | ng/ul | 99 |

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

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