

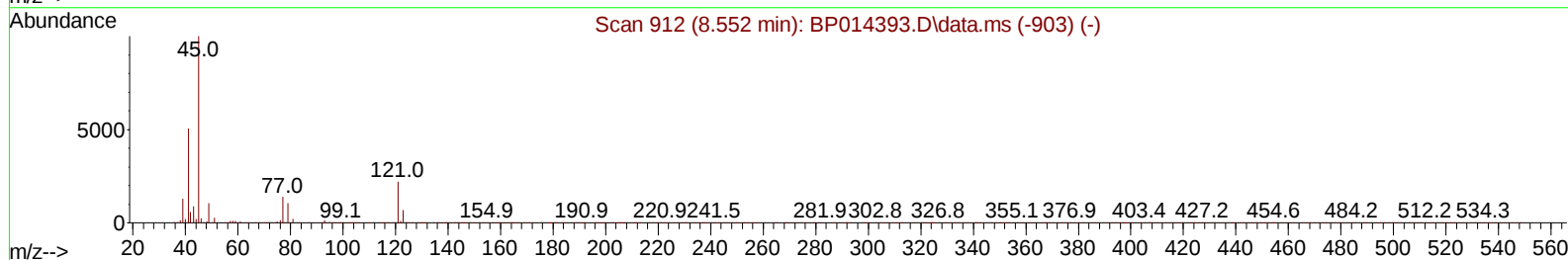
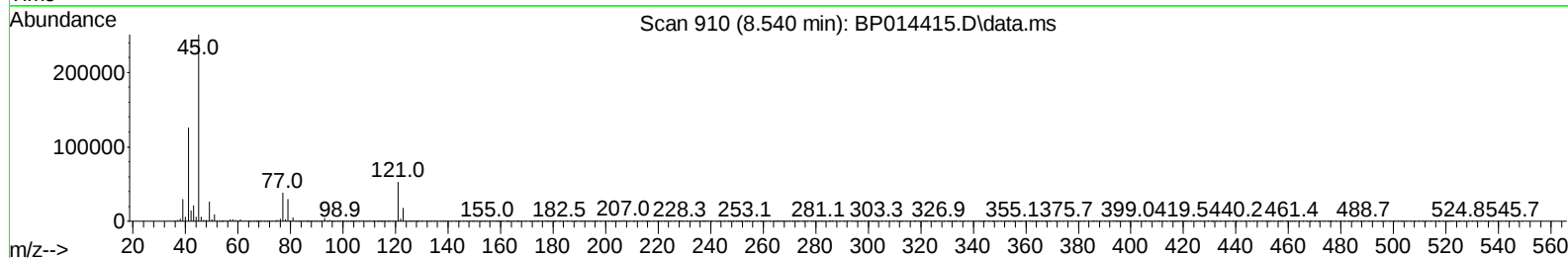
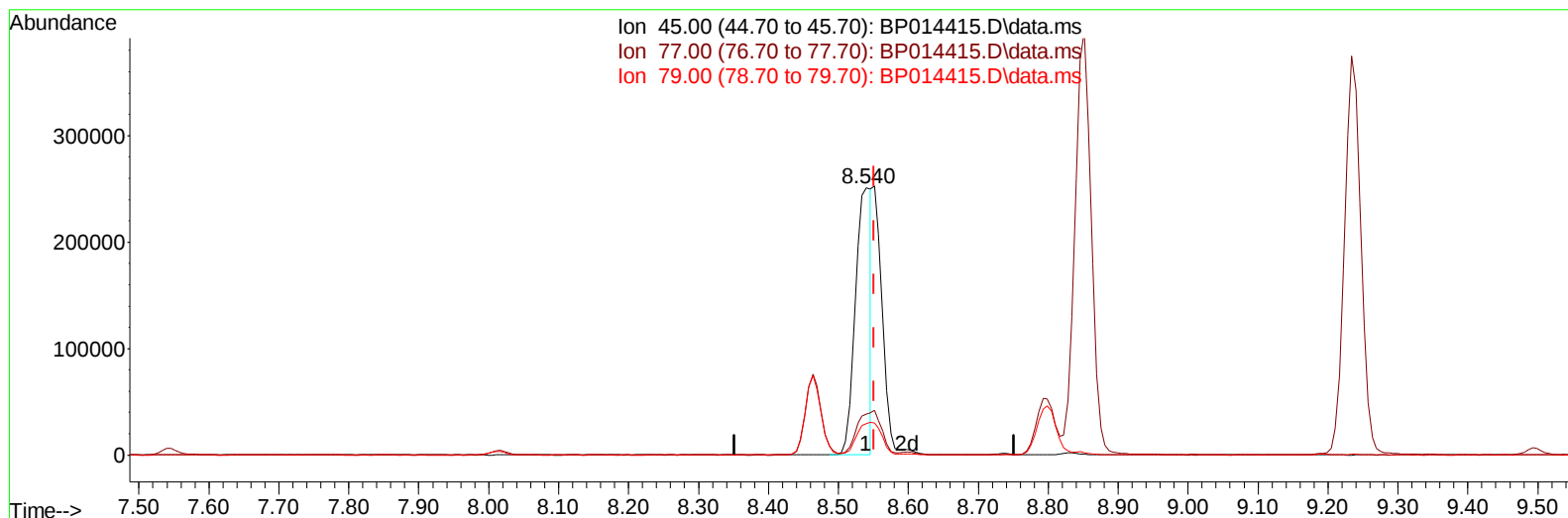
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
 Data File : BP014415.D  
 Acq On : 30 Mar 2023 22:36  
 Operator : CG/JU  
 Sample : 02038-10MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EYF73MSD

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/31/2023  
 Supervised By :Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 00:14:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 30 12:32:14 2023  
 Response via : Initial Calibration



TIC: BP014415.D\data.ms

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

8.540min (-0.012) 23.83 ng/u1

response 394218

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.00  | 15.40  |
| 79.00 | 12.00  | 11.71  |
| 0.00  | 0.00   | 0.00   |

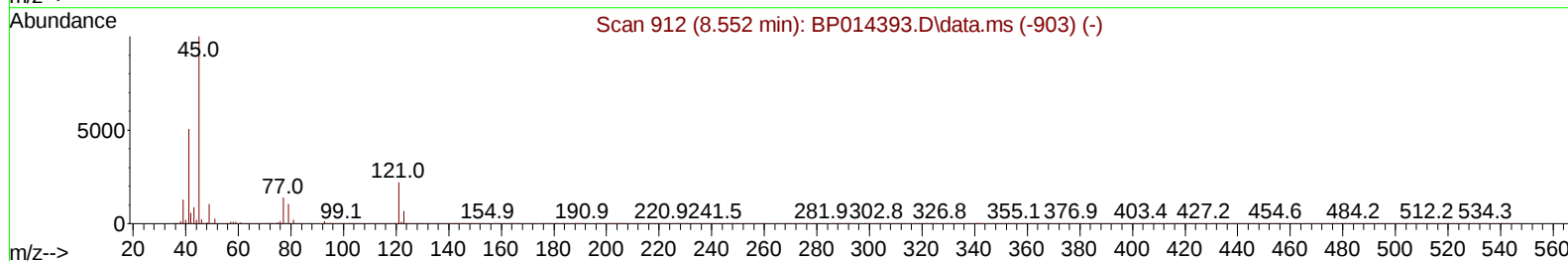
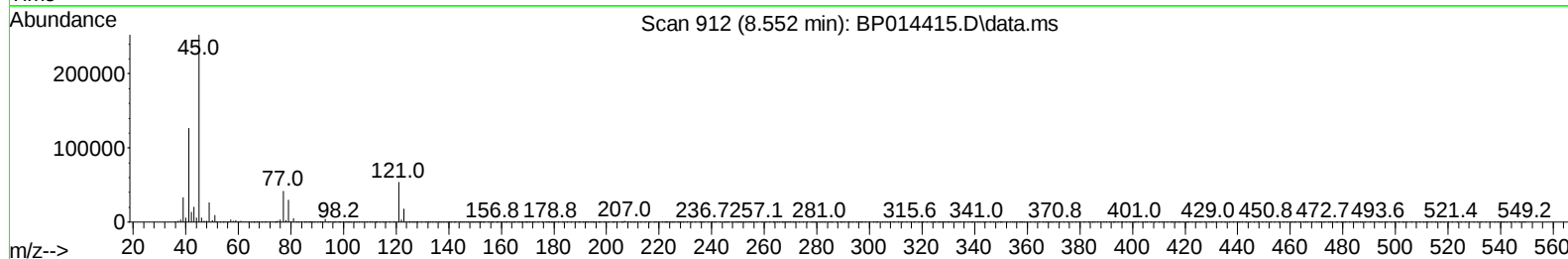
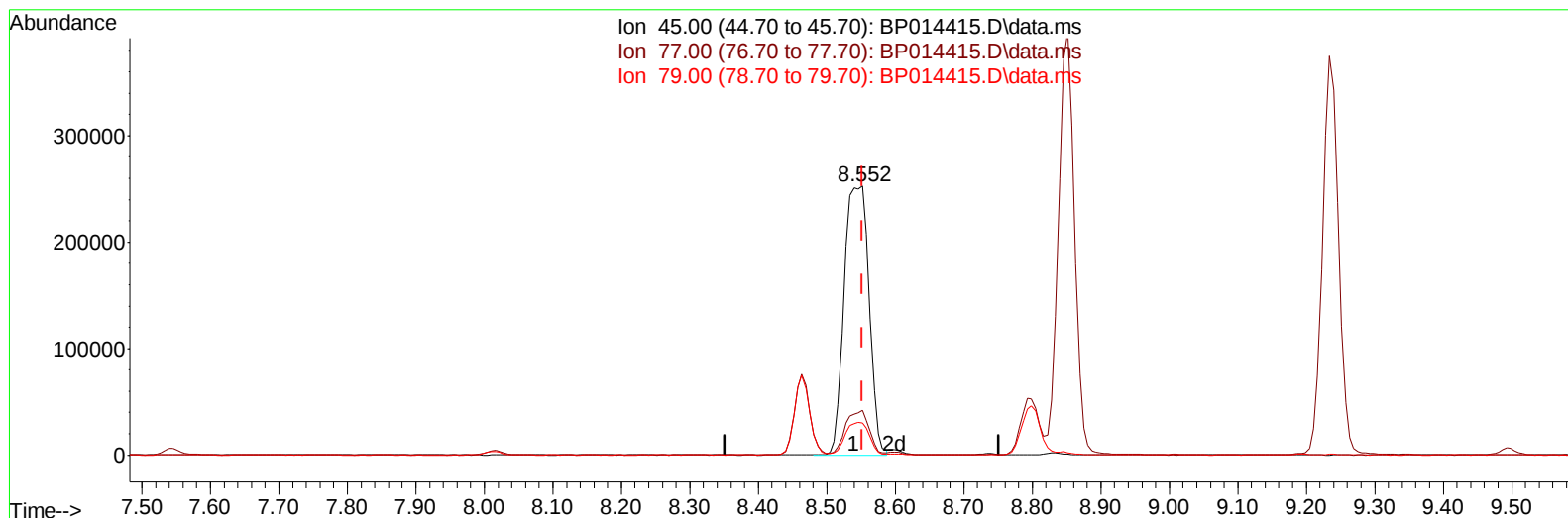
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TIC: BP014415.D\data.ms

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

8.552min (+ 0.000) 38.35 ng/ul m

response 634510

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 16.00  | 16.71  |
| 79.00 | 12.00  | 11.97  |
| 0.00  | 0.00   | 0.00   |



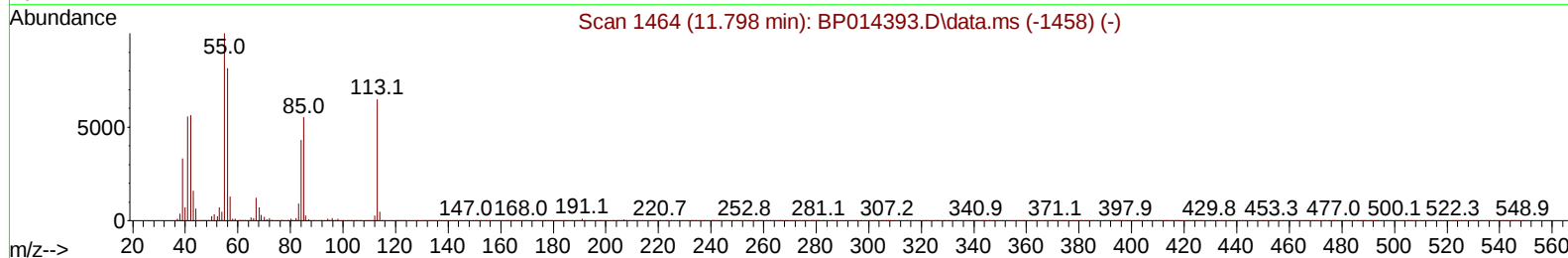
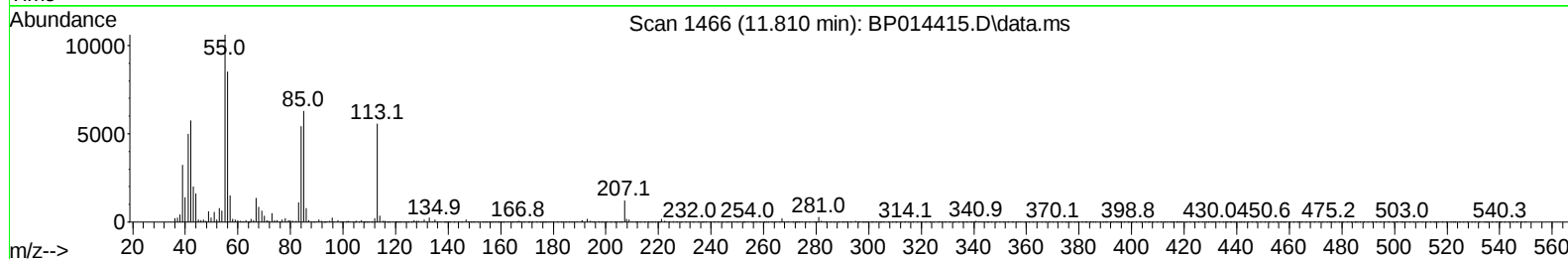
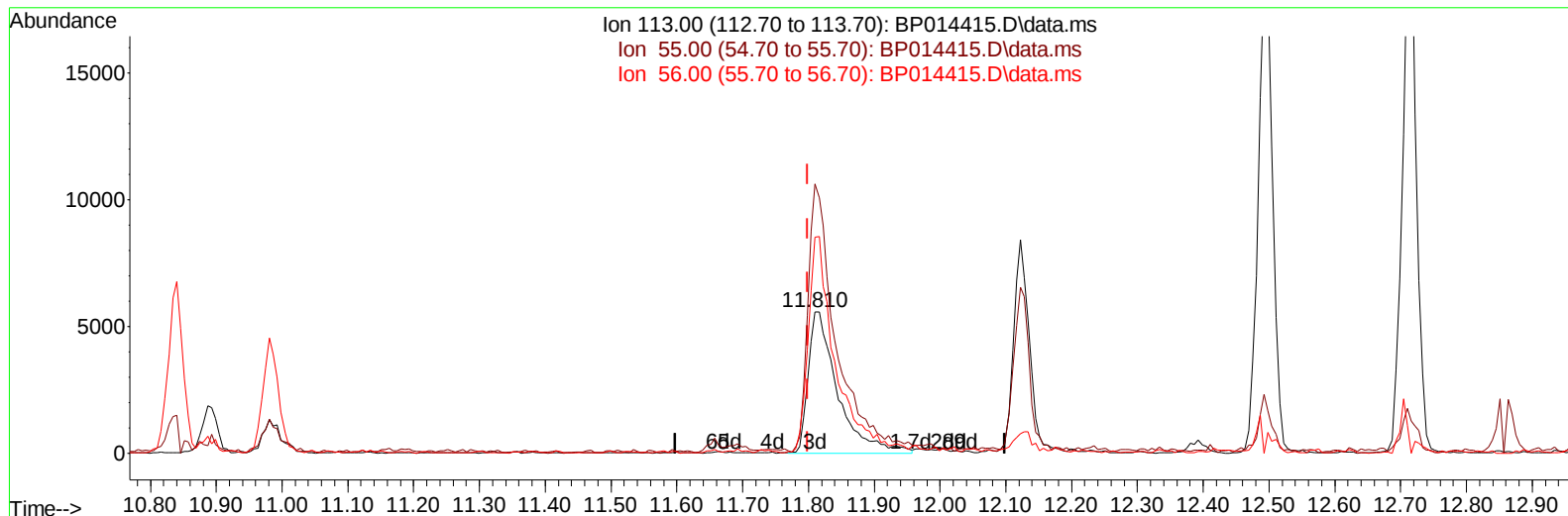
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Data File : BP014415.D  
Acq On : 30 Mar 2023 22:36  
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ALS Vial : 23 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 30 12:32:14 2023  
Response via : Initial Calibration



TIC: BP014415.D\data.ms

## (34) Caprolactam

11.810min (+ 0.012) 4.80 ng/ul m

response 17170

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 55.00  | 164.00 | 190.35  |
| 56.00  | 126.40 | 152.91# |
| 0.00   | 0.00   | 0.00    |

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 Supervised By :Jagrut Upadhyay 03/31/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 163909   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.840 | 136  | 730613   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.669 | 164  | 481833   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.434 | 188  | 993216   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.522 | 240  | 725386   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.039 | 264  | 687284   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 19525    | 4.619  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84   | 146508   | 13.526 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.175  | 99   | 112144   | 7.419  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.340  | 67   | 378533   | 39.029 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.546  | 132  | 314137   | 28.752 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.734  | 113  | 219133   | 17.971 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.193  | 128  | 223915   | 37.964 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.916  | 143  | 258431   | 38.265 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.457 | 165  | 422746   | 34.370 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.981 | 131  | 546891   | 33.756 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.075 | 166  | 1565793  | 40.079 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.363 | 160  | 1693496  | 39.066 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.887 | 143  | 44446    | 7.531  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.663 | 176  | 1278872  | 39.254 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.792 | 200  | 287470   | 39.335 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.534 | 188  | 1890190  | 39.324 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.763 | 212  | 2014068  | 41.336 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.874 | 264  | 1499023  | 41.052 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 23081    | 4.969  | ng/uL  | 90       |
| 5) Pyridine                   | 3.840  | 79   | 143474   | 12.658 | ng/ul  | 94       |
| 6) Benzaldehyde               | 7.152  | 77   | 333325   | 44.362 | ng/ul  | 99       |
| 8) Phenol                     | 7.205  | 94   | 114280   | 7.288  | ng/ul  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.434  | 93   | 461063   | 36.588 | ng/ul  | 100      |
| 12) 2-Chlorophenol            | 7.575  | 128  | 313536   | 27.572 | ng/ul  | 95       |
| 13) 2-Methylphenol            | 8.463  | 108  | 242536   | 20.739 | ng/ul  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.552  | 45   | 634510m  | 38.349 | ng/ul  |          |
| 16) Acetophenone              | 8.852  | 105  | 757185   | 37.606 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.828  | 70   | 429196   | 39.457 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 8.799  | 108  | 227545   | 17.717 | ng/ul  | 100      |
| 19) Hexachloroethane          | 9.099  | 117  | 179976   | 36.222 | ng/ul  | 98       |
| 22) Nitrobenzene              | 9.234  | 77   | 610254   | 36.016 | ng/ul  | 99       |
| 23) Isophorone                | 9.763  | 82   | 1191011  | 38.132 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.952  | 139  | 254265   | 35.668 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 10.005 | 107  | 364375   | 22.837 | ng/ul  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.246 | 93   | 688623   | 36.774 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.487 | 162  | 399240   | 32.982 | ng/ul  | 97       |
| 30) Naphthalene               | 10.893 | 128  | 1445016  | 35.507 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 11.004 | 127  | 445816   | 27.168 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.163 | 225  | 324646   | 33.853 | ng/ul  | 98       |
| 34) Caprolactam               | 11.810 | 113  | 17170m   | 4.801  | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.122 | 107  | 448453   | 30.121 | ng/ul  | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.493 | 142  | 1008814  | 36.578 | ng/ul | 99       |
| 37) 1-Methylnaphthalene       | 12.716 | 142  | 1038293  | 37.960 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.863 | 216  | 614061   | 35.745 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.834 | 237  | 300045   | 26.970 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.104 | 196  | 383765   | 36.100 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.181 | 196  | 405112   | 35.796 | ng/ul | 97       |
| 43) 1,1'-Biphenyl             | 13.504 | 154  | 1422616  | 36.545 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.545 | 162  | 1120390  | 36.401 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.763 | 65   | 388668   | 40.775 | ng/ul | 98       |
| 47) Dimethylphthalate         | 14.122 | 163  | 1501627  | 38.442 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.251 | 165  | 310923   | 40.741 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.393 | 152  | 1722741  | 37.315 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.587 | 138  | 268402   | 39.257 | ng/ul | 95       |
| 52) Acenaphthene              | 14.734 | 153  | 1216175  | 37.279 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.798 | 184  | 184915   | 37.416 | ng/ul | 96       |
| 55) 4-Nitrophenol             | 14.898 | 109  | 42544    | 7.304  | ng/ul | 95       |
| 56) Dibenzofuran              | 15.069 | 168  | 1688576  | 36.819 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 15.045 | 165  | 441202   | 40.756 | ng/ul | 94       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.298 | 232  | 370574   | 36.432 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.487 | 149  | 1539902  | 39.671 | ng/ul | 99       |
| 61) Fluorene                  | 15.722 | 166  | 1382208  | 37.183 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.710 | 204  | 753122   | 37.710 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.757 | 138  | 237917   | 42.828 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.810 | 198  | 268133   | 37.859 | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.928 | 169  | 1165403  | 37.712 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.610 | 248  | 466956   | 37.782 | ng/ul | 99       |
| 69) Hexachlorobenzene         | 16.728 | 284  | 530864   | 37.395 | ng/ul | 99       |
| 70) Atrazine                  | 16.886 | 200  | 314766   | 27.981 | ng/ul | 98       |
| 71) Pentachlorophenol         | 17.081 | 266  | 274329   | 33.356 | ng/ul | 97       |
| 72) Phenanthrene              | 17.475 | 178  | 2090602  | 37.834 | ng/ul | 99       |
| 74) Anthracene                | 17.569 | 178  | 2091399  | 37.553 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.469 | 216  | 628498   | 35.949 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.987 | 250  | 648935   | 37.199 | ng/uL | 99       |
| 77) Carbazole                 | 17.839 | 167  | 1785010  | 38.300 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.369 | 149  | 2497503  | 42.618 | ng/ul | 100      |
| 80) Fluoranthene              | 19.433 | 202  | 2349264  | 40.779 | ng/ul | 100      |
| 82) Pyrene                    | 19.792 | 202  | 2318198  | 38.543 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.645 | 149  | 904705   | 43.668 | ng/ul | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.427 | 252  | 616830   | 38.449 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.504 | 228  | 1984633  | 38.609 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.398 | 149  | 1266474  | 44.704 | ng/ul | 100      |
| 87) Chrysene                  | 21.557 | 228  | 1841640  | 37.944 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.363 | 149  | 1959534  | 43.935 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.263 | 252  | 1793835  | 38.646 | ng/ul | 98       |
| 91) Benzo(k)fluoranthene      | 23.316 | 252  | 1803154  | 39.997 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.927 | 252  | 1568502  | 39.257 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.692 | 276  | 2163058  | 39.351 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.704 | 278  | 1816396  | 39.468 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.504 | 276  | 1763054  | 39.348 | ng/ul | 97       |

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

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