

```

Data File   : BM024009.D
Acq On      : 04 Dec 2019   19:37
Operator    : JU
Sample      : SSTDCCC020EC
Misc        :
ALS Vial    : 2      Sample Multiplier: 1

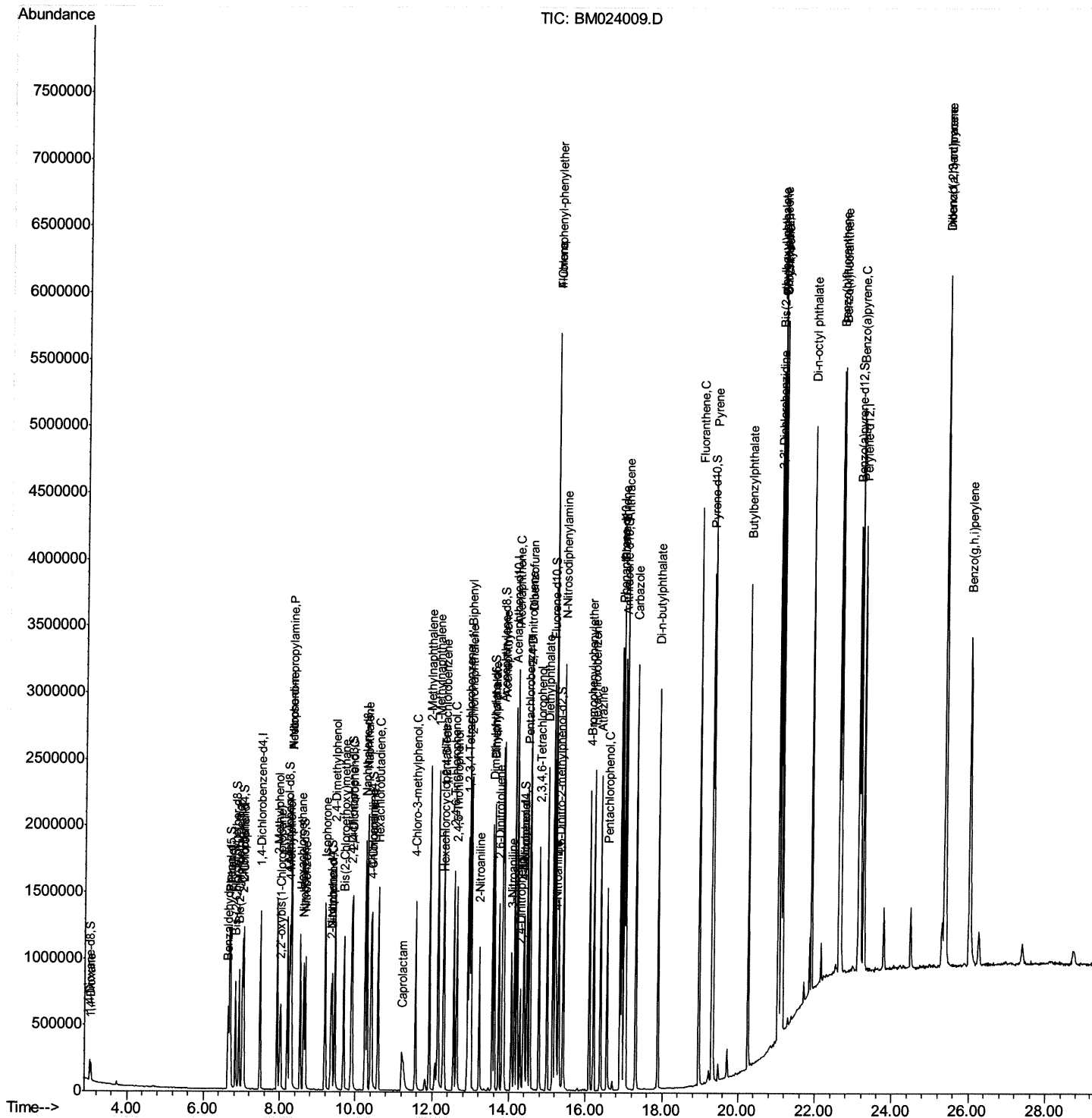
```

**Instrument :**  
BNA\_M  
**LabSampleId :**  
SSTDCCC020EC

**Manual Integrations**  
**APPROVED**

mohammad  
12/5/2019 10:50:12 AM

Quant Time: Dec 05 03:18:46 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 05 02:46:26 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM120419\  
Quantitation Report (Qedit)

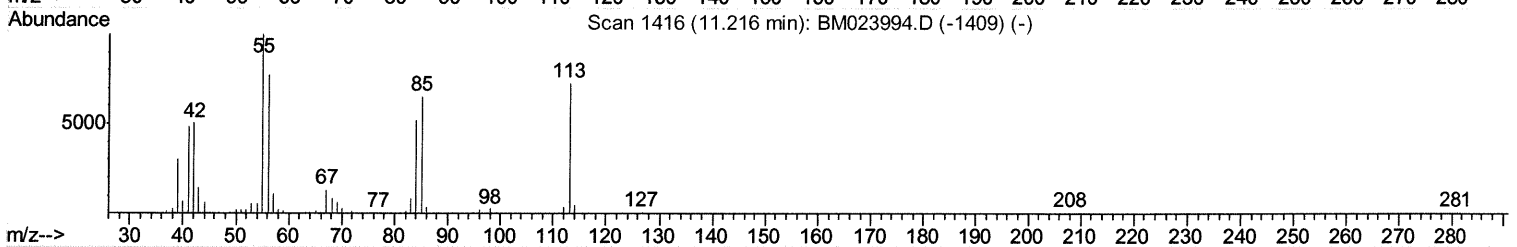
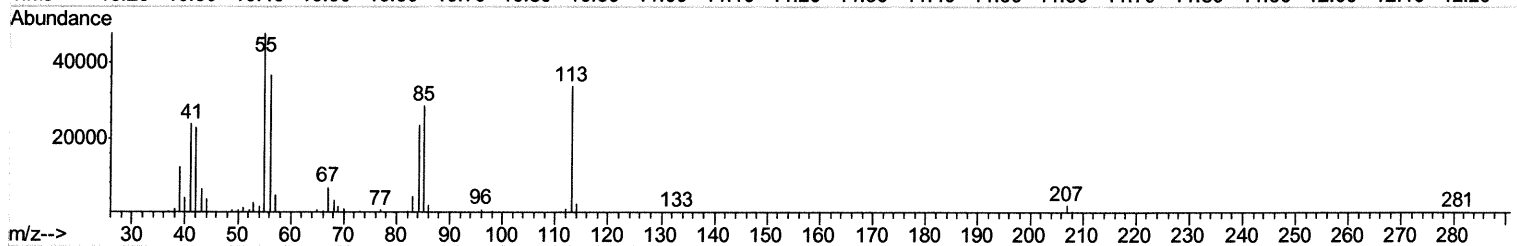
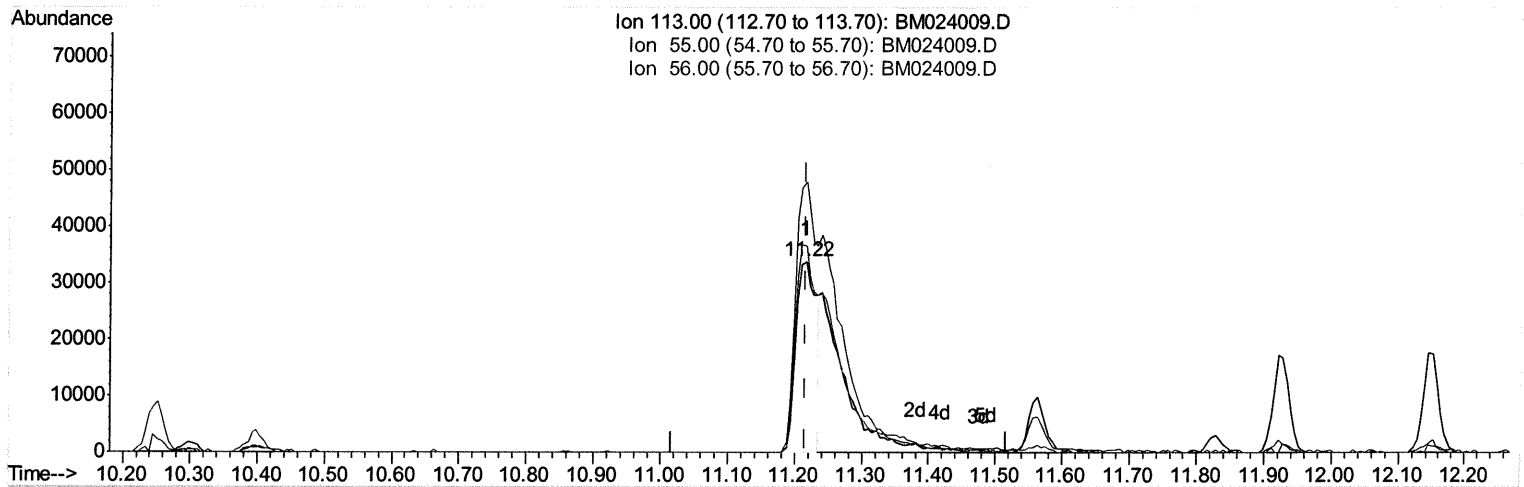
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TIC: BM024009.D

(32) Caprolactam

11.216min (-0.000) 9.51ng/ul

response 70838

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 137.60 | 141.61 |
| 56.00  | 106.90 | 108.43 |
| 0.00   | 0.00   | 0.00   |

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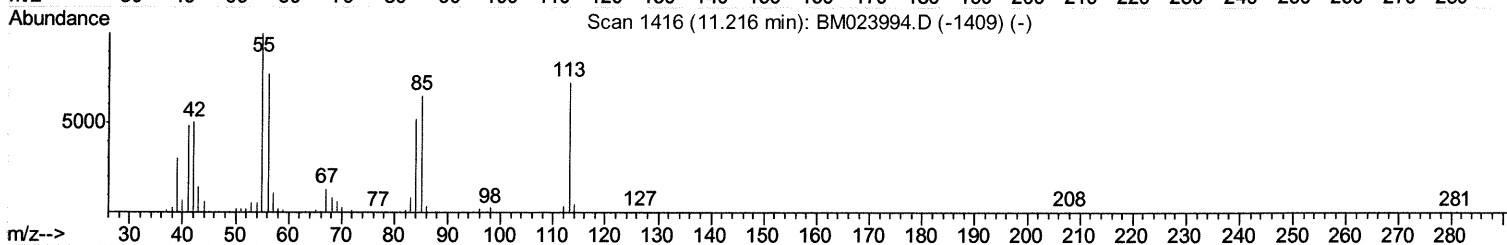
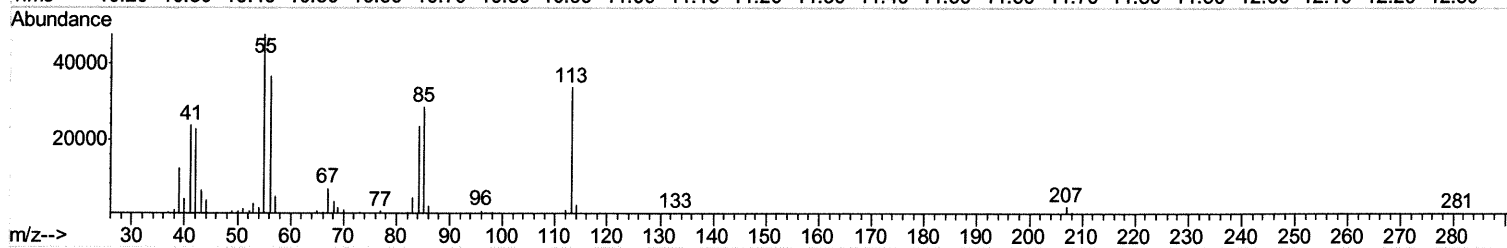
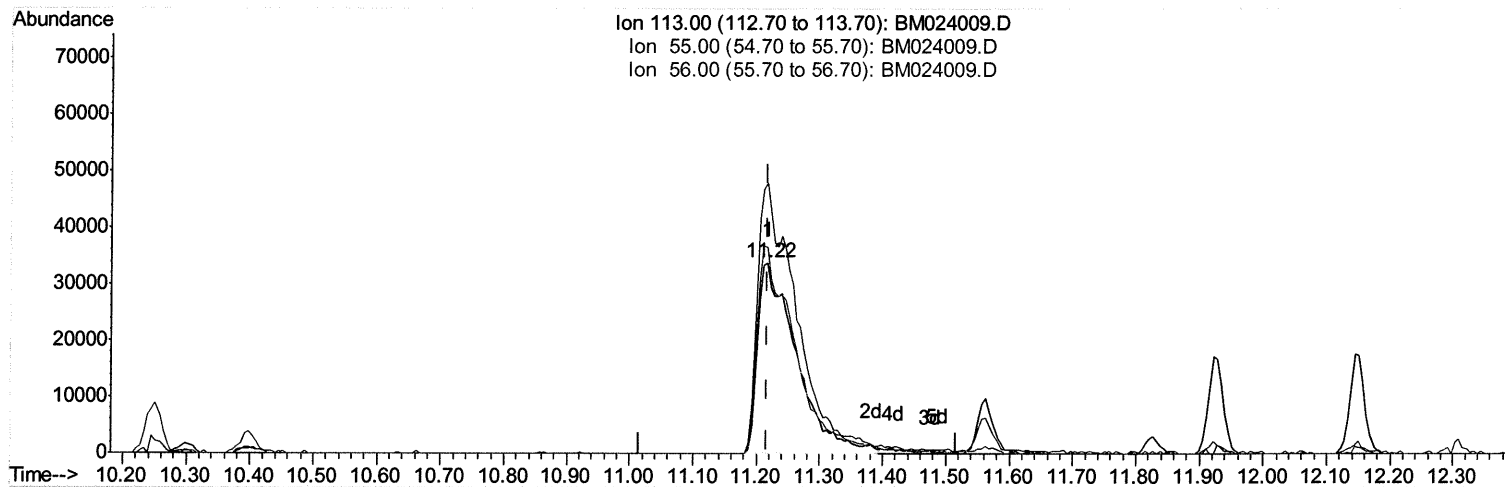
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TIC: BM024009.D

(32) Caprolactam

11.216min (-0.000) 19.42ng/ul m JU 12/10/19

response 144680

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 137.60 | 141.61 |
| 56.00  | 106.90 | 108.43 |
| 0.00   | 0.00   | 0.00   |

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.48  | 152  | 375203   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 1537026  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.14 | 164  | 925922   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.89 | 188  | 1917830  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.10 | 240  | 1961883  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.24 | 264  | 2385403  | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 73915   | 8.77  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.67  | 99  | 636204  | 19.35 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 371490  | 19.42 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 500415  | 19.69 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.20  | 113 | 489123  | 18.85 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.63  | 128 | 234547  | 19.66 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 263087  | 19.40 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.89  | 165 | 499339  | 19.45 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.40 | 131 | 588980  | 20.90 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.56 | 166 | 1333949 | 18.54 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.83 | 160 | 1631820 | 19.35 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.37 | 143 | 239375  | 19.79 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.14 | 176 | 1161365 | 19.18 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.29 | 200 | 206420  | 17.15 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 16.99 | 188 | 1757374 | 19.19 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.30 | 212 | 1915923 | 18.90 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.11 | 264 | 2404117 | 19.07 | ng/ul | -0.01 |

#### Target Compounds

|                                |       |     |         |                | Qvalue      |
|--------------------------------|-------|-----|---------|----------------|-------------|
| 2) 1,4-Dioxane                 | 3.06  | 88  | 78769   | 8.710 ng/uL    | 98          |
| 4) Benzaldehyde                | 6.63  | 77  | 242594  | 14.008 ng/ul   | 94          |
| 6) Phenol                      | 6.70  | 94  | 682784  | 20.184 ng/ul   | 99          |
| 8) Bis(2-Chloroethyl)ether     | 6.92  | 93  | 523351  | 19.897 ng/ul   | 100         |
| 10) 2-Chlorophenol             | 7.05  | 128 | 542741  | 20.869 ng/ul   | 98          |
| 11) 2-Methylphenol             | 7.93  | 108 | 502342  | 19.907 ng/ul   | 97          |
| 12) 2,2'-oxybis(1-Chloropropan | 8.01  | 45  | 567252  | 19.862 ng/ul   | 99          |
| 14) Acetophenone               | 8.30  | 105 | 768404  | 19.372 ng/ul   | 100         |
| 15) N-Nitroso-di-n-propylamine | 8.29  | 70  | 421600  | 19.879 ng/ul   | 98          |
| 16) 4-Methylphenol             | 8.26  | 108 | 544114  | 19.813 ng/ul   | 99          |
| 17) Hexachloroethane           | 8.54  | 117 | 217147  | 20.242 ng/ul   | 97          |
| 20) Nitrobenzene               | 8.67  | 77  | 609229  | 21.022 ng/ul   | 98          |
| 21) Isophorone                 | 9.20  | 82  | 1096623 | 19.932 ng/ul   | 100         |
| 23) 2-Nitrophenol              | 9.38  | 139 | 298492  | 20.808 ng/ul   | 97          |
| 24) 2,4-Dimethylphenol         | 9.45  | 107 | 585270  | 20.219 ng/ul   | 96          |
| 25) Bis(2-Chloroethoxy)methane | 9.69  | 93  | 686940  | 19.901 ng/ul   | 98          |
| 27) 2,4-Dichlorophenol         | 9.91  | 162 | 501123  | 20.310 ng/ul   | 98          |
| 28) Naphthalene                | 10.30 | 128 | 1661812 | 20.508 ng/ul   | 99          |
| 30) 4-Chloroaniline            | 10.42 | 127 | 627730  | 21.648 ng/ul   | 99          |
| 31) Hexachlorobutadiene        | 10.59 | 225 | 308848  | 19.823 ng/ul   | 96          |
| 32) Caprolactam                | 11.22 | 113 | 144680m | 19.418 ng/ul > | J4 12/10/19 |
| 33) 4-Chloro-3-methylphenol    | 11.56 | 107 | 527229  | 20.189 ng/ul   | 99          |
| 34) 2-Methylnaphthalene        | 11.93 | 142 | 1184020 | 20.123 ng/ul   | 100         |

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|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.15 | 142  | 1121375  | 19.412 | ng/ul | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.30 | 216  | 582717   | 20.177 | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.29 | 237  | 220112   | 16.356 | ng/ul | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.56 | 196  | 377873   | 20.085 | ng/ul | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.63 | 196  | 400841   | 20.041 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 12.96 | 154  | 1513600  | 20.232 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.00 | 162  | 1166018  | 20.369 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.22 | 65   | 320712   | 21.555 | ng/ul | 98       |
| 45) Dimethylphthalate          | 13.61 | 163  | 1382136  | 19.625 | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 13.73 | 165  | 283184   | 20.552 | ng/ul | 98       |
| 48) Acenaphthylene             | 13.86 | 152  | 1770502  | 20.765 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.06 | 138  | 269736   | 20.933 | ng/ul | 98       |
| 50) Acenaphthene               | 14.20 | 153  | 1234877  | 20.386 | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.28 | 184  | 178849   | 24.350 | ng/ul | 95       |
| 53) 4-Nitrophenol              | 14.39 | 109  | 186081   | 20.878 | ng/ul | 97       |
| 54) Dibenzofuran               | 14.55 | 168  | 1731917  | 20.208 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.53 | 165  | 417781   | 20.846 | ng/ul | 95       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.78 | 232  | 349423   | 19.832 | ng/ul | 98       |
| 57) Diethylphthalate           | 14.99 | 149  | 1358563  | 19.278 | ng/ul | 99       |
| 59) Fluorene                   | 15.20 | 166  | 1402289  | 20.288 | ng/ul | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.20 | 204  | 677530   | 19.457 | ng/ul | 99       |
| 61) 4-Nitroaniline             | 15.23 | 138  | 298811   | 20.557 | ng/ul | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.30 | 198  | 234211   | 18.115 | ng/ul | 99       |
| 65) N-Nitrosodiphenylamine     | 15.42 | 169  | 1215098  | 20.007 | ng/ul | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.09 | 248  | 443111   | 18.952 | ng/ul | 98       |
| 67) Hexachlorobenzene          | 16.20 | 284  | 527900   | 19.480 | ng/ul | 98       |
| 68) Atrazine                   | 16.38 | 200  | 404599   | 19.003 | ng/ul | 98       |
| 69) Pentachlorophenol          | 16.56 | 266  | 287778   | 18.740 | ng/ul | 98       |
| 70) Phenanthrene               | 16.94 | 178  | 2204837  | 20.351 | ng/ul | 100      |
| 72) Anthracene                 | 17.03 | 178  | 2243156  | 20.393 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.92 | 216  | 573996   | 19.900 | ng/uL | 99       |
| 74) Pentachlorobenzene         | 14.47 | 250  | 600044   | 19.346 | ng/uL | 99       |
| 75) Carbazole                  | 17.30 | 167  | 2026633  | 21.278 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 17.89 | 149  | 2190798  | 18.498 | ng/ul | 100      |
| 77) Fluoranthene               | 18.96 | 202  | 2522202  | 21.708 | ng/ul | 100      |
| 80) Pyrene                     | 19.33 | 202  | 2627721  | 19.879 | ng/ul | 100      |
| 81) Butylbenzylphthalate       | 20.26 | 149  | 1040853  | 18.534 | ng/ul | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.03 | 252  | 867474   | 17.488 | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.09 | 228  | 2674303  | 20.394 | ng/ul | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.04 | 149  | 1465000  | 17.552 | ng/ul | 99       |
| 85) Chrysene                   | 21.14 | 228  | 2501733  | 20.315 | ng/ul | 99       |
| 87) Di-n-octyl phthalate       | 21.90 | 149  | 2529890  | 18.138 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.62 | 252  | 2939333  | 19.925 | ng/ul | 100      |
| 89) Benzo(k)fluoranthene       | 22.66 | 252  | 2838214  | 20.268 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.16 | 252  | 2815897  | 20.188 | ng/ul | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.37 | 276  | 3497900  | 20.196 | ng/ul | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.38 | 278  | 2944124  | 20.238 | ng/ul | 99       |
| 94) Benzo(g,h,i)perylene       | 26.01 | 276  | 2899806  | 19.992 | ng/ul | 100      |

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