

Quantitation Report (QT Reviewed)

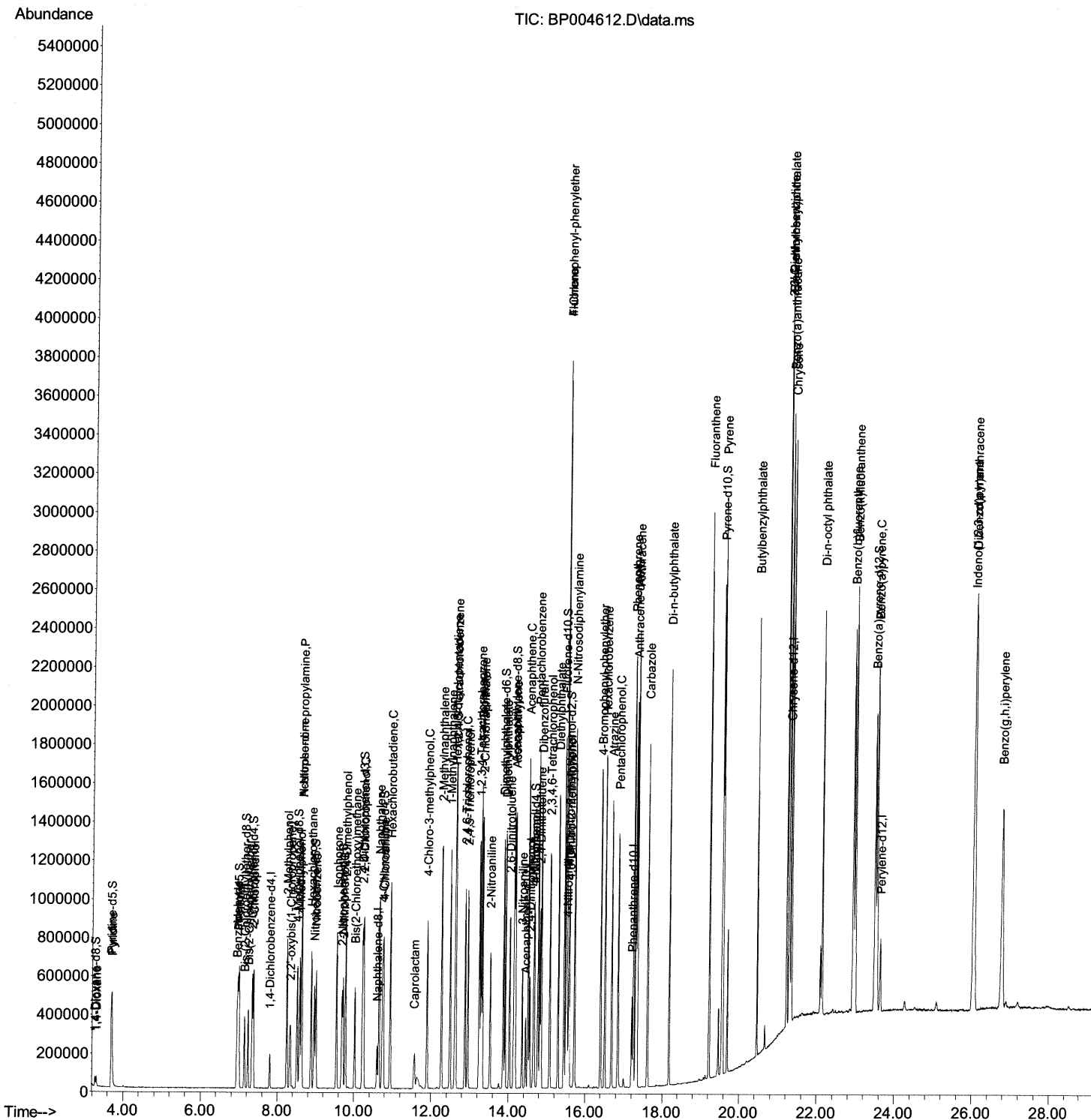
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012221\  
Data File : BP004612.D  
Acq On    : 22 Jan 2021  13:59  
Operator  : CG/JU  
Sample    : SSTD08001  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
```

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTD080001

## Manual Integrations APPROVED

mohammad  
1/25/2021 11:29:41 AM

Quant Time: Jan 22 14:37:35 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP012221.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 22 13:31:31 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

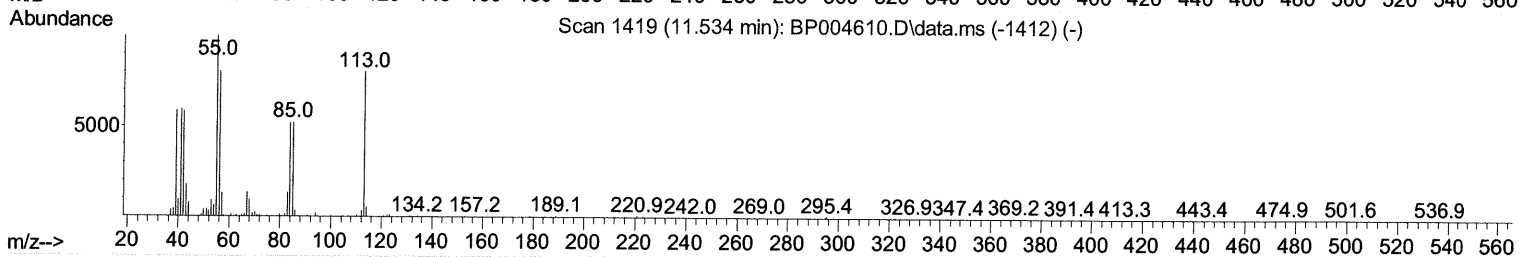
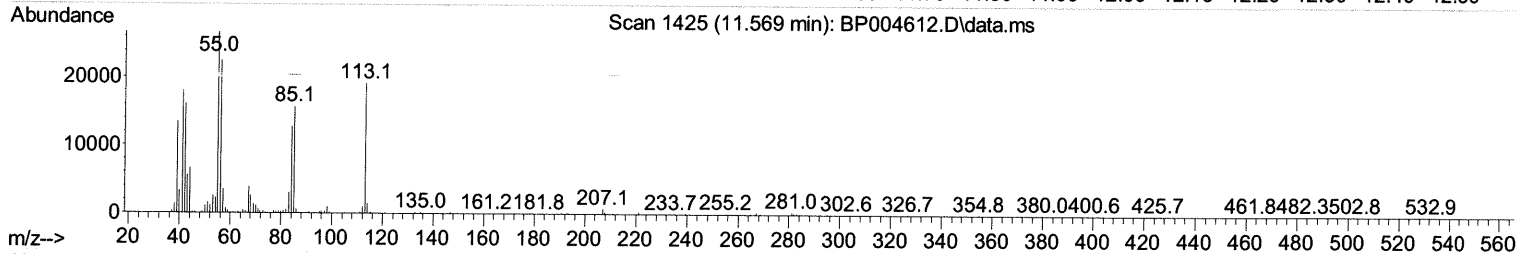
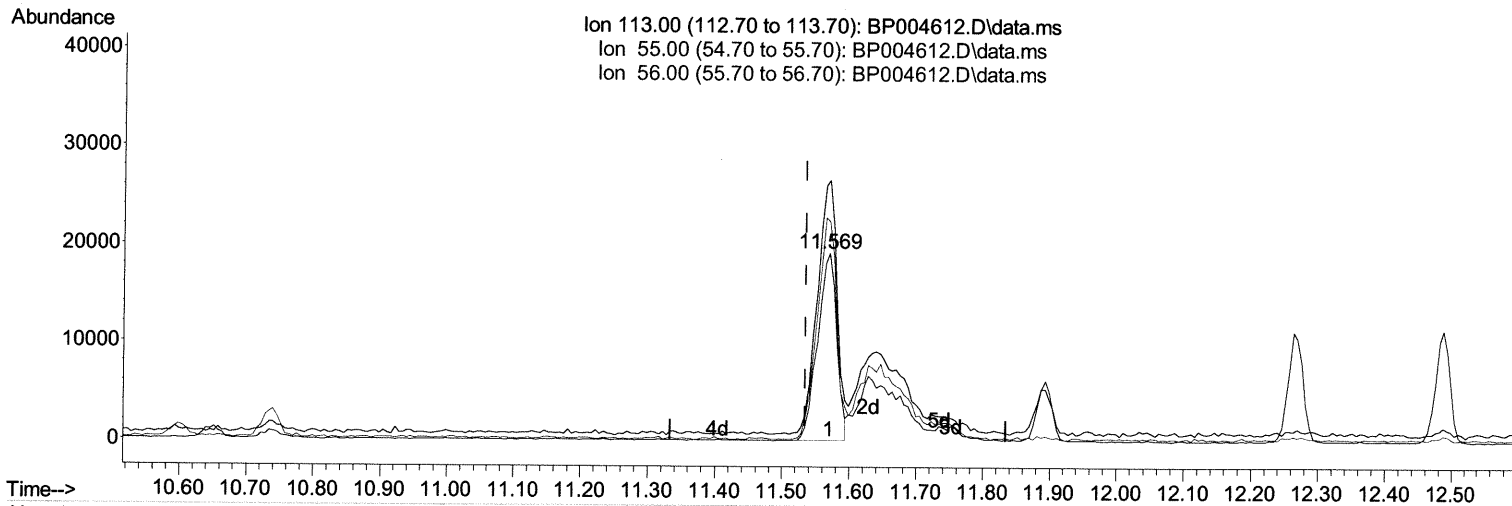
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TIC: BP004612.D\data.ms

(34) Caprolactam

11.569min (+ 0.035) 42.51 ng/ul

response 37754

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 140.10 | 138.83 |
| 56.00  | 102.40 | 117.04 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

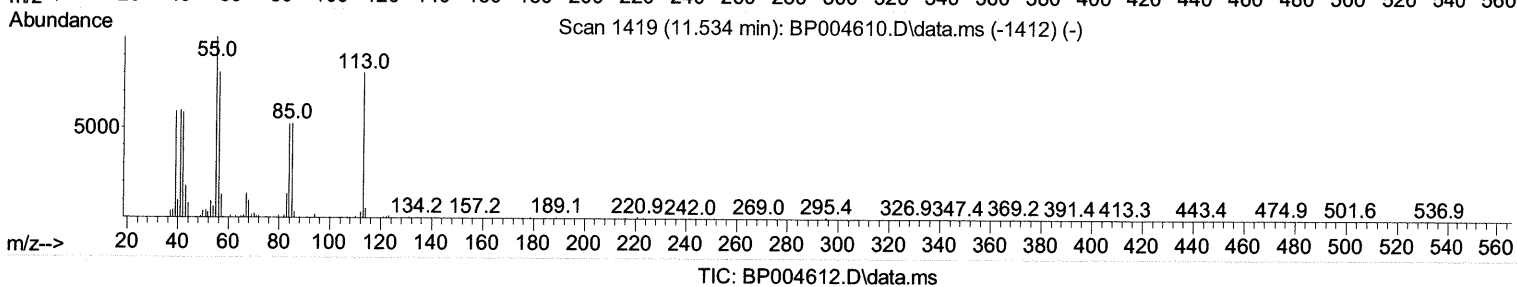
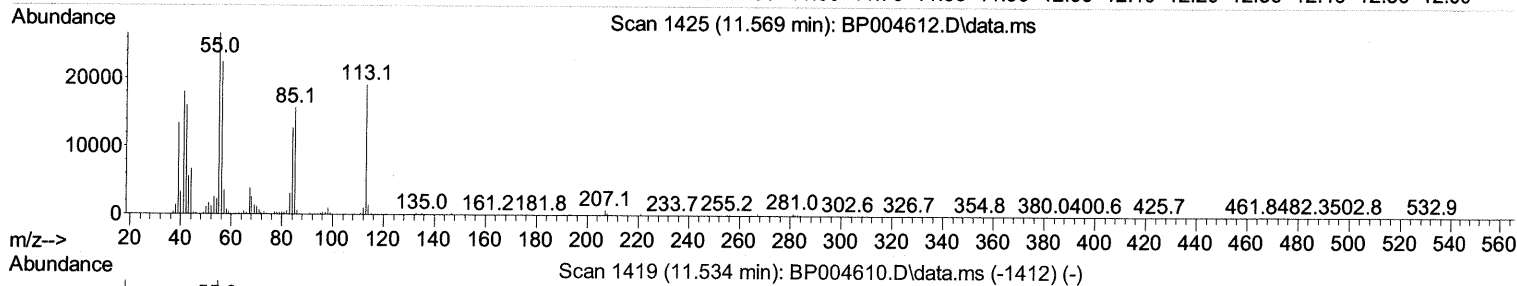
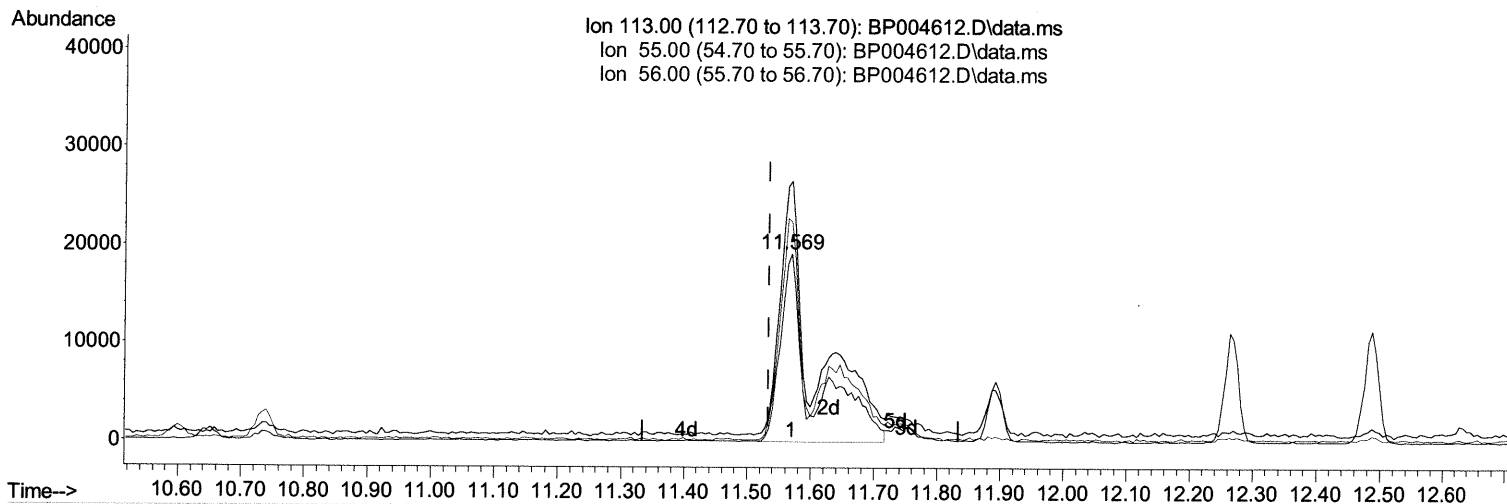
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 Data File : BP004612.D  
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 Operator : CG/JU  
 Sample : SST08001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST080001

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TIC: BP004612.D\data.ms

## (34) Caprolactam

11.569min (+ 0.035) 75.54 ng/ul m 02/08/21 JU

response 67092

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 140.10 | 138.83 |
| 56.00  | 102.40 | 117.04 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012221\  
 Data File : BP004612.D  
 Acq On : 22 Jan 2021 13:59  
 Operator : CG/JU  
 Sample : SST08001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampled :  
 SST080001

Manual Integrations  
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 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| -----                     |        |      |          |       |       |          |
| Internal Standards        |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.799  | 152  | 42492    | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.599 | 136  | 157395   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.451 | 164  | 124582   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.210 | 188  | 288940   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.292 | 240  | 290373   | 20.00 | ng/ul | # 0.00   |
| 88) Perylene-d12          | 23.627 | 264  | 285351   | 20.00 | ng/ul | 0.00     |

|                               |        |     |         |        |       |      |
|-------------------------------|--------|-----|---------|--------|-------|------|
| System Monitoring Compounds   |        |     |         |        |       |      |
| 3) 1,4-Dioxane-d8             | 3.276  | 96  | 26445   | 21.76  | ng/uL | 0.00 |
| 4) Pyridine-d5                | 3.693  | 84  | 204158  | 61.91  | ng/ul | 0.00 |
| 7) Phenol-d5                  | 6.969  | 99  | 267051  | 70.06  | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67  | 147679  | 70.80  | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4         | 7.334  | 132 | 204430  | 70.37  | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8         | 8.516  | 113 | 216031  | 73.60  | ng/ul | 0.01 |
| 21) Nitrobenzene-d5           | 8.963  | 128 | 102125  | 83.55  | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4          | 9.681  | 143 | 130237  | 97.82  | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165 | 278201  | 109.58 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4        | 10.740 | 131 | 287117  | 78.24  | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6      | 13.869 | 166 | 823193  | 86.31  | ng/ul | 0.00 |
| 49) Acenaphthylene-d8         | 14.146 | 160 | 955660  | 84.80  | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4          | 14.657 | 143 | 127870  | 81.18  | ng/ul | 0.02 |
| 60) Fluorene-d10              | 15.451 | 176 | 729630  | 89.58  | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 200 | 170571  | 100.22 | ng/ul | 0.01 |
| 73) Anthracene-d10            | 17.310 | 188 | 1160876 | 84.61  | ng/ul | 0.00 |
| 81) Pyrene-d10                | 19.545 | 212 | 1323726 | 87.88  | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12        | 23.480 | 264 | 1299536 | 83.78  | ng/ul | 0.01 |

|                               |        |     |        |        |         |             |
|-------------------------------|--------|-----|--------|--------|---------|-------------|
| Target Compounds              |        |     |        | Qvalue |         |             |
| 2) 1,4-Dioxane                | 3.311  | 88  | 28669  | 22.18  | ng/ul#  | 85          |
| 5) Pyridine                   | 3.711  | 79  | 204304 | 61.60  | ng/ul   | 93          |
| 6) Benzaldehyde               | 6.946  | 77  | 123932 | 59.47  | ng/ul   | 93          |
| 8) Phenol                     | 6.999  | 94  | 275318 | 68.26  | ng/ul   | 97          |
| 10) Bis(2-Chloroethyl)ether   | 7.234  | 93  | 204590 | 65.56  | ng/ul   | 96          |
| 12) 2-Chlorophenol            | 7.369  | 128 | 207447 | 67.72  | ng/ul   | 99          |
| 13) 2-Methylphenol            | 8.246  | 108 | 212071 | 70.24  | ng/ul   | 98          |
| 14) 2,2'-oxybis(1-Chloropr... | 8.334  | 45  | 201918 | 56.41  | ng/ul   | 98          |
| 16) Acetophenone              | 8.628  | 105 | 354215 | 74.72  | ng/ul   | 99          |
| 17) N-Nitroso-di-n-propyla... | 8.628  | 70  | 189815 | 86.16  | ng/ul   | 98          |
| 18) 4-Methylphenol            | 8.581  | 108 | 224925 | 69.55  | ng/ul   | 93          |
| 19) Hexachloroethane          | 8.881  | 117 | 101656 | 82.19  | ng/ul   | 96          |
| 22) Nitrobenzene              | 9.005  | 77  | 300504 | 102.15 | ng/ul   | 100         |
| 23) Isophorone                | 9.546  | 82  | 536568 | 95.13  | ng/ul   | 99          |
| 25) 2-Nitrophenol             | 9.716  | 139 | 128669 | 86.24  | ng/ul   | 97          |
| 26) 2,4-Dimethylphenol        | 9.775  | 107 | 280208 | 93.17  | ng/ul   | 97          |
| 27) Bis(2-Chloroethoxy)met... | 10.022 | 93  | 282393 | 78.79  | ng/ul   | 96          |
| 29) 2,4-Dichlorophenol        | 10.246 | 162 | 263863 | 103.85 | ng/ul   | 97          |
| 30) Naphthalene               | 10.652 | 128 | 690317 | 78.27  | ng/ul   | 98          |
| 32) 4-Chloroaniline           | 10.763 | 127 | 277712 | 74.80  | ng/ul   | 99          |
| 33) Hexachlorobutadiene       | 10.940 | 225 | 228459 | 139.02 | ng/ul   | 98          |
| 34) Caprolactam               | 11.569 | 113 | 67092m | 75.54  | ng/ul > | 02/08/21 Ju |
| 35) 4-Chloro-3-methylphenol   | 11.893 | 107 | 254181 | 95.51  | ng/ul   | 99          |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.269 | 142  | 550048   | 89.15  | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.487 | 142  | 522794   | 84.84  | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.634 | 216  | 406603   | 98.32  | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.616 | 237  | 308134   | 206.58 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.875 | 196  | 249227   | 100.65 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.946 | 196  | 262272   | 101.08 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.287 | 154  | 770399   | 75.66  | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.322 | 162  | 643073   | 81.34  | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.528 | 65   | 180342   | 90.62  | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.922 | 163  | 823435   | 84.30  | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.034 | 165  | 172991   | 92.43  | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.175 | 152  | 912700   | 77.33  | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.357 | 138  | 121276   | 58.09  | ng/ul  | 98       |
| 52) Acenaphthene              | 14.516 | 153  | 644795   | 76.31  | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.557 | 184  | 120012   | 134.75 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.675 | 109  | 158499   | 136.97 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.857 | 168  | 966501   | 81.18  | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.816 | 165  | 241481   | 88.82  | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.081 | 232  | 260993   | 123.15 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.293 | 149  | 795559   | 82.65  | ng/ul  | 98       |
| 61) Fluorene                  | 15.504 | 166  | 852818   | 88.27  | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 500030   | 103.35 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.528 | 138  | 115416   | 55.91  | ng/ul  | 89       |
| 66) 4,6-Dinitro-2-methylph... | 15.587 | 198  | 178304   | 100.38 | ng/ul# | 98       |
| 67) N-Nitrosodiphenylamine    | 15.716 | 169  | 687038   | 74.58  | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.404 | 248  | 321088   | 99.61  | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.510 | 284  | 364827   | 97.85  | ng/ul  | 98       |
| 70) Atrazine                  | 16.681 | 200  | 314175   | 92.10  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.851 | 266  | 230194   | 145.41 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.251 | 178  | 1337532  | 80.01  | ng/ul  | 99       |
| 74) Anthracene                | 17.345 | 178  | 1366414  | 80.10  | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 17.246 | 216  | 398532   | 86.14  | ng/ul  | 98       |
| 76) Pentachlorobenzene        | 17.769 | 250  | 423971   | 90.22  | ng/ul  | 98       |
| 77) Carbazole                 | 17.616 | 167  | 1098021  | 72.01  | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.181 | 149  | 1332326  | 76.89  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.222 | 202  | 1707142  | 90.34  | ng/ul  | 100      |
| 82) Pyrene                    | 19.575 | 202  | 1686683  | 85.34  | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.457 | 149  | 566241   | 73.13  | ng/ul  | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.216 | 252  | 577503   | 84.69  | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.280 | 228  | 1592623  | 83.48  | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.222 | 149  | 834210   | 71.95  | ng/ul# | 98       |
| 87) Chrysene                  | 21.333 | 228  | 1520726  | 81.88  | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.127 | 149  | 1302955  | 67.74  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.922 | 252  | 1563432  | 83.87  | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.974 | 252  | 1562604  | 82.51  | ng/ul  | 100      |
| 93) Benzo(a)pyrene            | 23.533 | 252  | 1442380  | 85.49  | ng/ul  | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.045 | 276  | 1831521  | 83.37  | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.057 | 278  | 1568278  | 85.78  | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 26.774 | 276  | 1511067  | 83.45  | ng/ul  | 99       |

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