Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030515.D
Acq On : 22 Jun 2021 14:29
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 22 15:04:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD160106

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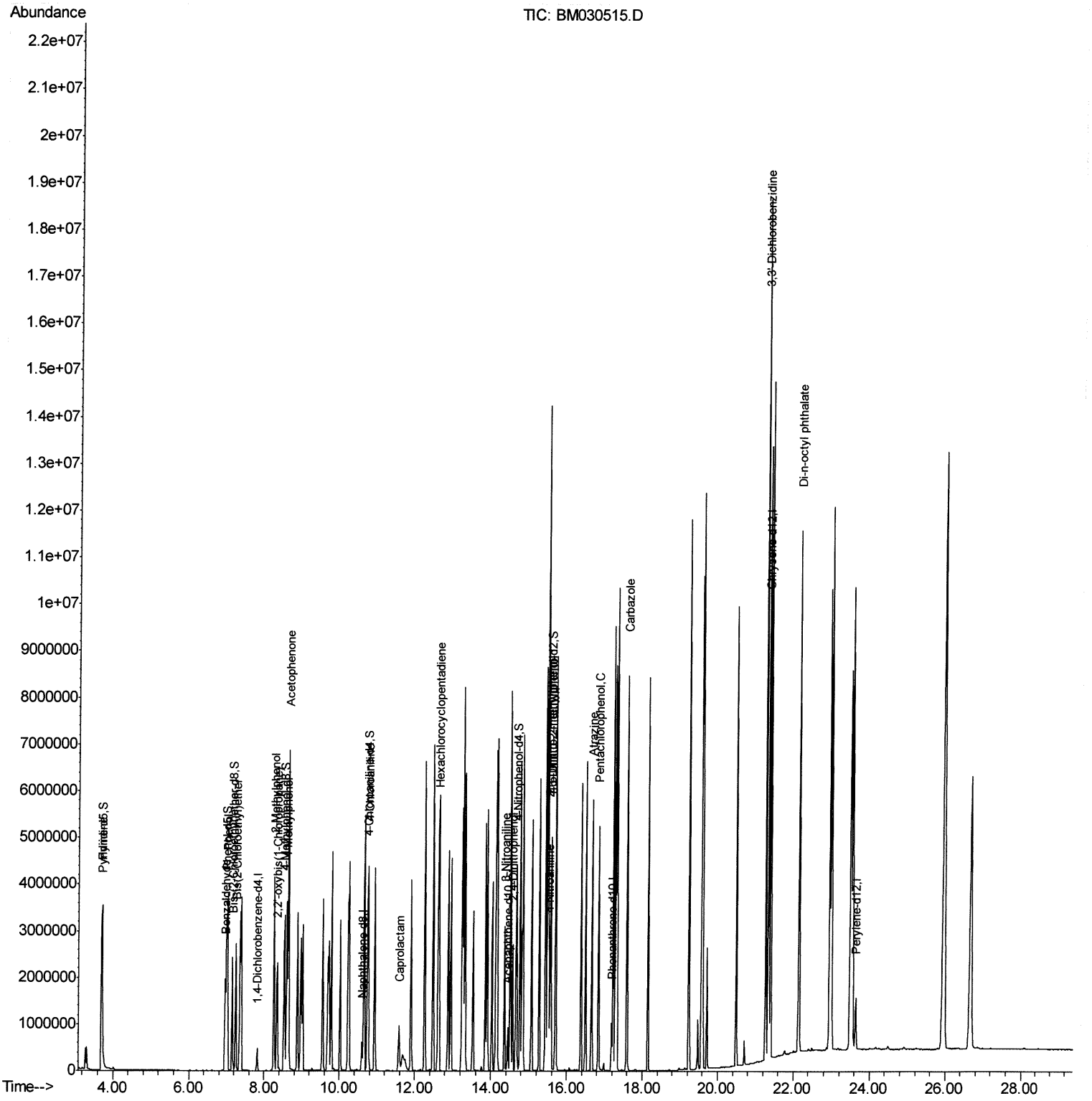
6/23/2021 4:47:01 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030515.D
Acq On : 22 Jun 2021 14:29
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 22 15:00:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
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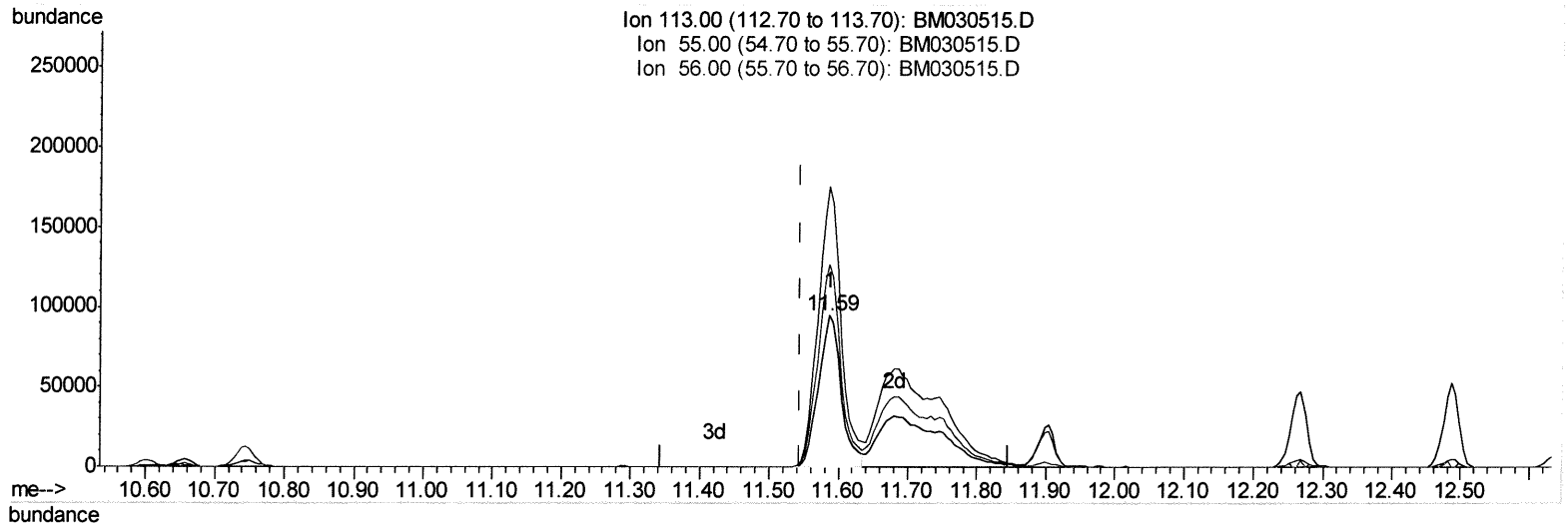


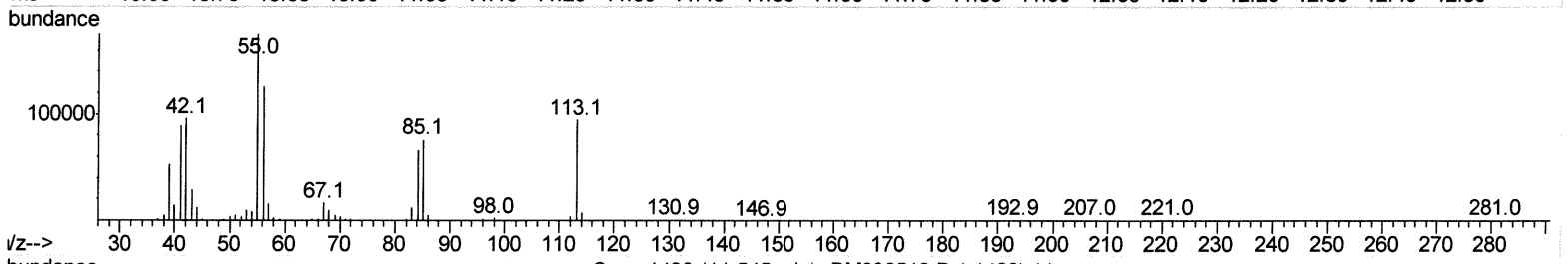


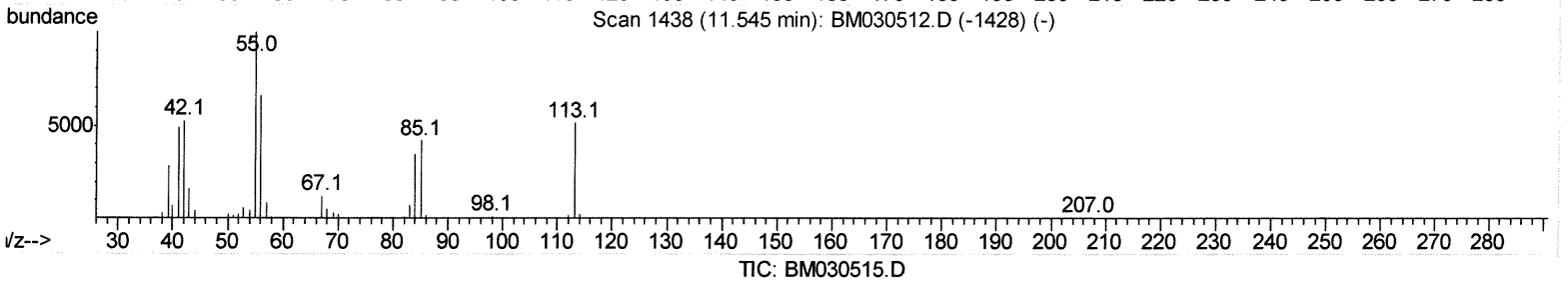


(34) Caprolactam

11.586min (+0.041) 91.82ng/ul

response 215729

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 194.00 | 185.08 |
| 56.00 | 127.40 | 133.58 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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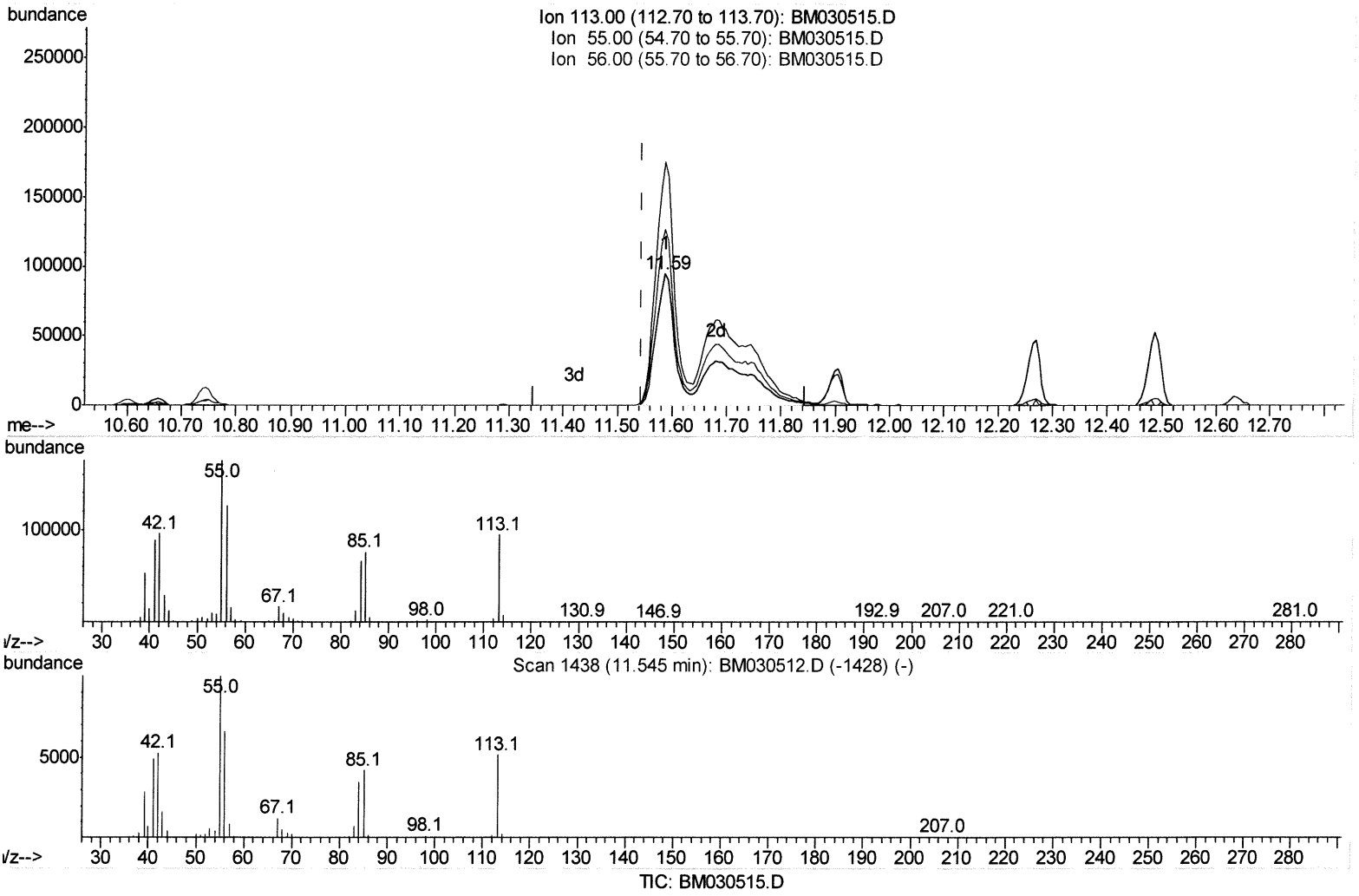
**Manual Integrations APPROVED**
mohammad
6/23/2021 4:47:01 PM



TIC: BM030515.D

(34) Caprolactam

11.586min (+0.041) 179.86ng/ul m JG 6/23/21

response 422562

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 194.00 | 185.08 |
| 56.00 | 127.40 | 133.58 |
| 0.00 | 0.00 | 0.00 |

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**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 127168 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.60 | 136 | 508812 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.44 | 164 | 313754 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.19 | 188 | 622713 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.36 | 240 | 695245 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.63 | 264 | 725679 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 4) Pyridine-d5 | 3.69 | 84 | 1526241 | 174.41 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.99 | 99 | 1866312 | 168.86 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 1110105 | 155.62 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.53 | 113 | 1432356 | 162.27 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 0.00 | 128 | 0d | 0.00 | ng/ul | |
| 24) 2-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0d | 0.00 | ng/ul | |
| 31) 4-Chloroaniline-d4 | 10.75 | 131 | 1916307 | 166.36 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 49) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 54) 4-Nitrophenol-d4 | 14.67 | 143 | 774457 | 192.16 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 781339 | 217.37 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 81) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 92) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Pyridine | 3.71 | 79 | 1559649 | 168.821 | ng/ul | 98 |
| 6) Benzaldehyde | 6.96 | 77 | 634234 | 122.441 | ng/ul | 96 |
| 8) Phenol | 7.02 | 94 | 1881502 | 168.077 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.25 | 93 | 1421925 | 157.337 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.26 | 108 | 1355021 | 162.781 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.35 | 45 | 2162416 | 148.548 | ng/ul | 99 |
| 16) Acetophenone | 8.65 | 105 | 2193327 | 157.153 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.60 | 108 | 1460450 | 159.110 | ng/ul | 96 |
| 32) 4-Chloroaniline | 10.77 | 127 | 1902964 | 165.050 | ng/ul | 100 |
| 34) Caprolactam | 11.59 | 113 | 422562m | 179.857 | ng/ul | JG 6/23/21 |
| 40) Hexachlorocyclopentadiene | 12.62 | 237 | 1146962 | 198.996 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.36 | 138 | 774281 | 180.170 | ng/ul | 94 |
| 53) 2,4-Dinitrophenol | 14.57 | 184 | 578260 | 229.890 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.68 | 109 | 608223 | 192.621 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.53 | 138 | 717302 | 178.259 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylphenol | 15.59 | 198 | 756131 | 212.148 | ng/ul# | 93 |
| 70) Atrazine | 16.66 | 200 | 1140578 | 173.251 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.84 | 266 | 876755 | 207.826 | ng/ul | 98 |
| 77) Carbazole | 17.59 | 167 | 5304279 | 175.747 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.27 | 252 | 2324859 | 184.909 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.15 | 149 | 7111292 | 152.145 | ng/ul | 100 |

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SSTD160106

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6/23/2021 4:47:01 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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