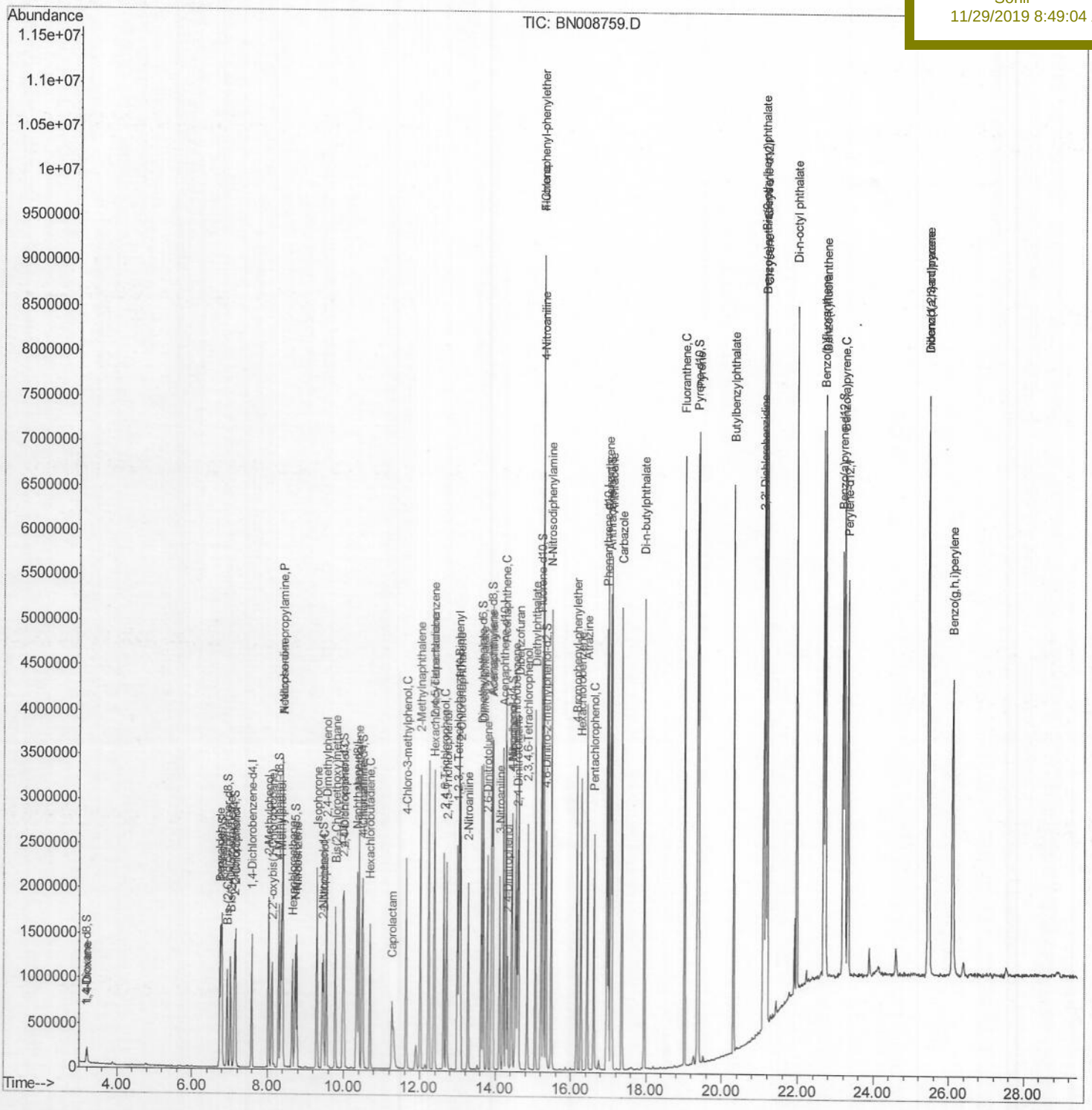
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112719\
Data File : BN008759.D
Acq On : 27 Nov 2019 16:08
Operator : JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 27 16:43:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 15:51:44 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SICV59

**Manual Integrations APPROVED**
Sohil
11/29/2019 8:49:04 AM



Quantitation Report (Qedit)

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Quant Time: Nov 27 16:42:12 2019
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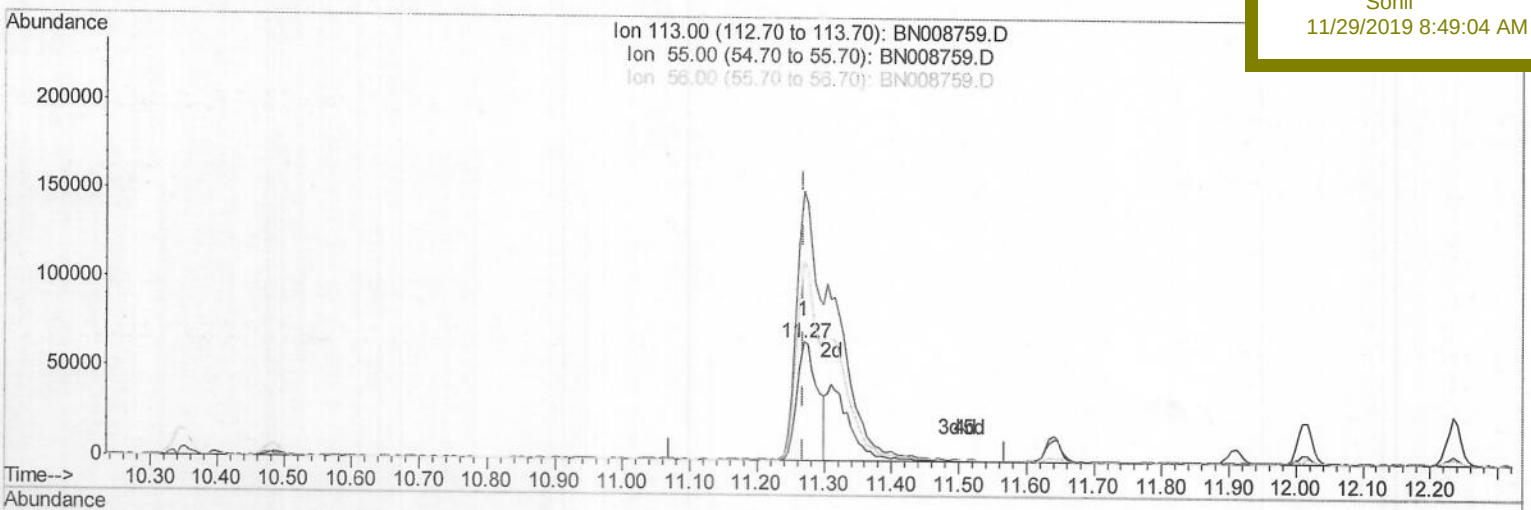


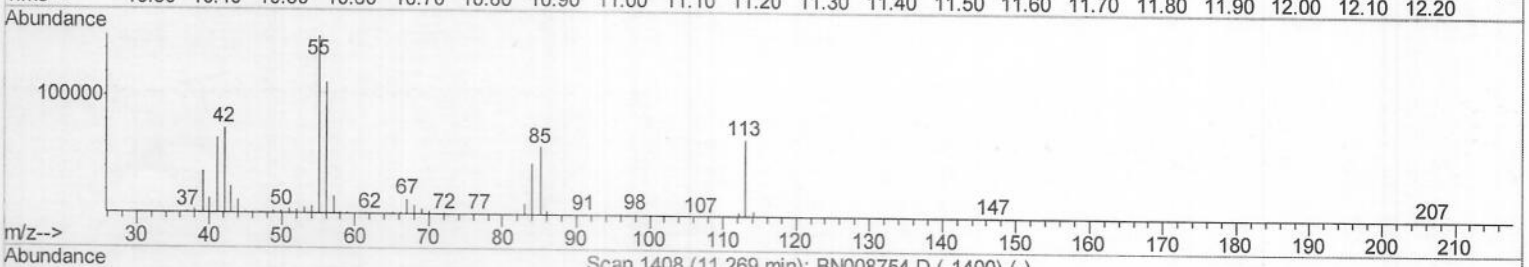


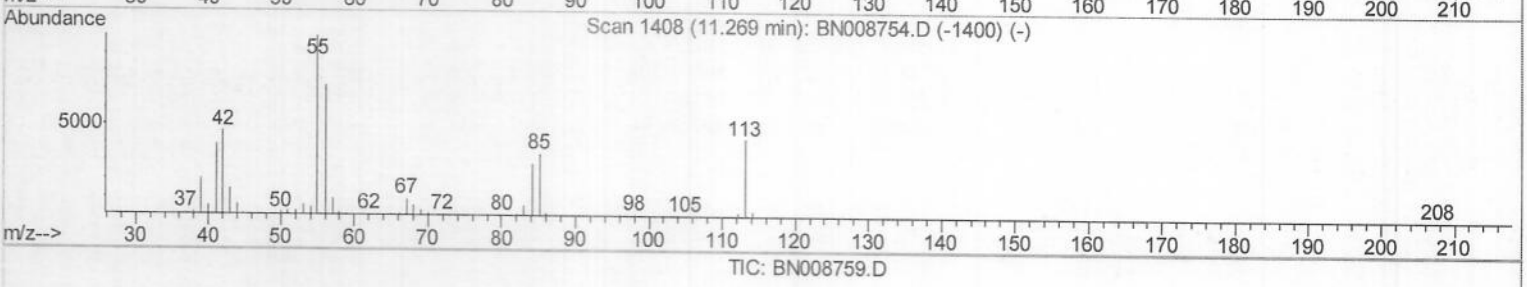


TIC: BN008759.D

(32) Caprolactam

11.269min (0.000) 12.07ng/ul

response 138834

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 232.90 | 229.78 |
| 56.00 | 168.90 | 170.51 |
| 0.00 | 0.00 | 0.00 |

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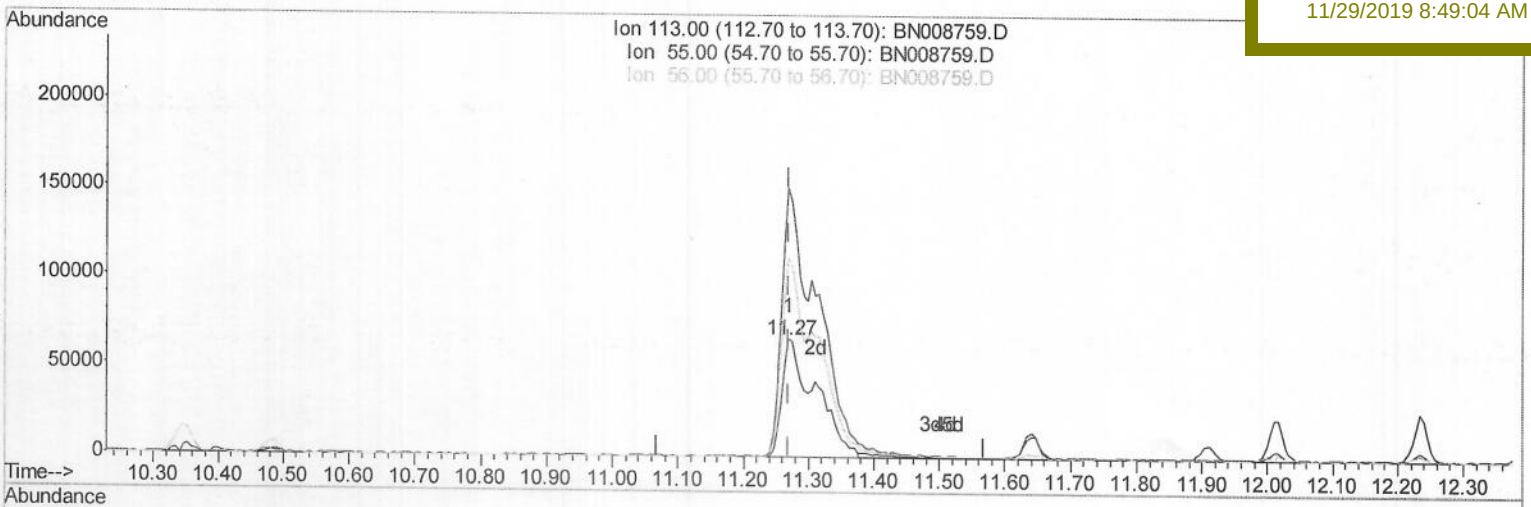
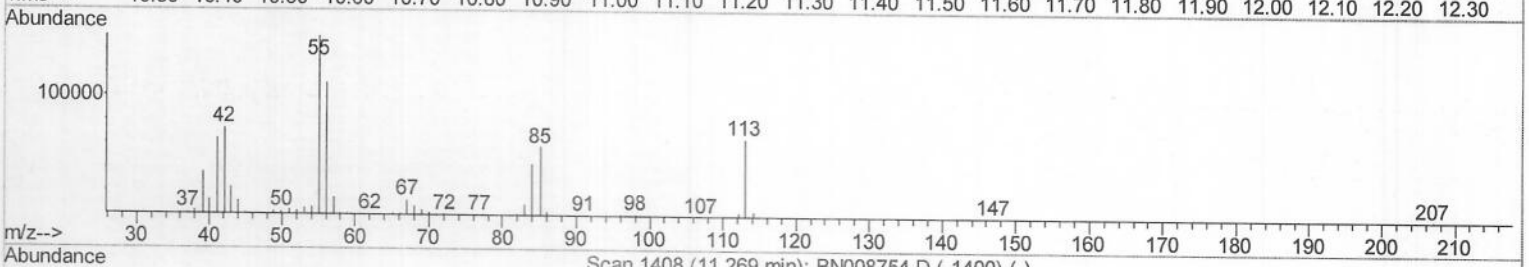
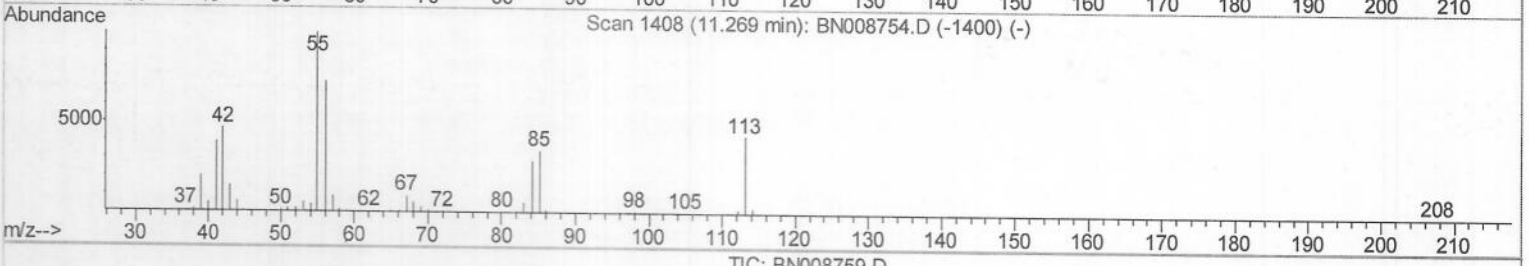
**Instrument :**
BNA_N
**ClientSampleId :**
SICV59

**Manual Integrations APPROVED**
Sohil
11/29/2019 8:49:04 AM




TIC: BN008759.D

(32) Caprolactam

11.269min (0.000) 20.42ng/ul m > JU 11/29/19

response 234835

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 232.90 | 229.78 |
| 56.00 | 168.90 | 170.51 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :** BNA_N
**ClientSampleId :** SICV59

**Manual Integrations APPROVED**
Sohil
11/29/2019 8:49:04 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 364348 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1686262 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 1200527 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.96 | 188 | 2693729 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.16 | 240 | 2531472 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.32 | 264 | 2853647 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 71069 | 8.53 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 769065 | 20.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 487919 | 21.16 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 553510 | 21.23 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 619776 | 20.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.72 | 128 | 287305 | 22.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.44 | 143 | 312069 | 22.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 600616 | 21.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.48 | 131 | 831965 | 23.39 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.63 | 166 | 2068501 | 21.63 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.90 | 160 | 2329821 | 22.05 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.42 | 143 | 409230 | 21.10 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.21 | 176 | 1739686 | 21.53 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 325450 | 20.91 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.06 | 188 | 2750525 | 21.57 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.36 | 212 | 3169709 | 22.44 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.19 | 264 | 3320339 | 22.30 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 76569 | 8.405 | ng/uL | 98 |
| 4) Benzaldehyde | 6.74 | 77 | 507209 | 25.595 | ng/ul | 98 |
| 6) Phenol | 6.80 | 94 | 789405 | 20.358 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.02 | 93 | 600613 | 21.009 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.16 | 128 | 570894 | 21.355 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.03 | 108 | 588982 | 20.448 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 1202631 | 21.652 | ng/ul | 100 |
| 14) Acetophenone | 8.40 | 105 | 979680 | 21.055 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.39 | 70 | 528634 | 21.127 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.36 | 108 | 665627 | 20.649 | ng/ul | 100 |
| 17) Hexachloroethane | 8.65 | 117 | 218663 | 21.107 | ng/ul | 91 |
| 20) Nitrobenzene | 8.76 | 77 | 733150 | 21.559 | ng/ul | 99 |
| 21) Isophorone | 9.29 | 82 | 1475442 | 21.448 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.47 | 139 | 335728 | 22.116 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.55 | 107 | 738544 | 21.468 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 895829 | 21.450 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.00 | 162 | 600625 | 21.882 | ng/ul | 96 |
| 28) Naphthalene | 10.40 | 128 | 1948008 | 21.458 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.50 | 127 | 853914 | 23.675 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.69 | 225 | 329044 | 21.494 | ng/ul | 99 |
| 32) Caprolactam | 11.27 | 113 | 234835m | 20.417 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.64 | 107 | 748611 | 21.401 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 1471976 | 21.461 | ng/ul | 96 |

JU 11/29/19

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Sohil
11/29/2019 8:49:04 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 729748 | 22.335 | ng/ul | 96 |
| 37) Hexachlorocyclopentadiene | 12.37 | 237 | 382415 | 21.108 | ng/ul | 97 |
| 38) 2,4,6-Trichlorophenol | 12.63 | 196 | 507226 | 22.596 | ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 12.70 | 196 | 550791 | 22.232 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.05 | 154 | 1962934 | 21.879 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.07 | 162 | 1489742 | 21.680 | ng/ul | 98 |
| 42) 2-Nitroaniline | 13.28 | 65 | 562721 | 21.979 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.68 | 163 | 2005697 | 21.475 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.79 | 165 | 395601 | 21.985 | ng/ul | 92 |
| 47) Acenaphthylene | 13.93 | 152 | 2400196 | 22.030 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.12 | 138 | 421870 | 21.455 | ng/ul | 96 |
| 49) Acenaphthene | 14.28 | 153 | 1639189 | 21.496 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.32 | 184 | 213432 | 19.167 | ng/ul | 91 |
| 52) 4-Nitrophenol | 14.44 | 109 | 319238 | 21.307 | ng/ul | 94 |
| 53) Dibenzofuran | 14.62 | 168 | 2381414 | 21.397 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.58 | 165 | 607595 | 22.217 | ng/ul | 99 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.85 | 232 | 475012 | 21.578 | ng/ul | 99 |
| 56) Diethylphthalate | 15.06 | 149 | 2057533 | 21.622 | ng/ul | 99 |
| 58) Fluorene | 15.27 | 166 | 1926986 | 21.494 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204 | 946651 | 21.751 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.28 | 138 | 503913 | 21.340 | ng/ul | 100 |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 198 | 345028 | 20.620 | ng/ul | 98 |
| 64) N-Nitrosodiphenylamine | 15.48 | 169 | 1764266 | 22.271 | ng/ul | 97 |
| 65) 4-Bromophenyl-phenylether | 16.16 | 248 | 580402 | 21.709 | ng/ul | 99 |
| 66) Hexachlorobenzene | 16.27 | 284 | 623490 | 21.769 | ng/ul | 99 |
| 67) Atrazine | 16.45 | 200 | 639537 | 22.441 | ng/ul | 98 |
| 68) Pentachlorophenol | 16.62 | 266 | 398245 | 21.118 | ng/ul | 92 |
| 69) Phenanthrene | 17.00 | 178 | 3228198 | 21.830 | ng/ul | 99 |
| 71) Anthracene | 17.09 | 178 | 3292793 | 21.903 | ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 724959 | 22.213 | ng/uL | 99 |
| 73) Pentachlorobenzene | 14.54 | 250 | 743512 | 22.081 | ng/uL | 97 |
| 74) Carbazole | 17.36 | 167 | 3021811 | 22.670 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 17.95 | 149 | 3540165 | 22.076 | ng/ul | 99 |
| 76) Fluoranthene | 19.02 | 202 | 3809322 | 23.554 | ng/ul | 99 |
| 79) Pyrene | 19.39 | 202 | 3906611 | 22.031 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.32 | 149 | 1659881 | 22.215 | ng/ul | 94 |
| 81) 3,3'-Dichlorobenzidine | 21.09 | 252 | 1356284 | 22.155 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.15 | 228 | 3965604 | 22.336 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 2481532 | 22.264 | ng/ul | 100 |
| 84) Chrysene | 21.20 | 228 | 3679057 | 22.157 | ng/ul | 99 |
| 86) Di-n-octyl phthalate | 21.97 | 149 | 4264301 | 26.163 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.69 | 252 | 3833438 | 21.633 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.73 | 252 | 3806566 | 22.755 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.23 | 252 | 3814908 | 22.509 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.46 | 276 | 4307139 | 21.832 | ng/ul | 95 |
| 92) Dibenzo(a,h)anthracene | 25.47 | 278 | 3681936 | 22.131 | ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 26.10 | 276 | 3628109 | 21.653 | ng/ul | 97 |

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