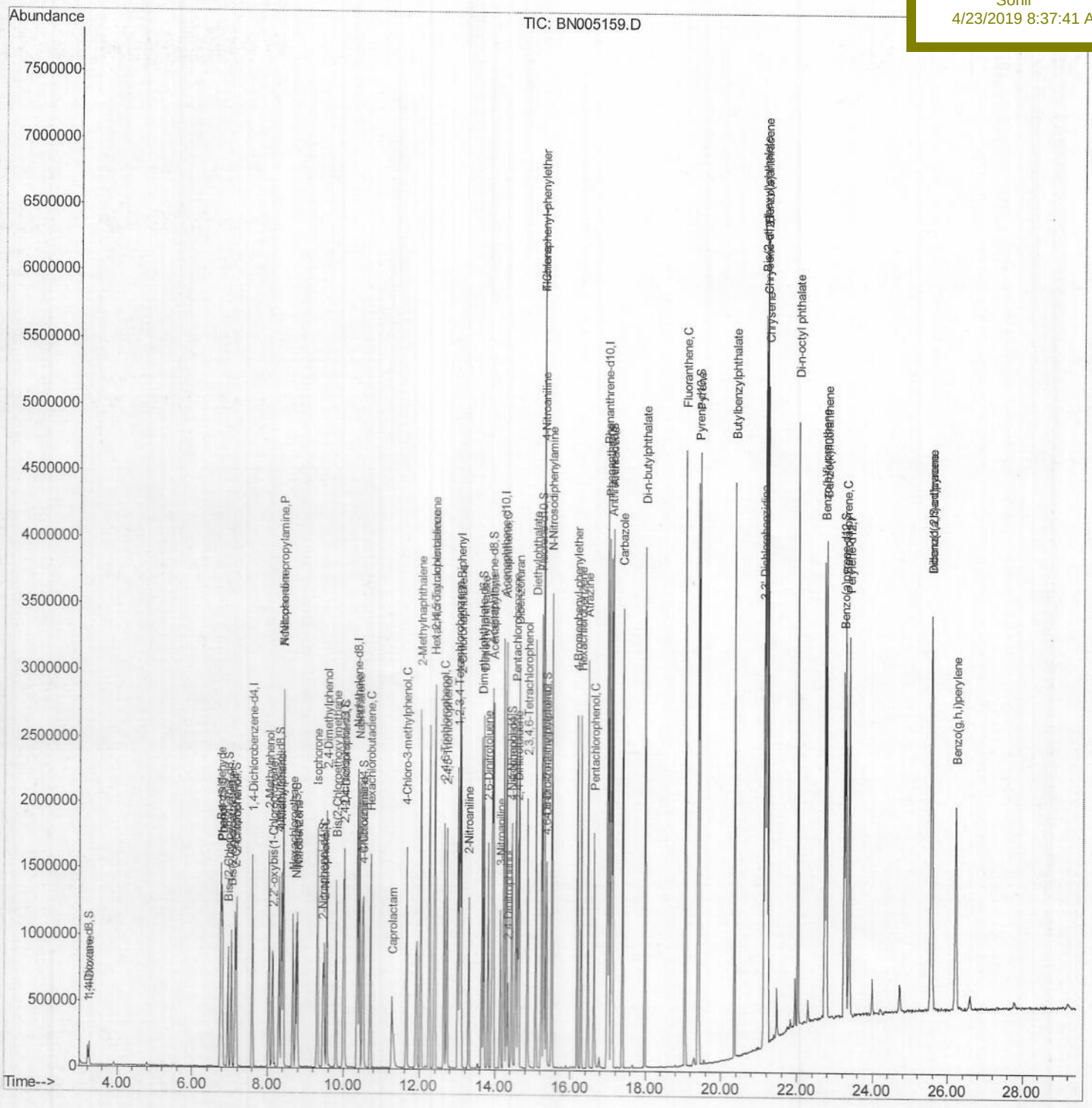
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041919\
Data File : BN005159.D
Acq On : 18 Apr 2019 20:29
Operator : JU/SJ
Sample : SSTD02060
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 19 03:55:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 03:40:10 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD02060

**Manual Integrations APPROVED**
Sohil
4/23/2019 8:37:41 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041919\
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Acq On : 18 Apr 2019 20:29
Operator : JU/SJ
Sample : SSTD02060
Misc :
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Quant Time: Apr 19 03:44:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 03:40:10 2019
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
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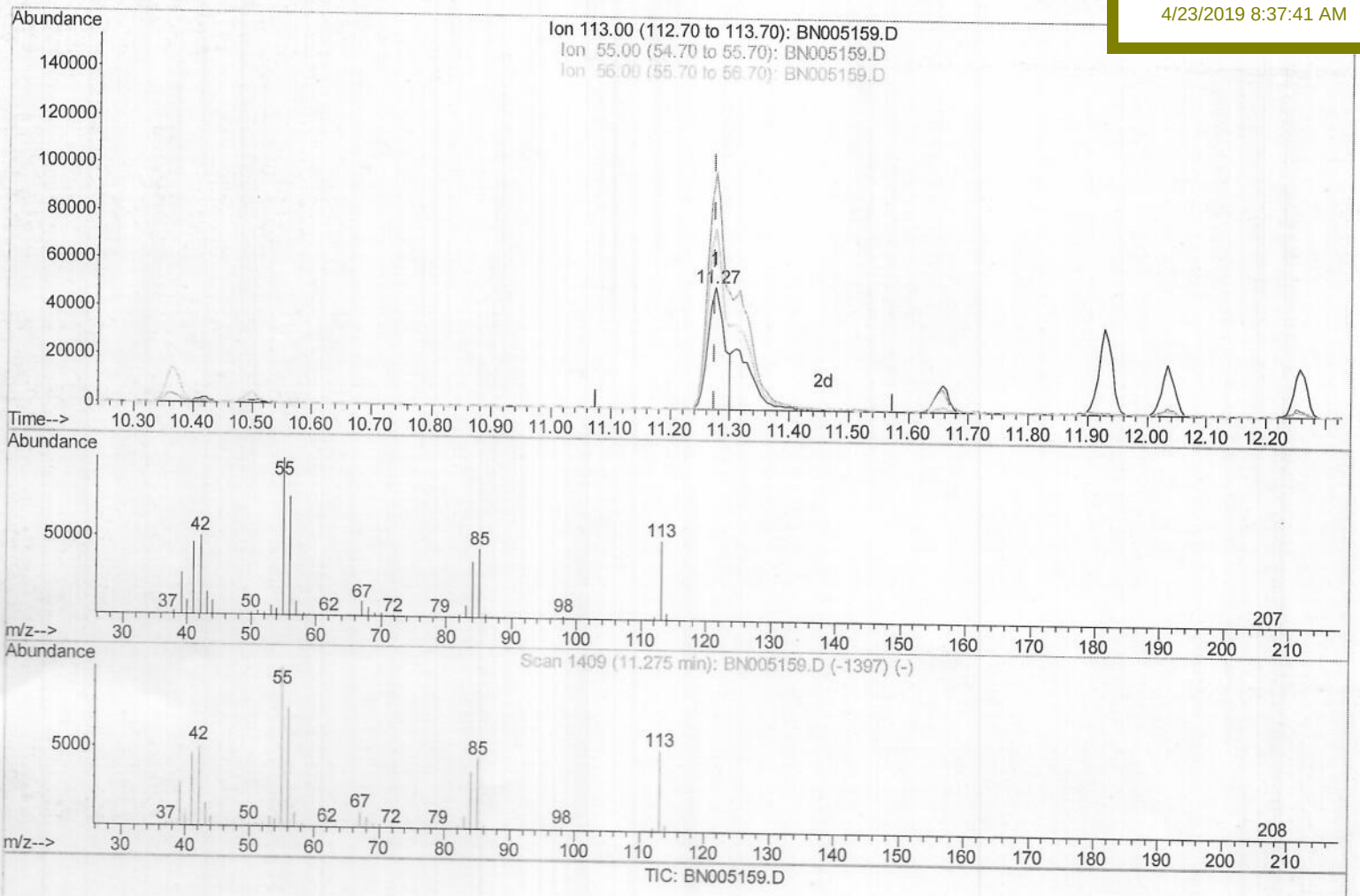
4/23/2019 8:37:41 AM




TIC: BN005159.D

(32) Caprolactam

11.275min (0.000) 13.48ng/ul

response 96572

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 196.20 | 196.25 |
| 56.00 | 148.90 | 148.90 |
| 0.00 | 0.00 | 0.00 |

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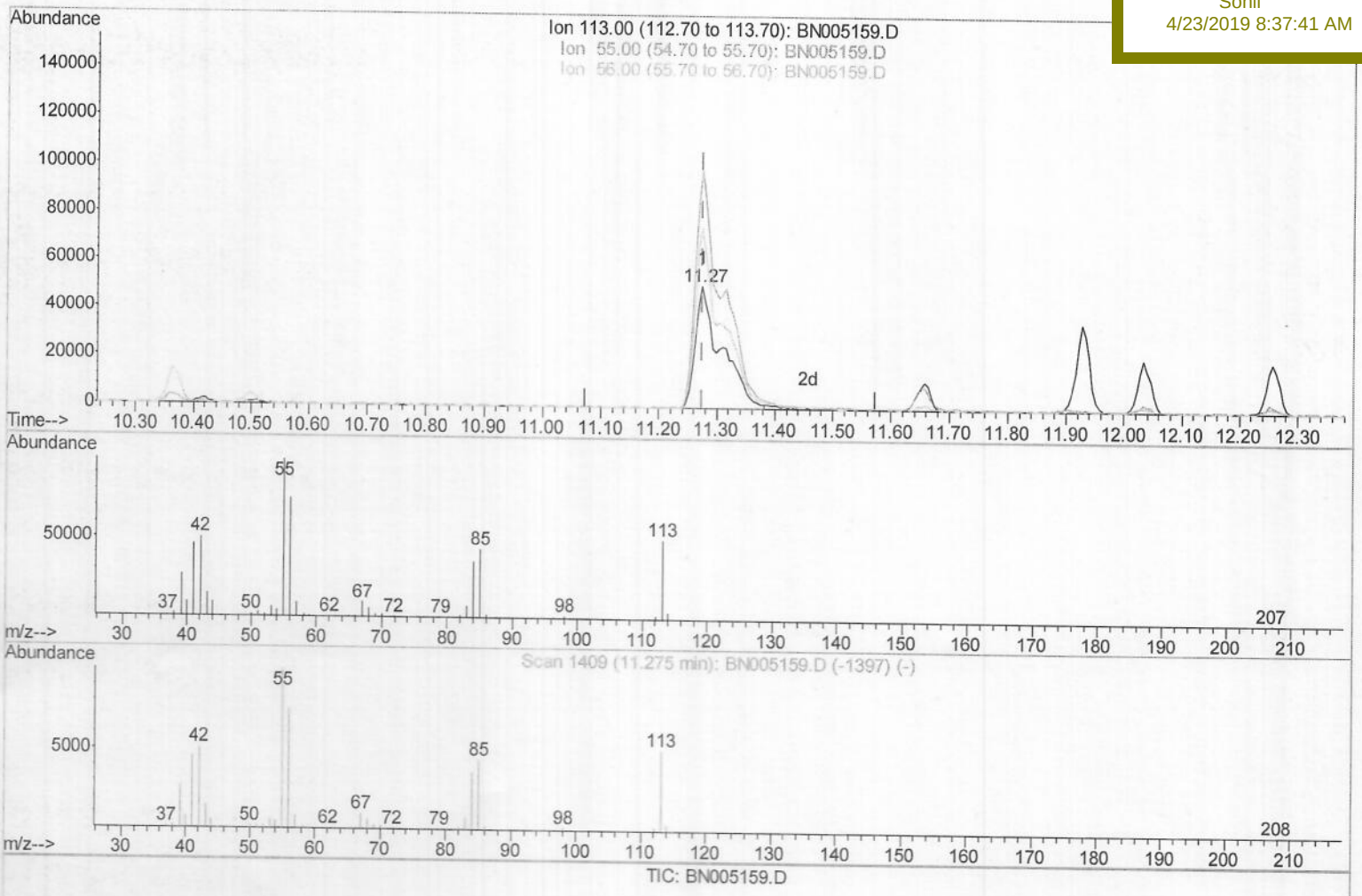
Sohil
4/23/2019 8:37:41 AM




TIC: BN005159.D

(32) Caprolactam

11.275min (0.000) 22.04ng/ul m

response 157974

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 196.20 | 196.25 |
| 56.00 | 148.90 | 148.90 |
| 0.00 | 0.00 | 0.00 |

SJ 04/24/19

Quantitation Report (QT Reviewed)

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Data File : BN005159.D
Acq On : 18 Apr 2019 20:29
Operator : JU/SJ
Sample : SSTD02060
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 19 03:55:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 03:40:10 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD02060

**Manual Integrations APPROVED**
Sohil
4/23/2019 8:37:41 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 390952 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.37 | 136 | 1740779 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.24 | 164 | 1064370 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.99 | 188 | 2419309 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.20 | 240 | 2075727 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.39 | 264 | 1956448 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 64139 | 7.86 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 627997 | 20.83 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 386472 | 20.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.14 | 132 | 471128 | 20.01 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 498179 | 21.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.75 | 128 | 216060 | 22.96 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.46 | 143 | 219251 | 24.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 499854 | 20.35 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.50 | 131 | 500269 | 20.12 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.66 | 166 | 1572837 | 20.18 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.93 | 160 | 1927909 | 19.80 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.43 | 143 | 247802 | 22.76 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.23 | 176 | 1322371 | 20.41 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 190447 | 21.95 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.09 | 188 | 2029904 | 19.95 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 2203146 | 21.08 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.24 | 264 | 1720168 | 20.03 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 69515 | 7.903 | ng/uL | 100 |
| 4) Benzaldehyde | 6.76 | 77 | 447978 | 20.376 | ng/ul | 100 |
| 6) Phenol | 6.81 | 94 | 647733 | 20.808 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.05 | 93 | 509034 | 20.199 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.18 | 128 | 487709 | 20.196 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.04 | 108 | 487263 | 20.847 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.13 | 45 | 874610 | 20.421 | ng/ul | 100 |
| 14) Acetophenone | 8.42 | 105 | 817195 | 21.553 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.41 | 70 | 433223 | 20.938 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.37 | 108 | 536990 | 21.529 | ng/ul | 100 |
| 17) Hexachloroethane | 8.67 | 117 | 206798 | 19.902 | ng/ul | 100 |
| 20) Nitrobenzene | 8.79 | 77 | 589515 | 21.581 | ng/ul | 100 |
| 21) Isophorone | 9.31 | 82 | 1188282 | 19.574 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.49 | 139 | 254031 | 23.841 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 9.56 | 107 | 626339 | 20.081 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.80 | 93 | 729389 | 19.521 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.02 | 162 | 494065 | 20.424 | ng/ul | 100 |
| 28) Naphthalene | 10.42 | 128 | 1613464 | 19.857 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.53 | 127 | 515129 | 20.421 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.71 | 225 | 336613 | 19.354 | ng/ul | 100 |
| 32) Caprolactam | 11.27 | 113 | 157974m | 22.044 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.66 | 107 | 577460 | 21.296 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.03 | 142 | 1197028 | 20.282 | ng/ul | 100 |

SJ
04/24/19

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**Manual Integrations APPROVED**
Sohil
4/23/2019 8:37:41 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.41 | 216 | 645972 | 19.299 | ng/ul | 100 |
| 37) Hexachlorocyclopentadiene | 12.39 | 237 | 410246 | 18.630 | ng/ul | 100 |
| 38) 2,4,6-Trichlorophenol | 12.65 | 196 | 403340 | 20.401 | ng/ul | 100 |
| 39) 2,4,5-Trichlorophenol | 12.72 | 196 | 436124 | 21.165 | ng/ul | 100 |
| 40) 1,1'-Biphenyl | 13.07 | 154 | 1577334 | 19.620 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.10 | 162 | 1208451 | 19.616 | ng/ul | 100 |
| 42) 2-Nitroaniline | 13.30 | 65 | 338082 | 25.612 | ng/ul | 100 |
| 44) Dimethylphthalate | 13.70 | 163 | 1574604 | 20.468 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.82 | 165 | 280601 | 25.881 | ng/ul | 100 |
| 47) Acenaphthylene | 13.96 | 152 | 1886204 | 19.948 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.14 | 138 | 241308 | 22.806 | ng/ul | 100 |
| 49) Acenaphthene | 14.30 | 153 | 1280468 | 20.003 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.35 | 184 | 107663 | 22.854 | ng/ul | 100 |
| 52) 4-Nitrophenol | 14.45 | 109 | 228756 | 22.559 | ng/ul | 100 |
| 53) Dibenzofuran | 14.64 | 168 | 1855017 | 20.225 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.60 | 165 | 414742 | 26.321 | ng/ul | 100 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 369533 | 21.625 | ng/ul | 100 |
| 56) Diethylphthalate | 15.09 | 149 | 1600610 | 20.286 | ng/ul | 100 |
| 58) Fluorene | 15.29 | 166 | 1451593 | 20.118 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.30 | 204 | 770158 | 20.414 | ng/ul | 100 |
| 60) 4-Nitroaniline | 15.31 | 138 | 316367 | 23.048 | ng/ul | 100 |
| 63) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 209443 | 21.773 | ng/ul | 100 |
| 64) N-Nitrosodiphenylamine | 15.51 | 169 | 1318873 | 19.819 | ng/ul | 100 |
| 65) 4-Bromophenyl-phenylether | 16.19 | 248 | 474269 | 19.345 | ng/ul | 100 |
| 66) Hexachlorobenzene | 16.29 | 284 | 512304 | 20.013 | ng/ul | 100 |
| 67) Atrazine | 16.47 | 200 | 491921 | 19.983 | ng/ul | 100 |
| 68) Pentachlorophenol | 16.64 | 266 | 291993 | 20.233 | ng/ul | 100 |
| 69) Phenanthrene | 17.03 | 178 | 2344326 | 19.947 | ng/ul | 100 |
| 71) Anthracene | 17.12 | 178 | 2418721 | 20.125 | ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216 | 669878 | 18.741 | ng/uL | 100 |
| 73) Pentachlorobenzene | 14.56 | 250 | 605363 | 19.155 | ng/uL | 100 |
| 74) Carbazole | 17.39 | 167 | 2134493 | 20.785 | ng/ul | 100 |
| 75) Di-n-butylphthalate | 17.99 | 149 | 2725495 | 19.882 | ng/ul | 100 |
| 76) Fluoranthene | 19.06 | 202 | 2732852 | 20.779 | ng/ul | 100 |
| 79) Pyrene | 19.42 | 202 | 2763642 | 21.015 | ng/ul | 100 |
| 80) Butylbenzylphthalate | 20.36 | 149 | 1127901 | 20.803 | ng/ul | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.12 | 252 | 785277 | 18.522 | ng/ul | 100 |
| 82) Benzo(a)anthracene | 21.18 | 228 | 2606711 | 20.081 | ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 1706849 | 19.501 | ng/ul | 100 |
| 84) Chrysene | 21.24 | 228 | 2389608 | 19.719 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.03 | 149 | 2653739 | 21.632 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.73 | 252 | 2232184 | 20.155 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.78 | 252 | 2181865 | 20.943 | ng/ul | 100 |
| 90) Benzo(a)pyrene | 23.29 | 252 | 2087857 | 20.117 | ng/ul | 100 |
| 91) Indeno(1,2,3-cd)pyrene | 25.56 | 276 | 2178220 | 18.570 | ng/ul | 100 |
| 92) Dibenzo(a,h)anthracene | 25.57 | 278 | 1855039 | 18.769 | ng/ul | 100 |
| 93) Benzo(g,h,i)perylene | 26.22 | 276 | 1781533 | 18.200 | ng/ul | 100 |

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