Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072721\
Data File : BP006380.D
Acq On : 28 Jul 2021 01:15
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 28 03:00:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020EC

**Manual Integrations APPROVED**
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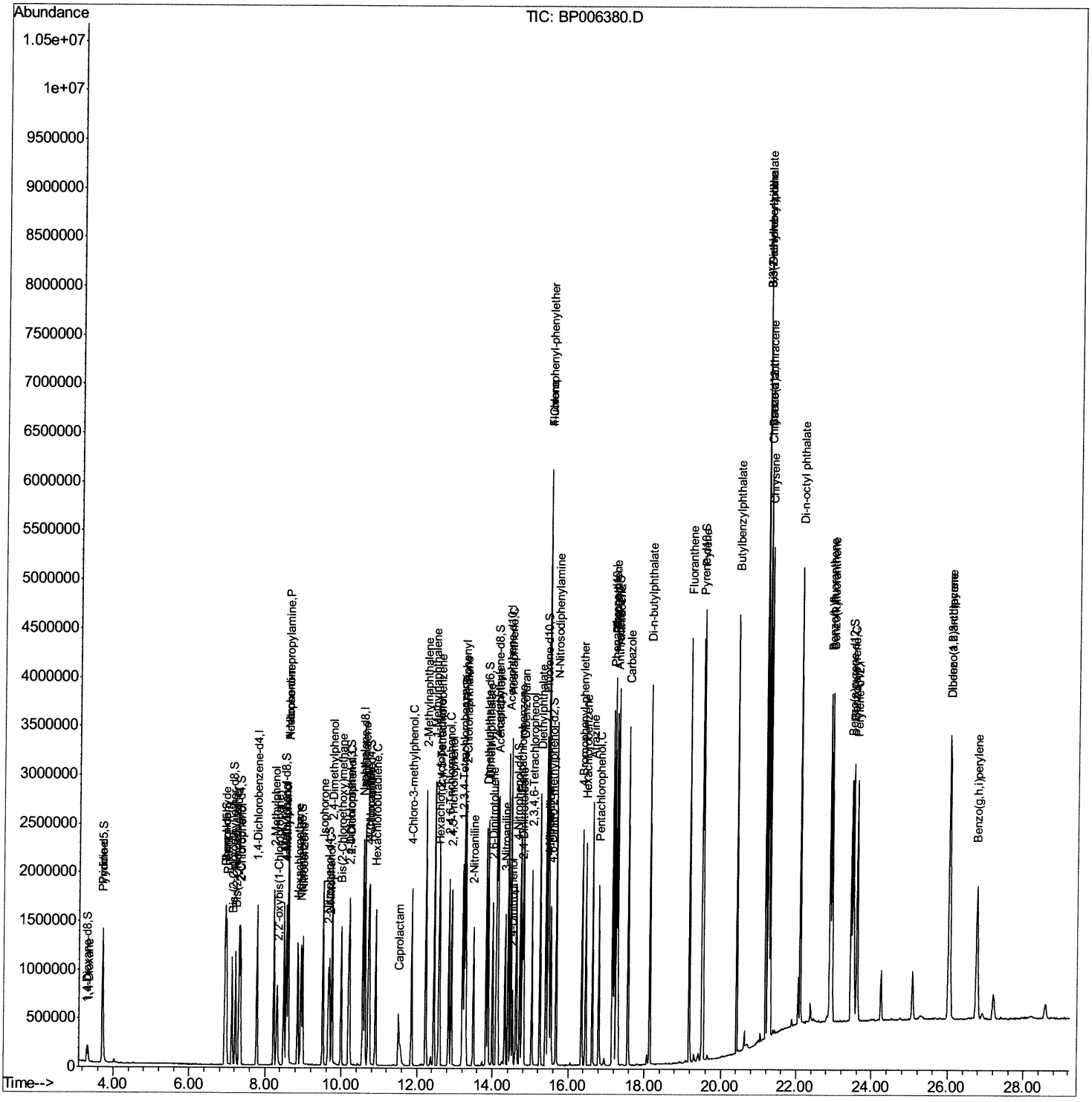

Quantitation Report (Qedit)

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Acq On : 28 Jul 2021 01:15
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Quant Time: Jul 28 02:58:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
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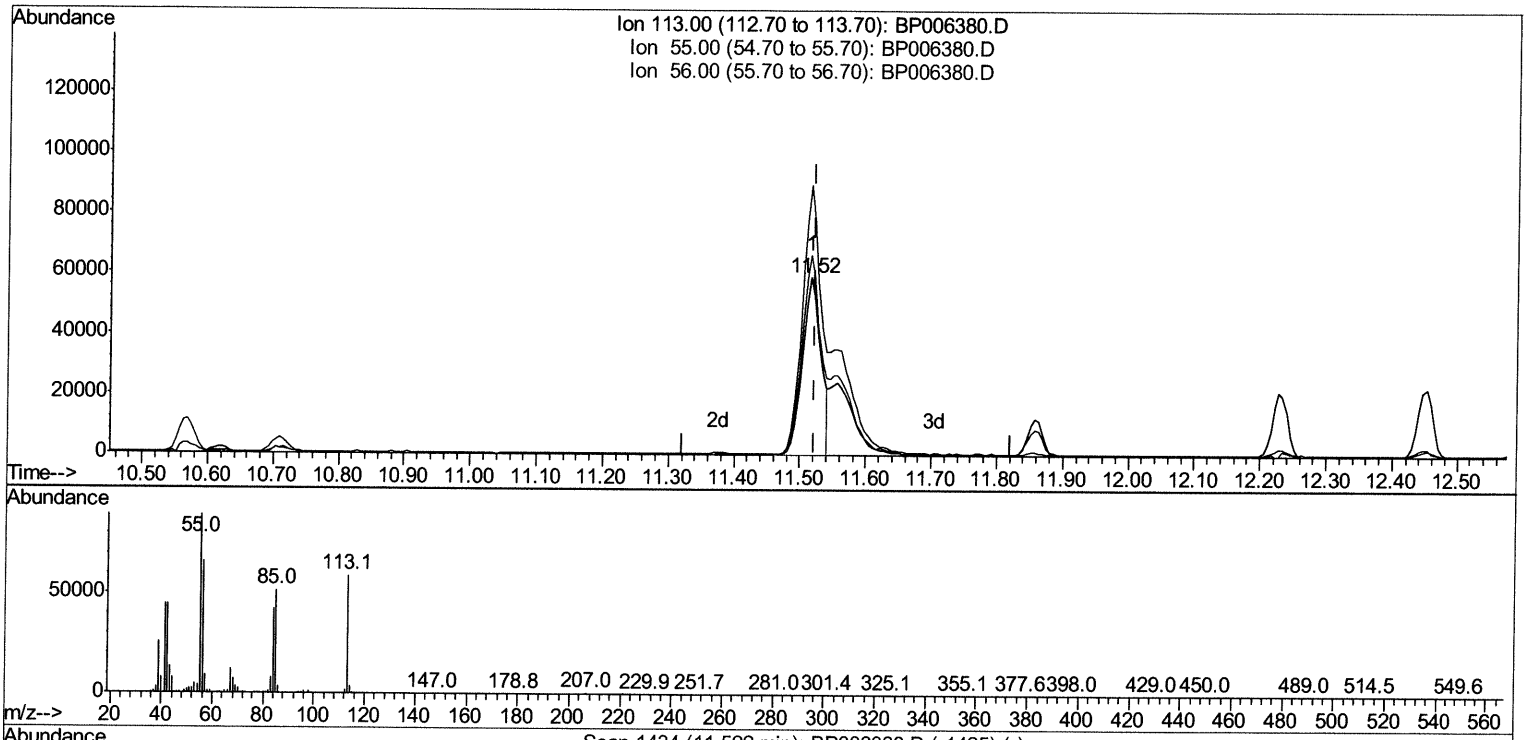





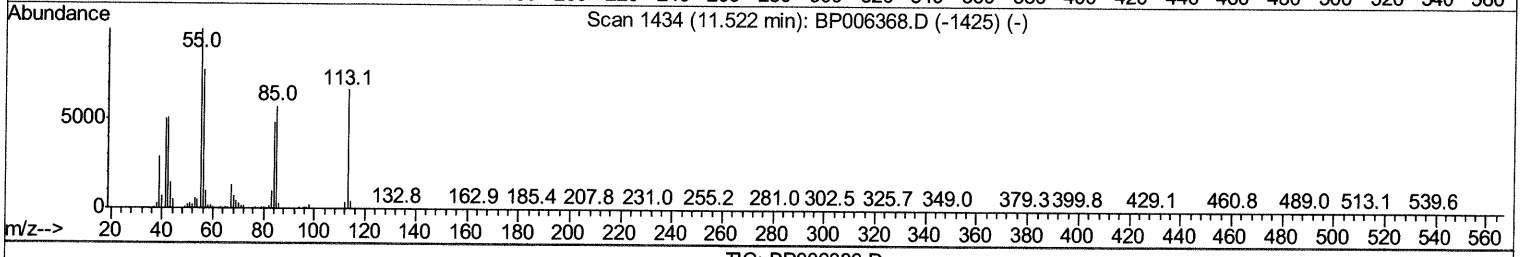


TIC: BP006380.D

(34) Caprolactam

11.516min (-0.006) 13.45ng/ul

response 115194

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 140.20 | 151.75 |
| 56.00 | 111.50 | 112.28 |
| 0.00 | 0.00 | 0.00 |

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**Manual Integrations APPROVED**
mohammad
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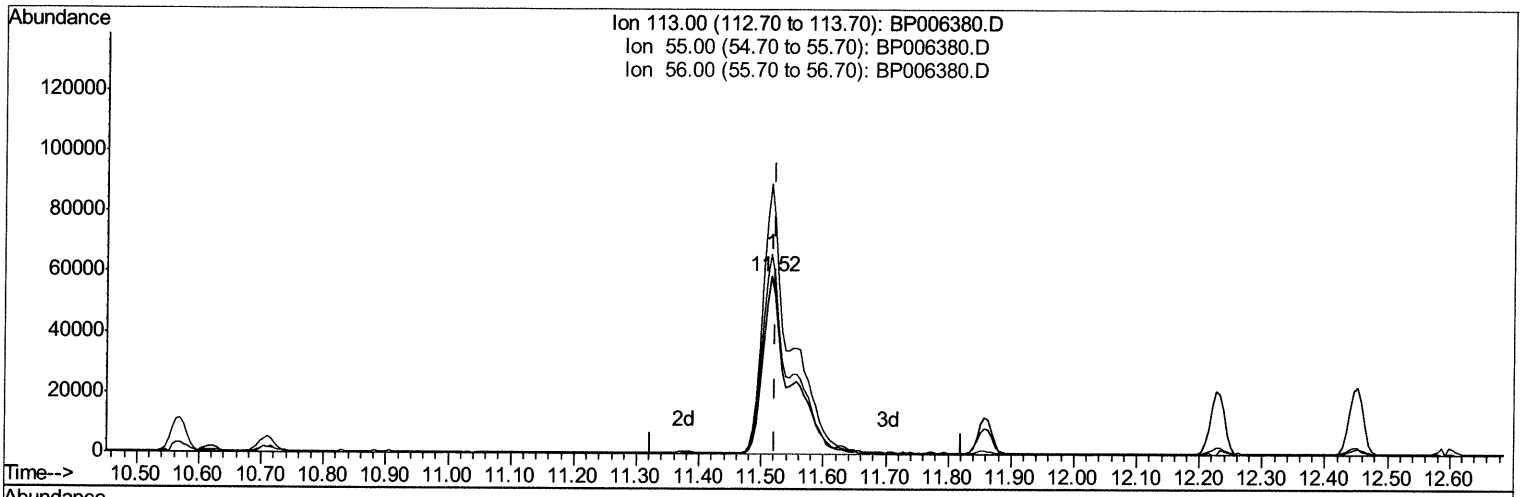


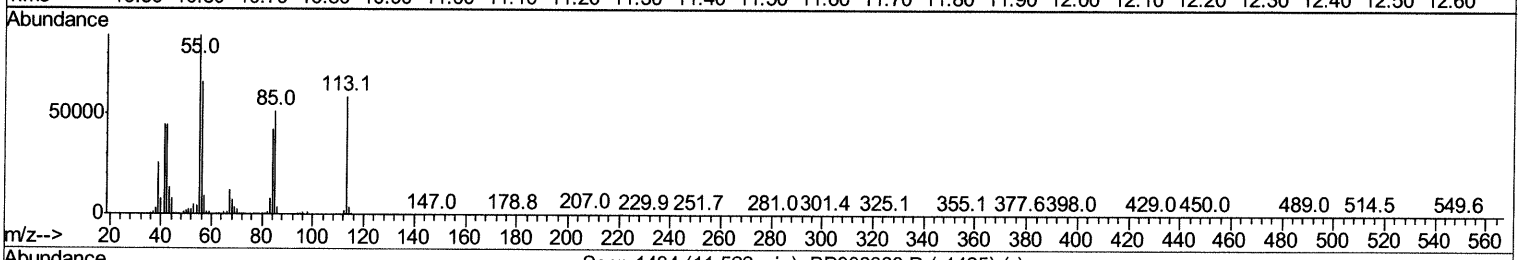


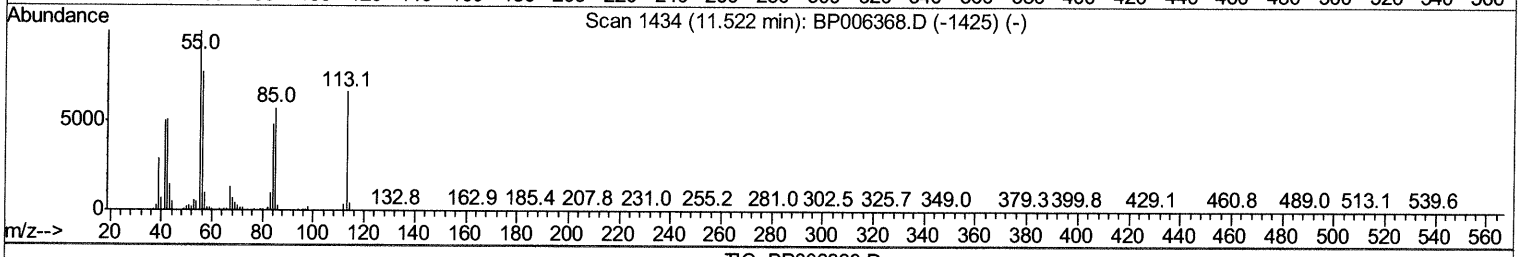


TIC: BP006380.D

(34) Caprolactam

11.516min (-0.006) 20.95ng/ul m 07/29/21 JU

response 179359

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 140.20 | 151.75 |
| 56.00 | 111.50 | 112.28 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :** BNA_P
**LabSampleId :** SSTDCCC020EC

**Manual Integrations APPROVED**
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7/28/2021 11:34:01 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 425190 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.57 | 136 | 1814332 | 20.00 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.41 | 164 | 1025738 | 20.00 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.16 | 188 | 1946537 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.26 | 240 | 1770981 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.60 | 264 | 1608415 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 91106 | 8.00 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.70 | 84 | 663223 | 19.61 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.96 | 99 | 780456 | 19.54 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 500037 | 20.12 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.32 | 132 | 612597 | 20.65 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.49 | 113 | 606039 | 19.30 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.94 | 128 | 292162 | 21.63 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.66 | 143 | 296429 | 22.98 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.19 | 165 | 534574 | 21.15 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.71 | 131 | 811667 | 19.50 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.83 | 166 | 1508172 | 20.66 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.10 | 160 | 1891892 | 21.09 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.62 | 143 | 285796 | 19.72 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.40 | 176 | 1246440 | 20.31 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 210762 | 19.42 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.26 | 188 | 1839702 | 20.94 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.50 | 212 | 1907853 | 20.94 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.45 | 264 | 1690874 | 20.69 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 95661 | 7.954 | ng/uL | 98 |
| 5) Pyridine | 3.72 | 79 | 690032 | 19.567 | ng/ul | 99 |
| 6) Benzaldehyde | 6.93 | 77 | 537408 | 24.666 | ng/ul | 98 |
| 8) Phenol | 6.99 | 94 | 797932 | 19.548 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.22 | 93 | 633402 | 19.727 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.35 | 128 | 619508 | 20.597 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.23 | 108 | 576544 | 19.355 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.32 | 45 | 724473 | 20.197 | ng/ul | 98 |
| 16) Acetophenone | 8.60 | 105 | 935203 | 19.366 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propylamine | 8.60 | 70 | 514668 | 20.372 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.56 | 108 | 623441 | 19.491 | ng/ul | 100 |
| 19) Hexachloroethane | 8.85 | 117 | 255425 | 20.760 | ng/ul | 97 |
| 22) Nitrobenzene | 8.98 | 77 | 743884 | 21.223 | ng/ul | 100 |
| 23) Isophorone | 9.51 | 82 | 1341811 | 21.414 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.69 | 139 | 322598 | 22.679 | ng/ul | 100 |
| 26) 2,4-Dimethylphenol | 9.75 | 107 | 700079 | 20.753 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)methane | 9.99 | 93 | 827282 | 20.559 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.22 | 162 | 518656 | 20.914 | ng/ul | 99 |
| 30) Naphthalene | 10.62 | 128 | 1899860 | 20.183 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.73 | 127 | 795987 | 19.417 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.90 | 225 | 306970 | 20.290 | ng/ul | 99 |
| 34) Caprolactam | 11.52 | 113 | 179359m | > 20.945 | ng/ul | > |

07/29/21 JU

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**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC020EC

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.86 | 107 | 626901 | 21.176 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.23 | 142 | 1294992 | 20.077 | ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.45 | 142 | 1299410 | 20.014 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.60 | 216 | 566307 | 20.487 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.57 | 237 | 324649 | 18.054 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.84 | 196 | 379434 | 22.152 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.91 | 196 | 405814 | 21.654 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.25 | 154 | 1575939 | 20.496 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.29 | 162 | 1191127 | 20.517 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.49 | 65 | 392122 | 22.865 | ng/ul | 97 |
| 47) Dimethylphthalate | 13.88 | 163 | 1465808 | 20.455 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.00 | 165 | 295832 | 22.582 | ng/ul | 96 |
| 50) Acenaphthylene | 14.13 | 152 | 1821883 | 20.859 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.32 | 138 | 339094 | 22.091 | ng/ul | 100 |
| 52) Acenaphthene | 14.47 | 153 | 1296901 | 20.237 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.53 | 184 | 140015 | 18.021 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.63 | 109 | 240063 | 20.475 | ng/ul | 98 |
| 56) Dibenzofuran | 14.81 | 168 | 1730774 | 20.139 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.78 | 165 | 419689 | 22.418 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.03 | 232 | 320077 | 21.901 | ng/ul | 95 |
| 59) Diethylphthalate | 15.25 | 149 | 1554187 | 20.940 | ng/ul | 99 |
| 61) Fluorene | 15.46 | 166 | 1428134 | 20.201 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenylether | 15.46 | 204 | 654525 | 19.859 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.49 | 138 | 343700 | 22.798 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylphenol | 15.54 | 198 | 210227 | 19.818 | ng/ul# | 99 |
| 67) N-Nitrosodiphenylamine | 15.67 | 169 | 1208393 | 20.897 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.36 | 248 | 374029 | 23.993 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.46 | 284 | 427885 | 20.467 | ng/ul | 97 |
| 70) Atrazine | 16.64 | 200 | 422331 | 21.104 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.81 | 266 | 271661 | 20.670 | ng/ul | 99 |
| 72) Phenanthrene | 17.20 | 178 | 2130497 | 20.383 | ng/ul | 99 |
| 74) Anthracene | 17.30 | 178 | 2177480 | 20.546 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.20 | 216 | 557780 | 20.905 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.73 | 250 | 528688 | 20.325 | ng/uL | 99 |
| 77) Carbazole | 17.57 | 167 | 1990686 | 20.533 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.14 | 149 | 2626149 | 22.665 | ng/ul | 100 |
| 80) Fluoranthene | 19.18 | 202 | 2393324 | 21.323 | ng/ul | 100 |
| 82) Pyrene | 19.53 | 202 | 2428046 | 20.847 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.42 | 149 | 1177807 | 24.646 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.19 | 252 | 749846 | 19.217 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.24 | 228 | 2253297 | 20.533 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 1826350 | 24.409 | ng/ul | 100 |
| 87) Chrysene | 21.30 | 228 | 2134546 | 20.293 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.10 | 149 | 2972025 | 26.515 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.89 | 252 | 2158020 | 21.124 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.94 | 252 | 2064650 | 21.294 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.50 | 252 | 1824425 | 20.430 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.03 | 276 | 2014074 | 17.620 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.05 | 278 | 1710972 | 17.673 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.77 | 276 | 1616201 | 17.113 | ng/ul | 99 |

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

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