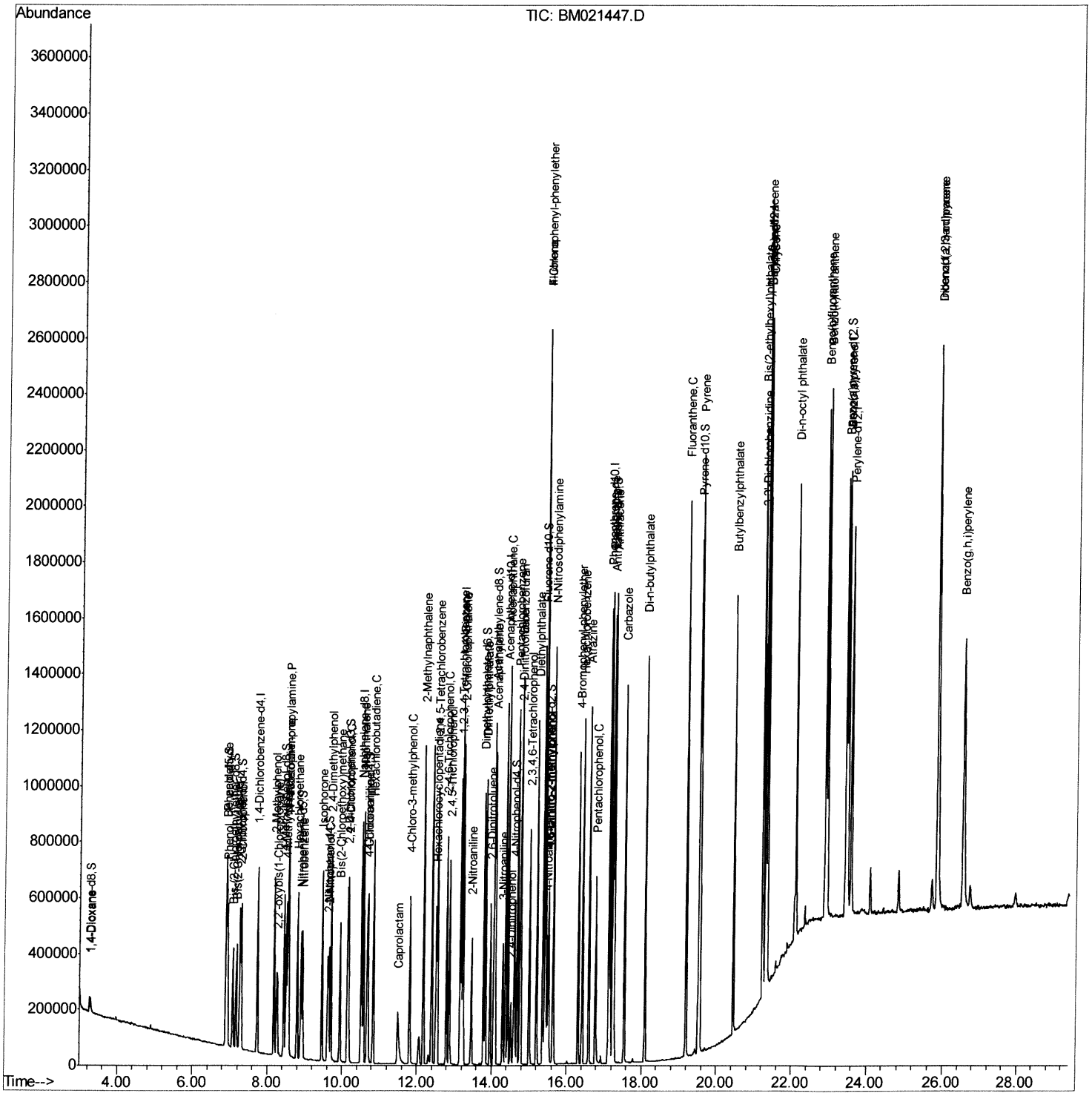
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071119\
Data File : BM021447.D
Acq On : 12 Jul 2019 02:53
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_M
**LabSampleId :**
SSTD02035

**Manual Integrations APPROVED**
mohammad
7/12/2019 10:25:54 PM

Quant Time: Jul 12 12:19:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration



# Quantitation Report (Qedit)

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Acq On : 12 Jul 2019 02:53
Operator : HP/JU
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Misc :
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Quant Time: Jul 12 12:17:54 2019
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Response via : Initial Calibration

**Instrument :**
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**LabSampleId :**
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**Manual Integrations APPROVED**
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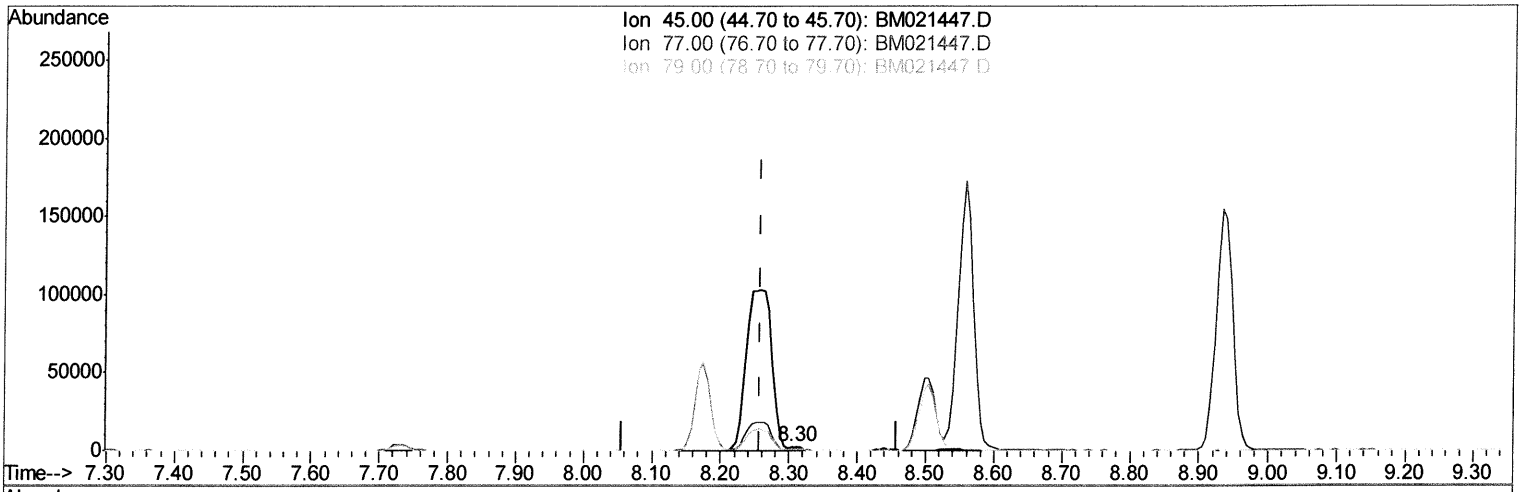


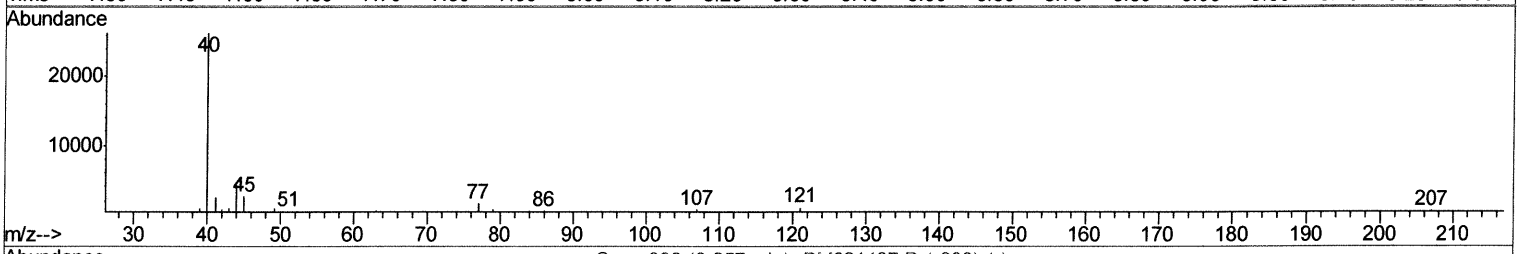


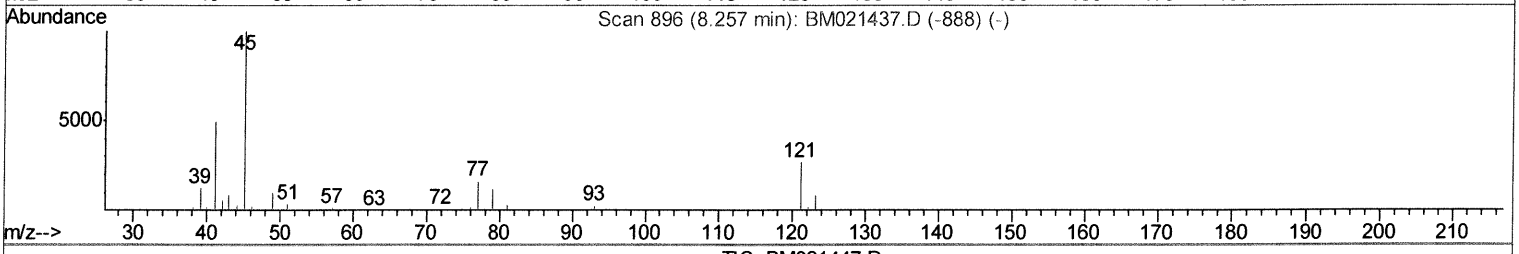


TIC: BM021447.D

(12) 2,2'-oxybis(1-Chloropropane)

8.304min (+0.047) 0.26ng/ul

response 3448

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100 | 100 |
| 77.00 | 17.70 | 59.67# |
| 79.00 | 13.40 | 29.59# |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SVOA CALIBRATION
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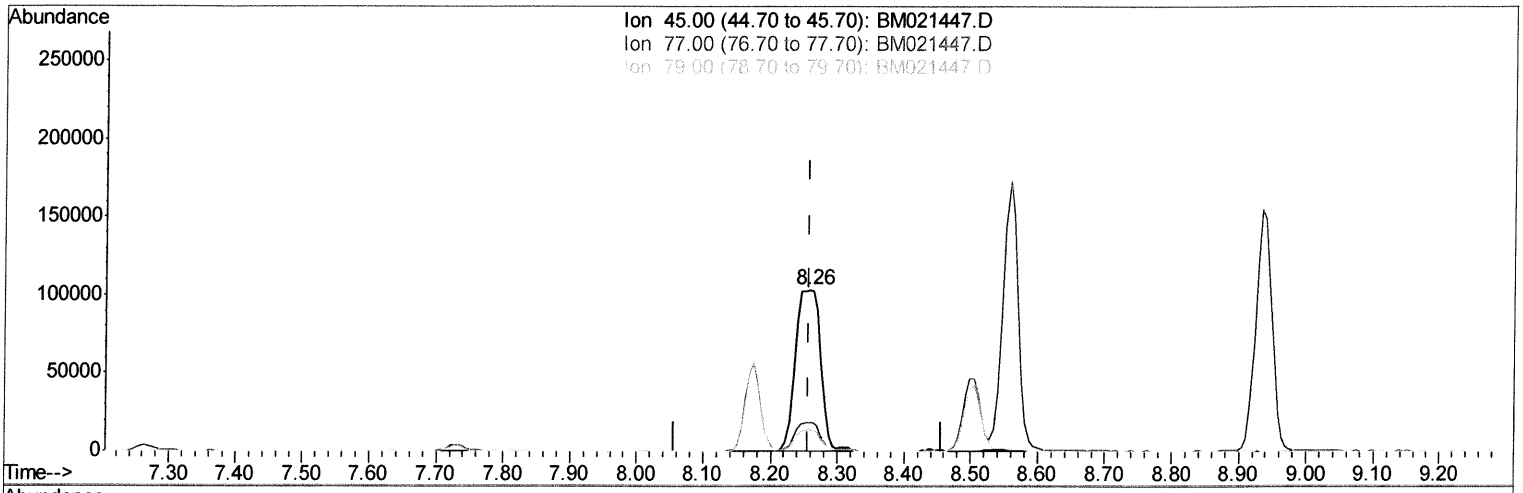
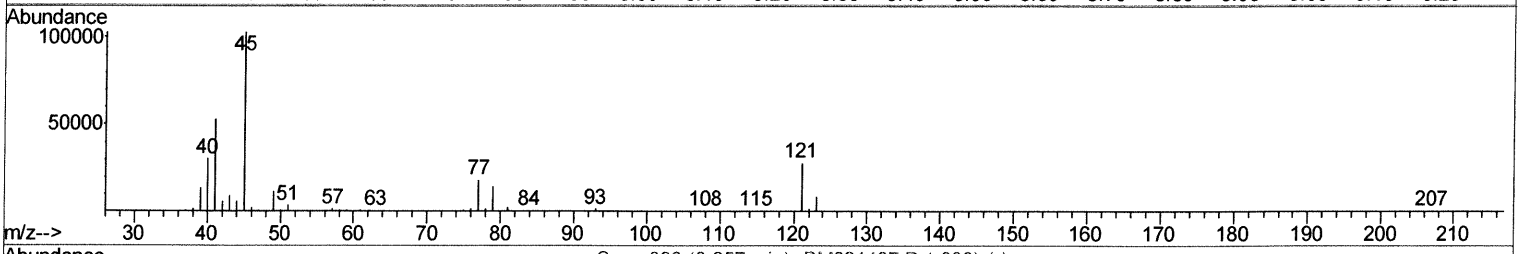
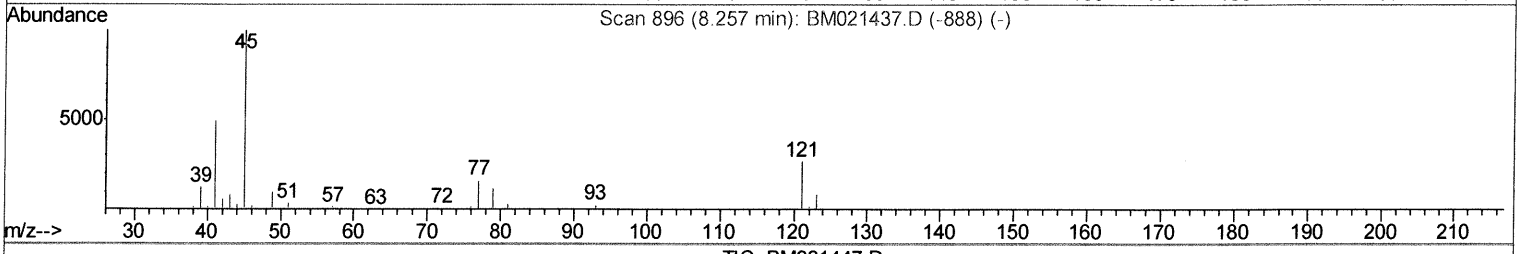
Response via : Initial Calibration

**Instrument :**
BNA_M
**LabSampleId :**
SSTD02035

**Manual Integrations APPROVED**
mohammad
7/12/2019 10:25:54 PM




TIC: BM021447.D

(12) 2,2'-oxybis(1-Chloropropane)

8.257min (+0.000) 20.39ng/ul m JU 07/15/19

response 265580

| Ion | Exp% | Act% |
|---|---|---|
| 45.00 | 100 | 100 |
| 77.00 | 17.70 | 17.51 |
| 79.00 | 13.40 | 14.03 |
| 0.00 | 0.00 | 0.00 |

# Quantitation Report (QT Reviewed)

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Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTD02035

**Manual Integrations APPROVED**
mohammad
7/12/2019 10:25:54 PM

Quant Time: Jul 12 12:19:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 185604 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.52 | 136 | 727655 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.37 | 164 | 428574 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.13 | 188 | 951573 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.32 | 240 | 950398 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.57 | 264 | 1050856 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 28604 | 7.59 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.90 | 99 | 266385 | 18.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 154631 | 18.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 228428 | 18.39 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.44 | 113 | 215916 | 18.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.89 | 128 | 108051 | 18.03 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.61 | 143 | 118481 | 17.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.14 | 165 | 246880 | 18.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.66 | 131 | 269685 | 22.07 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 671416 | 17.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.07 | 160 | 877767 | 18.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.60 | 143 | 97646 | 16.42 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.37 | 176 | 597757 | 17.84 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 101283 | 15.83 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.23 | 188 | 914763 | 18.51 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.52 | 212 | 966428 | 18.53 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.43 | 264 | 1038165 | 17.18 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 31061 | 7.843 | ng/uL | 97 |
| 4) Benzaldehyde | 6.89 | 77 | 184817 | 23.721 | ng/ul | 98 |
| 6) Phenol | 6.93 | 94 | 270997 | 19.619 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.17 | 93 | 208254 | 19.499 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.30 | 128 | 228468 | 19.138 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.17 | 108 | 207109 | 19.677 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.26 | 45 | 265580m | > 20.393 | ng/ul | |
| 14) Acetophenone | 8.56 | 105 | 343773 | 19.855 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.54 | 70 | 169386 | 19.510 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.50 | 108 | 221286 | 19.829 | ng/ul | 97 |
| 17) Hexachloroethane | 8.79 | 117 | 103084 | 19.748 | ng/ul | 99 |
| 20) Nitrobenzene | 8.93 | 77 | 263104 | 19.598 | ng/ul | 99 |
| 21) Isophorone | 9.46 | 82 | 462232 | 19.425 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.64 | 139 | 128060 | 18.973 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.70 | 107 | 259209 | 19.739 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.94 | 93 | 290740 | 19.588 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.17 | 162 | 240932 | 19.485 | ng/ul | 100 |
| 28) Naphthalene | 10.56 | 128 | 734438 | 19.394 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.69 | 127 | 271104 | 23.207 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.83 | 225 | 177771 | 19.454 | ng/ul | 98 |
| 32) Caprolactam | 11.49 | 113 | 71160 | 22.053 | ng/ul | 92 |
| 33) 4-Chloro-3-methylphenol | 11.82 | 107 | 225139 | 19.561 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.18 | 142 | 540389 | 19.359 | ng/ul | 99 |

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**LabSampleId :** SSTD02035

**Manual Integrations APPROVED**
mohammad
7/12/2019 10:25:54 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.55 | 216 | 329239 | 19.753 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.52 | 237 | 156273 | 18.430 | ng/ul# | 98 |
| 38) 2,4,6-Trichlorophenol | 12.80 | 196 | 195374 | 19.696 | ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 12.87 | 196 | 203787 | 19.383 | ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.20 | 154 | 700203 | 19.521 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.25 | 162 | 566865 | 19.719 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.47 | 65 | 118650 | 18.889 | ng/ul | 100 |
| 44) Dimethylphthalate | 13.84 | 163 | 675828 | 19.336 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.97 | 165 | 121853 | 19.145 | ng/ul | 94 |
| 47) Acenaphthylene | 14.09 | 152 | 794281 | 19.372 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.30 | 138 | 106059 | 18.524 | ng/ul | 97 |
| 49) Acenaphthene | 14.44 | 153 | 580103 | 19.471 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.52 | 184 | 55705 | 14.553 | ng/ul | 96 |
| 52) 4-Nitrophenol | 14.61 | 109 | 81359 | 18.363 | ng/ul | 96 |
| 53) Dibenzofuran | 14.77 | 168 | 831589 | 19.268 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.76 | 165 | 185391 | 18.991 | ng/ul | 99 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.00 | 232 | 181874 | 19.410 | ng/ul | 98 |
| 56) Diethylphthalate | 15.20 | 149 | 642996 | 19.161 | ng/ul | 99 |
| 58) Fluorene | 15.43 | 166 | 672295 | 19.254 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.42 | 204 | 373536 | 19.142 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.47 | 138 | 109128 | 18.563 | ng/ul | 99 |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 198 | 105743 | 16.616 | ng/ul | 98 |
| 64) N-Nitrosodiphenylamine | 15.64 | 169 | 565499 | 19.977 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.32 | 248 | 232141 | 19.717 | ng/ul | 98 |
| 66) Hexachlorobenzene | 16.42 | 284 | 277486 | 19.824 | ng/ul | 99 |
| 67) Atrazine | 16.60 | 200 | 242022 | 23.142 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.78 | 266 | 137662 | 18.657 | ng/ul | 99 |
| 69) Phenanthrene | 17.17 | 178 | 1048115 | 19.534 | ng/ul | 100 |
| 71) Anthracene | 17.26 | 178 | 1065008 | 19.502 | ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.16 | 216 | 317549 | 20.357 | ng/uL | 99 |
| 73) Pentachlorobenzene | 14.69 | 250 | 335444 | 20.875 | ng/uL | 98 |
| 74) Carbazole | 17.54 | 167 | 875929 | 19.324 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 18.09 | 149 | 991414 | 19.091 | ng/ul | 100 |
| 76) Fluoranthene | 19.19 | 202 | 1211185 | 19.010 | ng/ul | 100 |
| 79) Pyrene | 19.55 | 202 | 1245764 | 19.806 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.45 | 149 | 423269 | 18.997 | ng/ul | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.24 | 252 | 386687 | 18.299 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.30 | 228 | 1270143 | 19.515 | ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 622744 | 19.001 | ng/ul | 99 |
| 84) Chrysene | 21.35 | 228 | 1186899 | 19.398 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.11 | 149 | 1074867 | 18.935 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.89 | 252 | 1294264 | 19.764 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.94 | 252 | 1273886 | 19.530 | ng/ul | 100 |
| 90) Benzo(a)pyrene | 23.47 | 252 | 1231763 | 19.474 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.85 | 276 | 1536838 | 19.670 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 25.86 | 278 | 1297156 | 19.749 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.55 | 276 | 1264266 | 19.613 | ng/ul | 100 |

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