User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 12:30:09

Sample: AE01938
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 12:29 Ended: 2/15/02 12:29 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 74 | | 5.0 |

**Comments for Sample AE01938 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 12:30:22

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 5 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\1938.D Vial: 18
Acq On : 9 Feb 2002 1:52 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:37 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.35 | 152 | 284508 | 20.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 15.99 | 136 | 1083245 | 20.00 | ug/l | -0.01 |
| 17) Acenaphthene-d10 | 21.30 | 164 | 582412 | 20.00 | ug/l | -0.01 |
| 29) Phenanthrene-d10 | 25.75 | 188 | 834400 | 20.00 | ug/l | -0.01 |
| 38) Chrysene-d12 | 33.82 | 240 | 544924 | 20.00 | ug/l | -0.02 |
| 44) Perylene-d12 | 38.11 | 264 | 346571 | 20.00 | ug/l | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.83 | 235 | 38328 | 3.70 | ug/mL | 0.33 |
| Spiked Amount 5.000 | | | Recovery = 74.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 0.00 | 74 | 0 | N.D. | | |
| 3) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | N.D. | | |
| 4) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 5) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 6) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 7) 2,2'-oxybis(1-Chloropropan | 0.00 | 45 | 0 | N.D. | | |
| 8) N-Nitroso-di-n-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 9) Hexachloroethane | 0.00 | 117 | 0 | N.D. | | |
| 11) Nitrobenzene | 0.00 | 77 | 0 | N.D. | | |
| 12) Isophorone | 0.00 | 82 | 0 | N.D. | | |
| 13) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | | |
| 14) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 15) Naphthalene | 0.00 | 128 | 0 | N.D. | | |
| 16) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | | |
| 18) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | | |
| 19) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | | |
| 20) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 25) Diethylphthalate | 22.77 | 149 | 199 | N.D. | | |
| 26) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 28) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | | |

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\1938.D Vial: 18
Acq On : 9 Feb 2002 1:52 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:37 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 31) | 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 32) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 33) | Phenanthrene | 0.00 | 178 | 0 | N.D. | |
| 34) | Anthracene | 0.00 | 178 | 0 | N.D. | |
| 35) | Di-n-butylphthalate | 27.72 | 149 | 22357 | 0.32 ug/l | 99 |
| 36) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 41) | Benzo(a)anthracene | 33.82 | 228 | 1275 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 34.03 | 149 | 1183 | N.D. | |
| 43) | Chrysene | 33.82 | 228 | 1275 | N.D. | |
| 45) | Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 46) | Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 47) | Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 48) | Benzo(a)pyrene | 38.10 | 252 | 1243 | N.D. | |
| 49) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 50) | Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 51) | Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

(#) = qualifier out of range (m) = manual integration

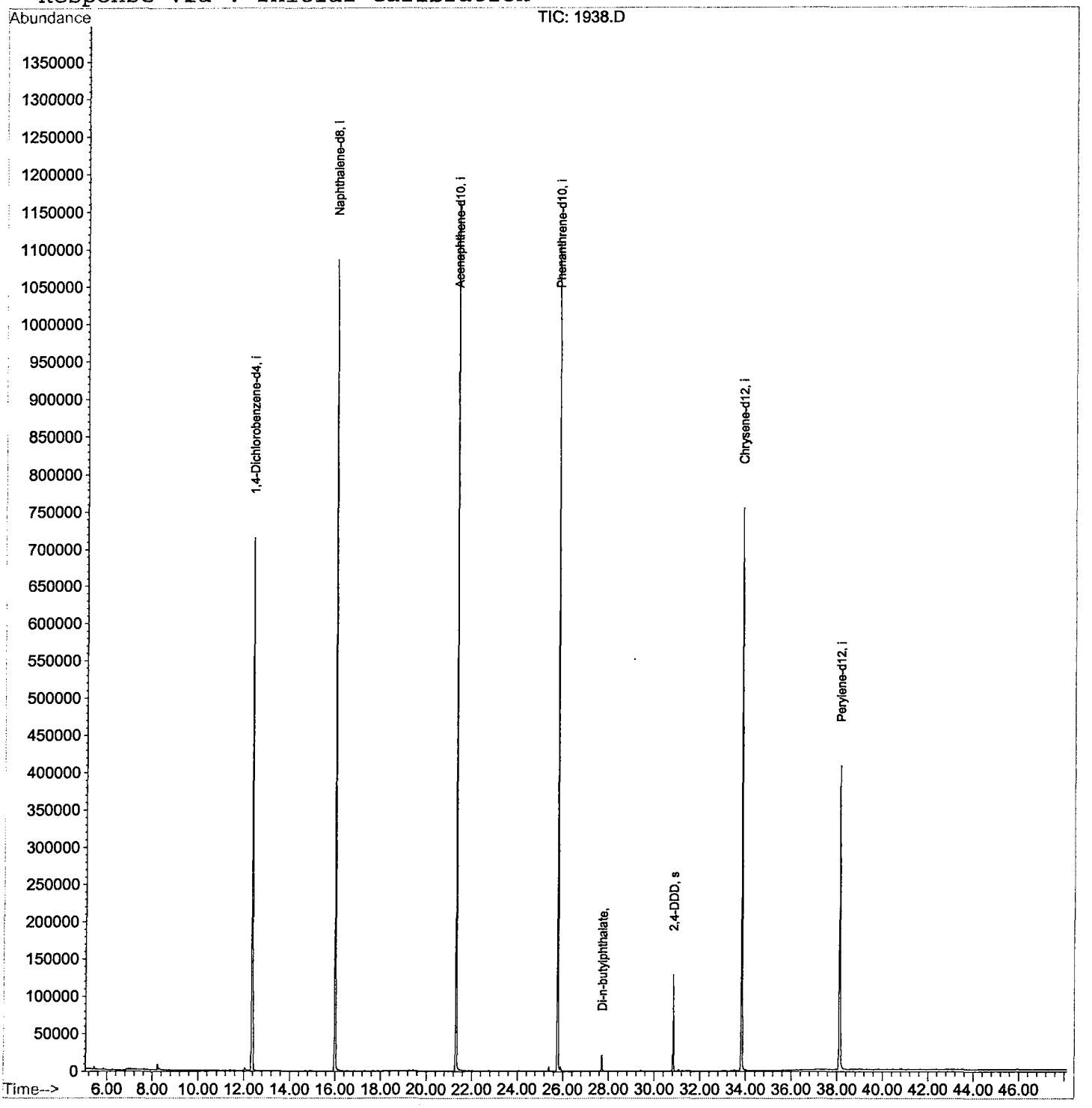
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\1938.D
Acq On : 9 Feb 2002 1:52 am
Sample : GC/MS SCAN 1/28
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:37 2002

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\1938.D  Vial: 18
Acq On : 9 Feb 2002 1:52 am  Operator: 209 GALOS
Sample : GC/MS SCAN 1/28  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF  Filtering: 5
Sampling : 1  Min Area: 1 % of largest Peak
Start Thrs: 0.2  Max Peaks: 100
Stop Thrs : 0  Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

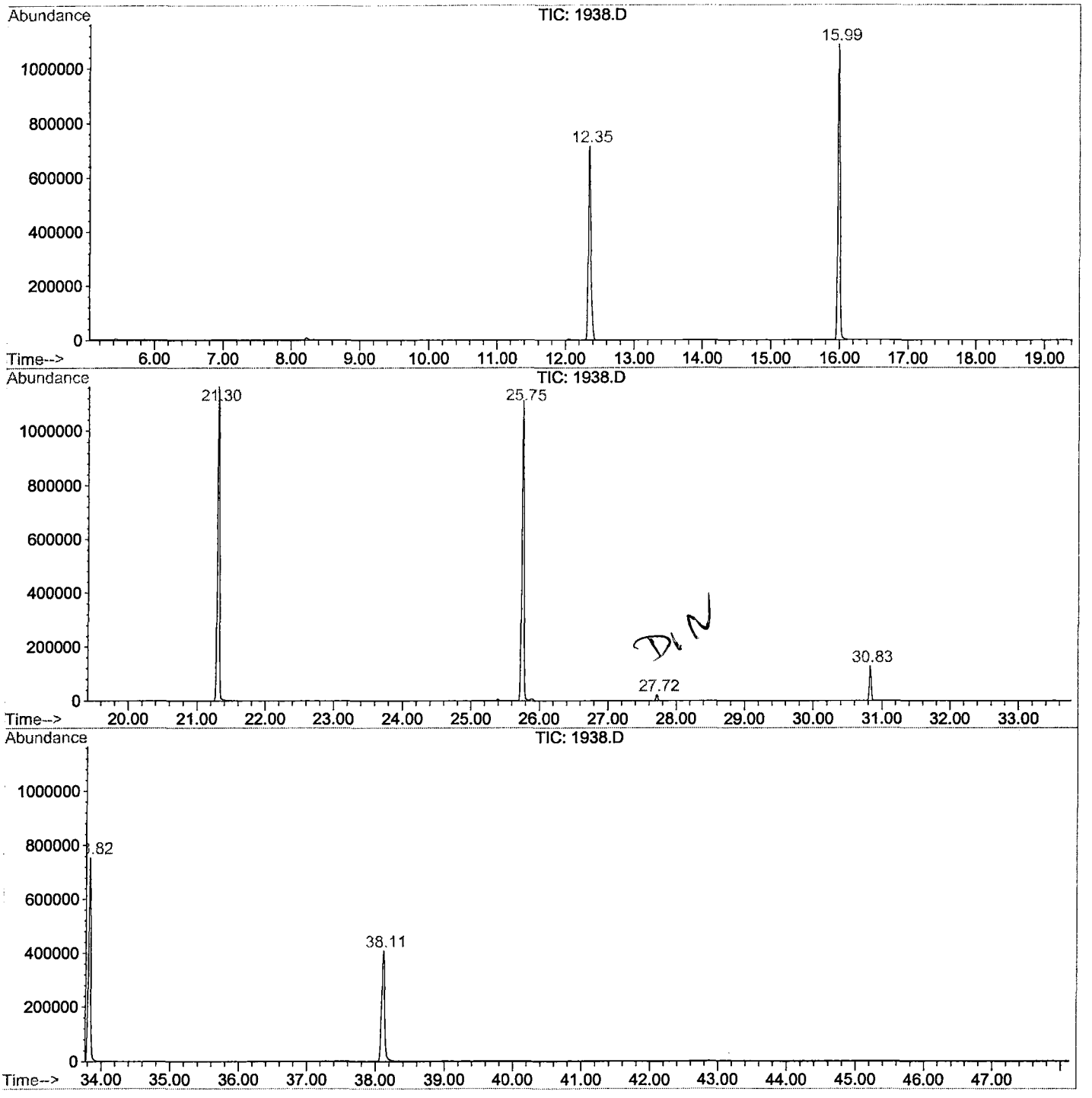
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.351 | 790 | 796 | 809 | rVB | 714422 | 1811103 | 75.06% | 15.208% |
| 2 | 15.986 | 1186 | 1192 | 1207 | rBV | 1085953 | 2237035 | 92.71% | 18.785% |
| 3 | 21.302 | 1765 | 1771 | 1788 | rBV | 1164382 | 2412901 | 100.00% | 20.261% |
| 4 | 25.754 | 2249 | 2256 | 2267 | rBV2 | 1110287 | 2312992 | 95.86% | 19.422% |
| 5 | 27.719 | 2463 | 2470 | 2475 | rVB | 21446 | 39155 | 1.62% | 0.329% |
| 6 | 30.831 | 2804 | 2809 | 2814 | rBV | 128346 | 235442 | 9.76% | 1.977% |
| 7 | 33.824 | 3127 | 3135 | 3151 | rBV2 | 754361 | 1661931 | 68.88% | 13.955% |
| 8 | 38.111 | 3594 | 3602 | 3623 | rBV2 | 406909 | 1198271 | 49.66% | 10.062% |

Sum of corrected areas: 11908830

1938.D GCMS0208.M Thu Feb 14 15:00:55 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\1938.D
Operator : 209 GALOS
Acquired : 9 Feb 2002 1:52 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/28
Misc Info :
Vial Number: 18
Quant File :GCMS0208.RES (RTE Integrator)




1938.D GCMS0208.M Thu Feb 14 15:01:01 2002

# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 1:52 am
Data File: C:\HPCHEM\1\DATA\FEB0802\1938.D
Name: GC/MS SCAN 1/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

| TIC Top Hit name | RT | EstConc | Units | Area | IntStd | ISRT | ISArea | ISConc |
|---|---|---|---|---|---|---|---|---|

1938.D GCMS0208.M Thu Feb 14 15:01:05 2002