1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Y1DN9

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 33179 Client No.: 1125.0 SDG No.: Y1DN5

Lab Sample ID: 381905 Date Received: 08/04/2004

Lab File ID: 381905A71 Date Analyzed: 08/10/2004

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: SPB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01	80-56-8	.ALPHA.-PINENE	11.78	3.4	NJ
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

FORM I LCV-TIC OLC03.2

1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Y1DP0

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 33179 Client No.: 1125.0 SDG No.: Y1DN5

Lab Sample ID: 381906 Date Received: 08/04/2004

Lab File ID: 381906A71 Date Analyzed: 08/10/2004

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: SPB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		UNKNOWN	3.31	2.1	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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22					
23					
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25					
26					
27					
28					
29					
30					

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1LCF
LOW CONCENTRATION WATER VOLATILE ORGANICS ANALYSIS
DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Y1DP7

Lab Name: COMPUCHEM Contract: 68W01043

Lab Code: LIBRTY Case No.: 33179 Client No.: 1125.0 SDG No.: Y1DN5

Lab Sample ID: 381914 Date Received: 08/05/2004

Lab File ID: 381914A71 Date Analyzed: 08/10/2004

Purge Volume: 25.0(ML) Dilution Factor: 1.0

GC Column: SPB-624 ID: 0.32(MM) Length: 60.0(M)

Number TICs found: 3

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (UG/L)	Q
01		~~UNKNOWN~~ (Laboratory artifact)	~~3.85~~	~~0.81~~	~~J~~
02		~~UNKNOWN~~	~~7.30~~	~~1.2~~	~~J~~
03	80-56-8	.ALPHA.-PINENE	11.78	3.0	NJ
04					
05					
06		SC, 9/13/04,			
07					
08					
09					
10					
11					
12					
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29					
30					

FORM I LCV-TIC OLC03.2

In Reference to
Case 33179, SDG# Y1DN5

Contract Laboratory program
REGIONAL/LABORATORY COMMUNICATION SYSTEM

Telephone Record Log

Date of Call: September 14, 2004

Laboratory Name: Liberty Analytical Corporation

Lab Contact: Bob Meierer

Region: 9

Regional Contact: Steve Remaley, CLP PO

ESAT Reviewer: Santiago Lee, ESAT/Laboratory Data Consultants

Call Initiated By: _____ Laboratory X Region

In reference to data for the following sample(s):

SDG No.: Y1DN5 (VOA)

Summary of Questions/issues Discussed:

The following item was noted during the review of this sample delivery group (SDG). Please respond within 7 days as specified in Section 2.2 of Exhibit B of the OLM04.2 Statement of Work (SOW). Send response and resubmissions to ICF Consulting/Laboratory Data Consultants, Environmental Services Assistance Team, USEPA Region 9 Laboratory, 1337 S. 46th Street, Building 201, Richmond, CA 94804, FAX 510 412-2304.

In order to fully validate the data packages, Region 9 requests the following information for all standards (calibration and QC): expiration date of standard, preparation date, lot number, standard source (name of vendor), concentration and volume of spiking and LCS Solutions. Please provide the above listed data.

Summary of Resolution: To be determined.

_____ _____
Regional Contact Signature Date of Resolution

Distribution: (original)ESAT; (1)Lab copy, (2)Regional Copy, (3)CLASS copy

Table 9. Volatile Deuterated Monitoring Compounds and the Associated Target Compounds

Chloroethane-d5 (DMC)	1,2-Dichloropropane-d6 (DMC)	1,2-Dichlorobenzene-d4 (DMC)
Dichlorodifluoromethane	Cyclohexane	Chorobenzene
Chloromethane	Methylcyclohexane	1,3-Dichlorobenzene
Bromomethane	1,2-Dichloropropane	1,4-Dichlorobenzene
Chloroethane	Bromodichloromethane	1,2-Dichlorobenzene
Carbon Disulfide		1,2,4-Trichlorobenzene
		1,2,3-Trichlorobenzene

Bromoform-d (DMC)	trans-1,3-Dichloropropene-d4 (DMC)	Chloroform-d (DMC)
Dibromochloromethane	cis-1,3-Dichloropropene	1,1-Dichloroethane
1,2-Dibromoethane	trans-1,3-Dichloropropene	Bromochloromethane
Bromoform	1,1,2-Trichloroethane	Chloroform

2-Butanone-d5 (DMC)	1,1-Dichloroethene-d2 (DMC)	2-Hexanone-d5 (DMC)
Acetone	trans-1,2-Dichloroethene	4-Methyl-2-pentanone
2-Butanone	cis-1,2-Dichloroethene	2-Hexanone

Vinyl Chloride-d3 (DMC)	Benzene-d6 (DMC)	1,1,2,2-Tetrachloroethane-d2 (DMC)
Vinyl Chloride	Benzene	1,1,2,2,-Tetrachlororethane
		1,2-Dibromo-3-chloropropane

1,2-Dichloroethane-d4 (DMC)	Toulene-d8 (DMC)
Trichlorofluoromethane	Trichloroethene
1,1-Dichloroethene	Toluene
1,1,2-Trichloro-1,2,2-trifluoroethane	Tetrachloroethene
Methyl Acetate	Ethylbenzene
Methylene Chloride	Xylenes (total)
Methyl tert-Butyl Ether	Styrene
1,1,1-Trichloroethane	Isopropylbenzene
Carbon Tetrachloride	
1,2-Dichloroethane	

USEPA Contract Laboratory Program National Functional Guidelines for Low Concentration Organic Data Review (EPA-540-R-00-006, June 2001)