Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/06/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0333
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 4 of 4

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,904**	**N/A**	**Air**	**GC/MS V**	**N/A**	**06/06/07**	**070606L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	ND	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	ND	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	57-129		1,2-Dichloroethane-d4	92	47-137	
Toluene-d8	94	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0333
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,904	**Air**	**GC/MS V**	**N/A**	**06/06/07**	**070606L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	140	141	60-156	1	0-40	
Carbon Tetrachloride	141	148	64-154	5	0-32	
1,2-Dibromoethane	133	133	54-144	1	0-36	
1,2-Dichlorobenzene	133	137	34-160	3	0-47	
1,2-Dichloroethane	123	121	69-153	2	0-30	
1,2-Dichloropropane	128	126	67-157	1	0-35	
1,4-Dichlorobenzene	131	136	36-156	3	0-47	
c-1,3-Dichloropropene	149	150	61-157	0	0-35	
Ethylbenzene	144	146	52-154	1	0-38	
o-Xylene	129	132	52-148	2	0-38	
p/m-Xylene	124	125	42-156	1	0-41	
Tetrachloroethene	141	146	56-152	4	0-40	
Toluene	136	136	56-146	0	0-43	
Trichloroethene	138	143	63-159	3	0-34	
1,1,2-Trichloroethane	131	131	65-149	1	0-37	
Vinyl Chloride	87	92	45-177	5	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0333

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

0333

00210

PAGE 1 of 1

PROJECT NAME / FACILITY ID: HITACHI-GST
FIELD PERSON: C. RITCHIE
PROJECT NUMBER: 03-11903E
DATE: 6/5/07
PROJECT MANAGER: A. GATES
PROJECT LOCATION: SAN JOSE
LABORATORY: CALSCIENCE
IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: WO#:

SAMPLER: CHRIS RITCHIE
SIGNATURE: [signature]

SAMPLE I.D. NUMBER	SAMPLE DATE (YEAR 07)	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs TO-15								COMMENTS: 24-HR TAT
PT-C1IN-06052007-1105	6/5	1105	—	G	1	—	—	X								
PT-C1IN-06052007-1400	6/5	1400	—	G	1	—	—	X								PLEASE SEND
PT-C1IN-06052007-1640	6/5	1640	—	G	1	—	—	X								RESULTS TO
																CHRIS RITCHIE
																critchie@environcorp.com
																510-691-8217
					cancel			cancel								
TOTAL	X	X	X		X3			X3								

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
[signature]	1910 6/5/07	(COMPANY): FEDEX	1910 6/5/07
RELINQUISHED BY: FedEx	TIME/DATE:	RECEIVED BY: [signature]	TIME/DATE: 1000
		(COMPANY): Calscience	6/6/07
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: Y N Temp

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 0 6 - 0 3 3 3

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Environ DATE: 06.06.07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: [illegible]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: [illegible]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation	✓		

Initial: [illegible]

COMMENTS:

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: **07-06-0333** **QAPP:** **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	PT-C1IN-06052007-1105	A	06/05/2007	1	
2	PT-C1IN-06052007-1400	A	06/05/2007	1	
3	PT-C1IN-06052007-1640	A	06/05/2007	1	

Ranjit Clarke

From: Chris Ritchie [critchie@Environcorp.com]
Sent: Wednesday, June 06, 2007 9:56 PM
To: Ranjit Clarke
Subject: RE: Hitachi - GST / 03-11903E (06/05/07)

Yes, TO-15 full list w/ oxys.

Chris J. Ritchie
Senior Associate
ENVIRON International Corporation
6001 Shellmound Street Suite 700
Emeryville, CA 94608
510.655.7400
Fax: 510.655.9517
critchie@environcorp.com

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-----Original Message-----
From: Ranjit Clarke [mailto:RClarke@calscience.com]
Sent: Wednesday, June 06, 2007 1:18 PM
To: Chris Ritchie
Subject: COC: Hitachi - GST / 03-11903E (06/05/07)

Chris,

Attached is the COC for samples colllected on 06/05/07. Please confirm via reply to this e-mail that you do indeed require TO-15 full list plus oxygenates. The base price for this analysis is $200 per sample (as opposed to $175 per sample without the oxys).

Thanks,

> Ranjit K. K. Clarke
> Project Manager
> Calscience Environmental
> Laboratories, Inc.
> 7440 Lincoln Way
> Garden Grove, CA 92841-1427
> Tel.: 714-895-5494 Ext. 129
> Fax : 714-894-7501
> rclarke@calscience.com
>
> > <<07-06-0333.PDF>>

Calscience Environmental Laboratories, Inc.

June 12, 2007

Chris Ritchie
ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Subject: **Calscience Work Order No.: 07-06-0334**
Client Reference: Hitachi - GST / 03-11903E

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/6/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Ranjit K. K. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

Work Order Case Narrative

Project Name: **Hitachi - GST / 03-11903E**
Calscience Work Order Number(s): **07-06-0334**

On June 6, 2007, Calscience Environmental Laboratories, Inc. received two air samples associated with Hitachi - GST / 03-11903E. These samples are described in the accompanying chain of custody records. The laboratory sample receipt form immediately follows the corresponding chain of custody record.

The samples were received intact and chilled within the prescribed temperature preservation range. All samples and analyses were performed as requested on the accompanying chain of custody records. No anomalies were identified.

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/06/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0334
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 1 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C2EFF-06052007-1110	**07-06-0334-1**	**06/05/07**	**Air**	**GC/MS V**	**N/A**	**06/07/07**	**070606L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.018	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	ND	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	0.0047	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	0.0060	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.0079	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.0045	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.0093	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	57-129		1,2-Dichloroethane-d4	90	47-137	
Toluene-d8	94	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/06/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0334
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-AMB-06052007-1115	**07-06-0334-2**	**06/05/07**	**Air**	**GC/MS V**	**N/A**	**06/07/07**	**070606L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.027	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	0.0037	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	0.014	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	0.0040	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	0.0057	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	0.0012	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	0.0033	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.0069	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.0039	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.0083	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	88	57-129		1,2-Dichloroethane-d4	91	47-137	
Toluene-d8	90	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/06/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0334
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,904**	**N/A**	**Air**	**GC/MS V**	**N/A**	**06/06/07**	**070606L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	ND	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	ND	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	57-129		1,2-Dichloroethane-d4	92	47-137	
Toluene-d8	94	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0334
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,904	**Air**	**GC/MS V**	**N/A**	**06/06/07**	**070606L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	140	141	60-156	1	0-40	
Carbon Tetrachloride	141	148	64-154	5	0-32	
1,2-Dibromoethane	133	133	54-144	1	0-36	
1,2-Dichlorobenzene	133	137	34-160	3	0-47	
1,2-Dichloroethane	123	121	69-153	2	0-30	
1,2-Dichloropropane	128	126	67-157	1	0-35	
1,4-Dichlorobenzene	131	136	36-156	3	0-47	
c-1,3-Dichloropropene	149	150	61-157	0	0-35	
Ethylbenzene	144	146	52-154	1	0-38	
o-Xylene	129	132	52-148	2	0-38	
p/m-Xylene	124	125	42-156	1	0-41	
Tetrachloroethene	141	146	56-152	4	0-40	
Toluene	136	136	56-146	0	0-43	
Trichloroethene	138	143	63-159	3	0-34	
1,1,2-Trichloroethane	131	131	65-149	1	0-37	
Vinyl Chloride	87	92	45-177	5	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0334

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

0334

00211

PAGE 1 of 1

PROJECT NAME / FACILITY ID: HITACHI -GST FIELD PERSON: C. RITCHIE

PROJECT NUMBER: 03-119903E DATE: 6/05/07 PROJECT MANAGER: A. GATES

PROJECT LOCATION: SAN JOSE LABORATORY: CALSCIENCE

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: WO#:

SAMPLER: CHRIS RITCHIE

SIGNATURE:

SAMPLE I.D. NUMBER	SAMPLE DATE (YEAR '07)	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs by TO-15								COMMENTS
PT-C2EFF-06052007-1110	6/5	1110	–	G	1	–	–	X								
PT-AMB-06052007-1115	6/5	1115	–	G	1	–	–	X								PLEASE SEND RESULTS TO CHRIS RITCHIE critchie@environcorp.com
TOTAL	X	X	X		2			2								

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	1910 6/5/07	(COMPANY): FEDEX	1910 6/5/07
			1000
		(COMPANY): Sun-Tama Air	06/06/07

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY: INTACT: Y N Temp

IF SEALED, SEAL INTEGRITY: INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 0 6 - 0 3 3 4

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Environ **DATE:** 06.06.07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation	✓		

Initial: [signature]

COMMENTS:

Calscience Environmental Laboratories, Inc.

June 12, 2007

Anne Gates
ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Subject: **Calscience Work Order No.: 07-06-0444**
Client Reference: Hitachi - GST / 03-11903E

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/7/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Ranjit K. K. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

Work Order Case Narrative

Project Name: **Hitachi - GST / 03-11903E**
Calscience Work Order Number(s): **07-06-0444**

On June 7, 2007, Calscience Environmental Laboratories, Inc. received six air samples associated with Hitachi - GST / 03-11903E. These samples are described in the accompanying chain of custody records. The laboratory sample receipt form immediately follows the corresponding chain of custody record.

The samples were received intact and chilled within the prescribed temperature preservation range. All samples and analyses were performed as requested on the accompanying chain of custody records. No anomalies were identified.

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 1 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06062007-0700	**07-06-0444-1**	**06/06/07**	**Air**	**GC/MS AA**	**N/A**	**06/07/07**	**070607L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.024	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzene	ND	0.0080	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Benzyl Chloride	ND	0.026	5		Ethylbenzene	ND	0.011	5	
Bromodichloromethane	ND	0.017	5		4-Ethyltoluene	ND	0.012	5	
Bromoform	ND	0.026	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
Bromomethane	ND	0.0097	5		2-Hexanone	ND	0.020	5	
2-Butanone	0.015	0.015	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Disulfide	0.015	0.0078	5		Methylene Chloride	ND	0.17	5	
Carbon Tetrachloride	0.081	0.016	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chlorobenzene	ND	0.012	5		o-Xylene	ND	0.011	5	
Chloroethane	ND	0.0066	5		p/m-Xylene	ND	0.022	5	
Chloroform	24	0.61	250		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	0.020	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	ND	0.0094	5	
1,1-Dichloroethane	0.043	0.010	5		Trichloroethene	1.3	0.013	5	
1,1-Dichloroethene	0.53	0.0099	5		Trichlorofluoromethane	ND	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.21	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	0.97	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	
t-1,2-Dichloroethene	ND	0.0099	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	57-129		1,2-Dichloroethane-d4	102	47-137	
Toluene-d8	98	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 2 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06062007-1130	**07-06-0444-2**	**06/06/07**	**Air**	**GC/MS AA**	**N/A**	**06/07/07**	**070607L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.024	0.024	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzene	ND	0.0080	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Benzyl Chloride	ND	0.026	5		Ethylbenzene	ND	0.011	5	
Bromodichloromethane	ND	0.017	5		4-Ethyltoluene	ND	0.012	5	
Bromoform	ND	0.026	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
Bromomethane	ND	0.0097	5		2-Hexanone	ND	0.020	5	
2-Butanone	0.018	0.015	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Disulfide	0.018	0.0078	5		Methylene Chloride	ND	0.17	5	
Carbon Tetrachloride	0.086	0.016	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chlorobenzene	ND	0.012	5		o-Xylene	ND	0.011	5	
Chloroethane	ND	0.0066	5		p/m-Xylene	ND	0.022	5	
Chloroform	26	0.61	250		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	0.021	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	ND	0.0094	5	
1,1-Dichloroethane	0.045	0.010	5		Trichloroethene	1.6	0.11	40	
1,1-Dichloroethene	0.55	0.0099	5		Trichlorofluoromethane	ND	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.20	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	0.97	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	
t-1,2-Dichloroethene	ND	0.0099	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	57-129		1,2-Dichloroethane-d4	103	47-137	
Toluene-d8	100	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 3 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1EFF-06062007-1130	**07-06-0444-3**	**06/06/07**	**Air**	**GC/MS AA**	**N/A**	**06/08/07**	**070607L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.026	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	0.0029	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	0.017	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	0.0025	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.0054	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.0025	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.0057	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	57-129		1,2-Dichloroethane-d4	95	47-137	
Toluene-d8	100	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 4 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06062007-1505	**07-06-0444-4**	**06/06/07**	**Air**	**GC/MS AA**	**N/A**	**06/08/07**	**070607L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.033	0.024	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzene	ND	0.0080	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Benzyl Chloride	ND	0.026	5		Ethylbenzene	ND	0.011	5	
Bromodichloromethane	ND	0.017	5		4-Ethyltoluene	ND	0.012	5	
Bromoform	ND	0.026	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
Bromomethane	ND	0.0097	5		2-Hexanone	ND	0.020	5	
2-Butanone	0.026	0.015	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Disulfide	0.022	0.0078	5		Methylene Chloride	ND	0.17	5	
Carbon Tetrachloride	0.087	0.016	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chlorobenzene	ND	0.012	5		o-Xylene	ND	0.011	5	
Chloroethane	ND	0.0066	5		p/m-Xylene	ND	0.022	5	
Chloroform	24	0.61	250		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	0.023	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	ND	0.0094	5	
1,1-Dichloroethane	0.047	0.010	5		Trichloroethene	1.5	0.11	40	
1,1-Dichloroethene	0.54	0.0099	5		Trichlorofluoromethane	ND	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.19	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	1.0	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	
t-1,2-Dichloroethene	ND	0.0099	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	57-129		1,2-Dichloroethane-d4	103	47-137	
Toluene-d8	89	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 5 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06062007-1805	**07-06-0444-5**	**06/06/07**	**Air**	**GC/MS AA**	**N/A**	**06/08/07**	**070607L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.031	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	0.025	0.0072	1	
Carbon Disulfide	0.013	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	0.085	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	ND	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	24	0.61	250		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	0.026	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.0036	0.0019	1	
1,1-Dichloroethane	0.040	0.0020	1		Trichloroethene	1.2	0.054	20	
1,1-Dichloroethene	0.46	0.040	20		Trichlorofluoromethane	0.012	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.15	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	0.88	0.055	20	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	0.0077	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	57-129		1,2-Dichloroethane-d4	83	47-137	
Toluene-d8	83	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 6 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1EFF-06062007-1805	**07-06-0444-6**	**06/06/07**	**Air**	**GC/MS AA**	**N/A**	**06/08/07**	**070607L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.048	0.024	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzene	ND	0.0080	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Benzyl Chloride	ND	0.026	5		Ethylbenzene	ND	0.011	5	
Bromodichloromethane	ND	0.017	5		4-Ethyltoluene	ND	0.012	5	
Bromoform	ND	0.026	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
Bromomethane	ND	0.0097	5		2-Hexanone	ND	0.020	5	
2-Butanone	0.038	0.015	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Disulfide	0.024	0.0078	5		Methylene Chloride	ND	0.17	5	
Carbon Tetrachloride	ND	0.016	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chlorobenzene	ND	0.012	5		o-Xylene	ND	0.011	5	
Chloroethane	ND	0.0066	5		p/m-Xylene	ND	0.022	5	
Chloroform	ND	0.012	5		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	ND	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	0.044	0.0094	5	
1,1-Dichloroethane	ND	0.010	5		Trichloroethene	ND	0.013	5	
1,1-Dichloroethene	ND	0.0099	5		Trichlorofluoromethane	ND	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	ND	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	
t-1,2-Dichloroethene	ND	0.0099	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	87	57-129		1,2-Dichloroethane-d4	100	47-137	
Toluene-d8	87	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 7 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,907**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/07/07**	**070607L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	ND	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	ND	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	57-129		1,2-Dichloroethane-d4	99	47-137	
Toluene-d8	104	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 8 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,910**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	ND	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	ND	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	57-129		1,2-Dichloroethane-d4	107	47-137	
Toluene-d8	93	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/07/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0444
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 9 of 9

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,913**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/12/07**	**070612L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	ND	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	ND	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	57-129		1,2-Dichloroethane-d4	89	47-137	
Toluene-d8	78	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0444
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,907	**Air**	**GC/MS AA**	**N/A**	**06/07/07**	**070607L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	106	60-156	1	0-40	
Carbon Tetrachloride	114	110	64-154	4	0-32	
1,2-Dibromoethane	102	102	54-144	1	0-36	
1,2-Dichlorobenzene	101	101	34-160	0	0-47	
1,2-Dichloroethane	109	109	69-153	1	0-30	
1,2-Dichloropropane	108	108	67-157	1	0-35	
1,4-Dichlorobenzene	103	105	36-156	2	0-47	
c-1,3-Dichloropropene	123	123	61-157	0	0-35	
Ethylbenzene	119	118	52-154	0	0-38	
o-Xylene	116	117	52-148	1	0-38	
p/m-Xylene	108	109	42-156	1	0-41	
Tetrachloroethene	105	103	56-152	1	0-40	
Toluene	112	112	56-146	0	0-43	
Trichloroethene	116	114	63-159	2	0-34	
1,1,2-Trichloroethane	108	107	65-149	0	0-37	
Vinyl Chloride	113	111	45-177	2	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0444
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,910	**Air**	**GC/MS AA**	**N/A**	**06/11/07**	**070611L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	74	60-156	22	0-40	
Carbon Tetrachloride	144	112	64-154	25	0-32	
1,2-Dibromoethane	116	94	54-144	21	0-36	
1,2-Dichlorobenzene	121	89	34-160	31	0-47	
1,2-Dichloroethane	104	85	69-153	20	0-30	
1,2-Dichloropropane	96	77	67-157	22	0-35	
1,4-Dichlorobenzene	127	93	36-156	31	0-47	
c-1,3-Dichloropropene	118	93	61-157	24	0-35	
Ethylbenzene	136	111	52-154	20	0-38	
o-Xylene	146	116	52-148	23	0-38	
p/m-Xylene	127	104	42-156	20	0-41	
Tetrachloroethene	134	107	56-152	22	0-40	
Toluene	106	90	56-146	16	0-43	
Trichloroethene	130	104	63-159	22	0-34	
1,1,2-Trichloroethane	106	90	65-149	16	0-37	
Vinyl Chloride	115	90	45-177	24	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0444
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,913	**Air**	**GC/MS AA**	**N/A**	**06/12/07**	**070612L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	104	60-156	6	0-40	
Carbon Tetrachloride	92	98	64-154	7	0-32	
1,2-Dibromoethane	99	108	54-144	8	0-36	
1,2-Dichlorobenzene	99	112	34-160	12	0-47	
1,2-Dichloroethane	93	99	69-153	6	0-30	
1,2-Dichloropropane	90	99	67-157	9	0-35	
1,4-Dichlorobenzene	112	126	36-156	11	0-47	
c-1,3-Dichloropropene	94	102	61-157	8	0-35	
Ethylbenzene	114	127	52-154	11	0-38	
o-Xylene	120	134	52-148	11	0-38	
p/m-Xylene	109	120	42-156	10	0-41	
Tetrachloroethene	109	116	56-152	6	0-40	
Toluene	113	123	56-146	9	0-43	
Trichloroethene	98	108	63-159	9	0-34	
1,1,2-Trichloroethane	82	92	65-149	11	0-37	
Vinyl Chloride	98	98	45-177	0	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0444

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

(0444)

00212

PAGE 1 of 1

PROJECT NAME / FACILITY ID: HITACHI-GST
FIELD PERSON: C. RITCHIE
PROJECT NUMBER: 03-11903E
DATE: 06/06/07
PROJECT MANAGER: A. GATES
PROJECT LOCATION: SAN JOSE
LABORATORY: CALSCIENCE
IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: WO#:

SAMPLER: C. RITCHIE
SIGNATURE:

SAMPLE I.D. NUMBER	SAMPLE DATE (YEAR 07)	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs by TO-15 w/ oxygenates	COMMENTS: 24 HR TAT
PT-C1IN-06062007-0700	6/6	0700	—	G	1	—	—	X	PLEASE EMAIL
PT-C1IN-06062007-1130	6/6	1130	—	G	1	—	—	X	RESULTS TO
PT-C1EFF-06062007-1130	6/6	1130	—	G	1	—	—	X	CHRIS RITCHIE
PT-C1IN-06062007-1505	6/6	1505	—	G	1	—	—	X	critchie@environcorp.com
PT-C1IN-06062007-1805	6/6	1805	—	G	1	—	—	X	AND ANNE GATES
PT-C1EFF-06062007-1805	6/6	1805	—	G	1	—	—	X	AGATES@environcorp.com
									510-691-8217
TOTAL	X	X	X		6			6	

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
[signature]	1930 6/6/07	(COMPANY): FEDEX	1930 6/6/07
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY): [signature]	6/7/07 0930
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: Y N Temp____

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: **07-06-0444** **QAPP:** **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	PT-C1IN-06062007-0700	A	06/06/2007	1	
2	PT-C1IN-06062007-1130	A	06/06/2007	1	
3	PT-C1EFF-06062007-1130	A	06/06/2007	1	
4	PT-C1IN-06062007-1505	A	06/06/2007	1	
5	PT-C1IN-06062007-1805	A	06/06/2007	1	
6	PT-C1EFF-06062007-1805	A	06/06/2007	1	

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 0 6 - 0 4 4 4

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Environ DATE: 6/7/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: ✓ 8

Initial: JP

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation	✓		

Initial: JP

COMMENTS:

Calscience Environmental Laboratories, Inc.

June 13, 2007

Anne Gates
ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Subject: **Calscience Work Order No.: 07-06-0609**
Client Reference: Hitachi - GST / 03-11903E

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/8/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Ranjit K. K. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

Work Order Case Narrative

Project Name: **Hitachi - GST / 03-11903E**
Calscience Work Order Number(s): **07-06-0609**

On June 8, 2007, Calscience Environmental Laboratories, Inc. received seven air samples associated with Hitachi - GST / 03-11903E. These samples are described in the accompanying chain of custody records. The laboratory sample receipt form immediately follows the corresponding chain of custody record.

The samples were received intact and within the prescribed temperature preservation range for this matrix. All samples and analyses were performed as requested on the accompanying chain of custody records. No anomalies were identified.

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 1 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06072007-0805	**07-06-0609-1**	**06/07/07**	**Air**	**GC/MS AA**	**N/A**	**06/09/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.036	0.024	5		t-1,2-Dichloroethene	ND	0.0099	5	
Benzene	ND	0.0080	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzyl Chloride	ND	0.026	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Bromodichloromethane	ND	0.017	5		Ethylbenzene	ND	0.011	5	
Bromoform	ND	0.026	5		4-Ethyltoluene	ND	0.012	5	
Bromomethane	ND	0.0097	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
2-Butanone	ND	0.015	5		2-Hexanone	ND	0.020	5	
Carbon Disulfide	0.024	0.0078	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Tetrachloride	0.081	0.016	5		Methylene Chloride	ND	0.17	5	
Chlorobenzene	ND	0.012	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chloroethane	ND	0.0066	5		Xylenes (total)	ND	0.022	5	
Chloroform	22	0.61	250		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	0.019	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	ND	0.0094	5	
1,1-Dichloroethane	0.042	0.010	5		Trichloroethene	1.3	0.013	5	
1,1-Dichloroethene	0.44	0.0099	5		Trichlorofluoromethane	ND	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.14	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	0.90	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	89	57-129		1,2-Dichloroethane-d4	101	47-137	
Toluene-d8	92	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 2 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1EFF-06072007-1205	**07-06-0609-2**	**06/07/07**	**Air**	**GC/MS AA**	**N/A**	**06/09/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.039	0.0047	1		t-1,2-Dichloroethene	ND	0.0020	1	
Benzene	0.0072	0.0016	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzyl Chloride	ND	0.0052	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Bromodichloromethane	ND	0.0034	1		Ethylbenzene	0.014	0.0022	1	
Bromoform	ND	0.0052	1		4-Ethyltoluene	0.021	0.0025	1	
Bromomethane	ND	0.0019	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
2-Butanone	0.018	0.0029	1		2-Hexanone	ND	0.0041	1	
Carbon Disulfide	0.023	0.0016	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Tetrachloride	ND	0.0031	1		Methylene Chloride	ND	0.035	1	
Chlorobenzene	ND	0.0023	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chloroethane	ND	0.0013	1		Xylenes (total)	0.069	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	0.037	0.0043	1	
Chloromethane	0.0015	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.078	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.020	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.082	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	100	57-129		1,2-Dichloroethane-d4	88	47-137	
Toluene-d8	91	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 3 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06072007-1205	**07-06-0609-3**	**06/07/07**	**Air**	**GC/MS AA**	**N/A**	**06/10/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.061	0.024	5		t-1,2-Dichloroethene	ND	0.0099	5	
Benzene	ND	0.0080	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzyl Chloride	ND	0.026	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Bromodichloromethane	ND	0.017	5		Ethylbenzene	ND	0.011	5	
Bromoform	ND	0.026	5		4-Ethyltoluene	ND	0.012	5	
Bromomethane	ND	0.0097	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
2-Butanone	0.018	0.015	5		2-Hexanone	ND	0.020	5	
Carbon Disulfide	0.029	0.0078	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Tetrachloride	0.083	0.016	5		Methylene Chloride	ND	0.17	5	
Chlorobenzene	ND	0.012	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chloroethane	ND	0.0066	5		Xylenes (total)	ND	0.022	5	
Chloroform	23	0.61	250		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	0.023	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	ND	0.0094	5	
1,1-Dichloroethane	0.046	0.010	5		Trichloroethene	1.3	0.11	40	
1,1-Dichloroethene	0.47	0.0099	5		Trichlorofluoromethane	ND	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.15	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	0.95	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	57-129		1,2-Dichloroethane-d4	108	47-137	
Toluene-d8	108	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 4 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1EFF-06072007-1350	**07-06-0609-4**	**06/07/07**	**Air**	**GC/MS AA**	**N/A**	**06/10/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.069	0.0047	1		t-1,2-Dichloroethene	ND	0.0020	1	
Benzene	0.0091	0.0016	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzyl Chloride	ND	0.0052	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Bromodichloromethane	ND	0.0034	1		Ethylbenzene	0.0033	0.0022	1	
Bromoform	ND	0.0052	1		4-Ethyltoluene	0.0039	0.0025	1	
Bromomethane	ND	0.0019	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
2-Butanone	0.037	0.0029	1		2-Hexanone	ND	0.0041	1	
Carbon Disulfide	0.024	0.0016	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Tetrachloride	ND	0.0031	1		Methylene Chloride	ND	0.035	1	
Chlorobenzene	ND	0.0023	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chloroethane	ND	0.0013	1		Xylenes (total)	0.021	0.0043	1	
Chloroform	0.61	0.012	5		Styrene	ND	0.0043	1	
Chloromethane	0.0021	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.080	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	0.087	0.0027	1	
1,1-Dichloroethene	0.0034	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	0.014	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.0069	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.017	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	57-129		1,2-Dichloroethane-d4	90	47-137	
Toluene-d8	89	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 5 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06072007-1350	**07-06-0609-5**	**06/07/07**	**Air**	**GC/MS AA**	**N/A**	**06/10/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.12	0.030	6.25		t-1,2-Dichloroethene	ND	0.012	6.25	
Benzene	0.018	0.010	6.25		t-1,3-Dichloropropene	ND	0.028	6.25	
Benzyl Chloride	ND	0.032	6.25		Ethyl-t-Butyl Ether (ETBE)	ND	0.052	6.25	
Bromodichloromethane	ND	0.021	6.25		Ethylbenzene	ND	0.014	6.25	
Bromoform	ND	0.032	6.25		4-Ethyltoluene	ND	0.015	6.25	
Bromomethane	ND	0.012	6.25		Hexachloro-1,3-Butadiene	ND	0.067	6.25	
2-Butanone	0.027	0.018	6.25		2-Hexanone	ND	0.026	6.25	
Carbon Disulfide	0.053	0.0097	6.25		Methyl-t-Butyl Ether (MTBE)	ND	0.045	6.25	
Carbon Tetrachloride	0.074	0.020	6.25		Methylene Chloride	ND	0.22	6.25	
Chlorobenzene	ND	0.014	6.25		4-Methyl-2-Pentanone	ND	0.026	6.25	
Chloroethane	ND	0.0082	6.25		Xylenes (total)	ND	0.027	6.25	
Chloroform	19	0.61	250		Styrene	ND	0.027	6.25	
Chloromethane	ND	0.0065	6.25		Tert-Amyl-Methyl Ether (TAME)	ND	0.081	6.25	
Dibromochloromethane	ND	0.027	6.25		Tert-Butyl Alcohol (TBA)	0.042	0.038	6.25	
Dichlorodifluoromethane	ND	0.015	6.25		Tetrachloroethene	ND	0.021	6.25	
Diisopropyl Ether (DIPE)	ND	0.052	6.25		Toluene	0.13	0.012	6.25	
1,1-Dichloroethane	0.041	0.013	6.25		Trichloroethene	1.1	0.017	6.25	
1,1-Dichloroethene	0.46	0.012	6.25		Trichlorofluoromethane	ND	0.035	6.25	
1,2-Dibromoethane	ND	0.024	6.25		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.15	0.048	6.25	
Dichlorotetrafluoroethane	ND	0.087	6.25		1,1,1-Trichloroethane	0.84	0.017	6.25	
1,2-Dichlorobenzene	ND	0.019	6.25		1,1,2-Trichloroethane	ND	0.017	6.25	
1,2-Dichloroethane	ND	0.013	6.25		1,3,5-Trimethylbenzene	ND	0.015	6.25	
1,2-Dichloropropane	ND	0.014	6.25		1,1,2,2-Tetrachloroethane	ND	0.043	6.25	
1,3-Dichlorobenzene	ND	0.019	6.25		1,2,4-Trimethylbenzene	ND	0.031	6.25	
1,4-Dichlorobenzene	ND	0.019	6.25		1,2,4-Trichlorobenzene	ND	0.046	6.25	
c-1,3-Dichloropropene	ND	0.014	6.25		Vinyl Acetate	ND	0.022	6.25	
c-1,2-Dichloroethene	ND	0.012	6.25		Vinyl Chloride	ND	0.0080	6.25	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	99	57-129		1,2-Dichloroethane-d4	113	47-137	
Toluene-d8	97	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 6 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06072007-1640	**07-06-0609-6**	**06/07/07**	**Air**	**GC/MS AA**	**N/A**	**06/10/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.065	0.024	5		t-1,2-Dichloroethene	ND	0.0099	5	
Benzene	0.075	0.0080	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzyl Chloride	ND	0.026	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Bromodichloromethane	ND	0.017	5		Ethylbenzene	ND	0.011	5	
Bromoform	ND	0.026	5		4-Ethyltoluene	ND	0.012	5	
Bromomethane	ND	0.0097	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
2-Butanone	0.024	0.015	5		2-Hexanone	ND	0.020	5	
Carbon Disulfide	0.021	0.0078	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Tetrachloride	0.047	0.016	5		Methylene Chloride	ND	0.17	5	
Chlorobenzene	ND	0.012	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chloroethane	ND	0.0066	5		Xylenes (total)	ND	0.022	5	
Chloroform	23	0.61	250		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	0.026	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	0.079	0.0094	5	
1,1-Dichloroethane	0.027	0.010	5		Trichloroethene	0.95	0.013	5	
1,1-Dichloroethene	0.25	0.0099	5		Trichlorofluoromethane	0.059	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.17	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	0.62	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	96	57-129		1,2-Dichloroethane-d4	104	47-137	
Toluene-d8	91	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 7 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1EFF-06072007-1640	**07-06-0609-7**	**06/07/07**	**Air**	**GC/MS AA**	**N/A**	**06/10/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.084	0.0047	1		t-1,2-Dichloroethene	ND	0.0020	1	
Benzene	0.071	0.0016	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzyl Chloride	ND	0.0052	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Bromodichloromethane	ND	0.0034	1		Ethylbenzene	0.0046	0.0022	1	
Bromoform	ND	0.0052	1		4-Ethyltoluene	0.0040	0.0025	1	
Bromomethane	ND	0.0019	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
2-Butanone	0.034	0.0029	1		2-Hexanone	ND	0.0041	1	
Carbon Disulfide	0.030	0.0016	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Tetrachloride	ND	0.0031	1		Methylene Chloride	ND	0.035	1	
Chlorobenzene	ND	0.0023	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chloroethane	ND	0.0013	1		Xylenes (total)	0.026	0.0043	1	
Chloroform	0.56	0.012	5		Styrene	ND	0.0043	1	
Chloromethane	0.0014	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	0.0063	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.099	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	0.056	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	0.0091	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.0069	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.015	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	94	57-129		1,2-Dichloroethane-d4	95	47-137	
Toluene-d8	83	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 8 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,912**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/09/07**	**070609L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,2-Dichloroethene	ND	0.0020	1	
Benzene	ND	0.0016	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzyl Chloride	ND	0.0052	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Bromodichloromethane	ND	0.0034	1		Ethylbenzene	ND	0.0022	1	
Bromoform	ND	0.0052	1		4-Ethyltoluene	ND	0.0025	1	
Bromomethane	ND	0.0019	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
2-Butanone	ND	0.0029	1		2-Hexanone	ND	0.0041	1	
Carbon Disulfide	ND	0.0016	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Tetrachloride	ND	0.0031	1		Methylene Chloride	ND	0.035	1	
Chlorobenzene	ND	0.0023	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chloroethane	ND	0.0013	1		Xylenes (total)	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	96	57-129		1,2-Dichloroethane-d4	101	47-137	
Toluene-d8	101	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 9 of 10

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,913**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/12/07**	**070612L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,2-Dichloroethene	ND	0.0020	1	
Benzene	ND	0.0016	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzyl Chloride	ND	0.0052	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Bromodichloromethane	ND	0.0034	1		Ethylbenzene	ND	0.0022	1	
Bromoform	ND	0.0052	1		4-Ethyltoluene	ND	0.0025	1	
Bromomethane	ND	0.0019	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
2-Butanone	ND	0.0029	1		2-Hexanone	ND	0.0041	1	
Carbon Disulfide	ND	0.0016	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Tetrachloride	ND	0.0031	1		Methylene Chloride	ND	0.035	1	
Chlorobenzene	ND	0.0023	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chloroethane	ND	0.0013	1		Xylenes (total)	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	57-129		1,2-Dichloroethane-d4	89	47-137	
Toluene-d8	78	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/08/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0609
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L

Project: Hitachi - GST / 03-11903E

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,919**	**N/A**	**Air**	**GC/MS II**	**N/A**	**06/12/07**	**070612L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,2-Dichloroethene	ND	0.0020	1	
Benzene	ND	0.0016	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzyl Chloride	ND	0.0052	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Bromodichloromethane	ND	0.0034	1		Ethylbenzene	ND	0.0022	1	
Bromoform	ND	0.0052	1		4-Ethyltoluene	ND	0.0025	1	
Bromomethane	ND	0.0019	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
2-Butanone	ND	0.0029	1		2-Hexanone	ND	0.0041	1	
Carbon Disulfide	ND	0.0016	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Tetrachloride	ND	0.0031	1		Methylene Chloride	ND	0.035	1	
Chlorobenzene	ND	0.0023	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chloroethane	ND	0.0013	1		Xylenes (total)	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	97	57-129		1,2-Dichloroethane-d4	103	47-137	
Toluene-d8	92	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0609
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,912	**Air**	**GC/MS AA**	**N/A**	**06/09/07**	**070609L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	98	60-156	5	0-40	
Carbon Tetrachloride	113	110	64-154	3	0-32	
1,2-Dibromoethane	102	96	54-144	6	0-36	
1,2-Dichlorobenzene	105	99	34-160	5	0-47	
1,2-Dichloroethane	106	106	69-153	0	0-30	
1,2-Dichloropropane	102	98	67-157	4	0-35	
1,4-Dichlorobenzene	108	103	36-156	5	0-47	
c-1,3-Dichloropropene	111	108	61-157	2	0-35	
Ethylbenzene	118	111	52-154	6	0-38	
o-Xylene	117	111	52-148	6	0-38	
p/m-Xylene	109	104	42-156	5	0-41	
Tetrachloroethene	108	102	56-152	6	0-40	
Toluene	111	105	56-146	5	0-43	
Trichloroethene	116	111	63-159	4	0-34	
1,1,2-Trichloroethane	94	92	65-149	3	0-37	
Vinyl Chloride	103	100	45-177	3	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0609
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,913	**Air**	**GC/MS AA**	**N/A**	**06/12/07**	**070612L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	104	60-156	6	0-40	
Carbon Tetrachloride	92	98	64-154	7	0-32	
1,2-Dibromoethane	99	108	54-144	8	0-36	
1,2-Dichlorobenzene	99	112	34-160	12	0-47	
1,2-Dichloroethane	93	99	69-153	6	0-30	
1,2-Dichloropropane	90	99	67-157	9	0-35	
1,4-Dichlorobenzene	112	126	36-156	11	0-47	
c-1,3-Dichloropropene	94	102	61-157	8	0-35	
Ethylbenzene	114	127	52-154	11	0-38	
o-Xylene	120	134	52-148	11	0-38	
p/m-Xylene	109	120	42-156	10	0-41	
Tetrachloroethene	109	116	56-152	6	0-40	
Toluene	113	123	56-146	9	0-43	
Trichloroethene	98	108	63-159	9	0-34	
1,1,2-Trichloroethane	82	92	65-149	11	0-37	
Vinyl Chloride	98	98	45-177	0	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0609
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,919	**Air**	**GC/MS II**	**N/A**	**06/12/07**	**070612L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	117	118	60-156	1	0-40	
Carbon Tetrachloride	120	123	64-154	3	0-32	
1,2-Dibromoethane	115	118	54-144	2	0-36	
1,2-Dichlorobenzene	117	123	34-160	5	0-47	
1,2-Dichloroethane	111	113	69-153	1	0-30	
1,2-Dichloropropane	113	115	67-157	2	0-35	
1,4-Dichlorobenzene	116	123	36-156	5	0-47	
c-1,3-Dichloropropene	120	121	61-157	1	0-35	
Ethylbenzene	128	133	52-154	4	0-38	
o-Xylene	129	136	52-148	5	0-38	
p/m-Xylene	118	124	42-156	5	0-41	
Tetrachloroethene	117	119	56-152	1	0-40	
Toluene	124	126	56-146	2	0-43	
Trichloroethene	118	120	63-159	2	0-34	
1,1,2-Trichloroethane	118	120	65-149	1	0-37	
Vinyl Chloride	108	110	45-177	1	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0609

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

0609

00213

PAGE 1 of 1

PROJECT NAME / FACILITY ID: HITACHI - GST
FIELD PERSON: C. RITCHIE
PROJECT NUMBER: 03-11903E
DATE: 6/7/06
PROJECT MANAGER: A. GATES
PROJECT LOCATION: SAN JOSE
LABORATORY: CALSCIENCE

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: _____ WO#: _____

SAMPLER: C. RITCHIE
SIGNATURE: [signature]

	SAMPLE I.D. NUMBER	SAMPLE DATE (YEAR 07)	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs by TO-15 w/oxygenates								COMMENTS
1	PT-C1IN-06072007-0805	6/7	0805	—	G	1	—	—	X								PLEASE EMAIL
2	PT-C1EFF-06072007-1205	6/7	1205	—	G	1	—	—	X								RESULTS TO
3	PT-C1IN-06072007-1205	6/7	1205	—	G	1	—	—	X								CHRIS RITCHIE
4	PT-C1EFF-06072007-1350	6/7	1305	—	G	1	—	—	X								critchie@environcorp.com
5	PT-C1IN-06072007-1350	6/7	1305	—	G	1	—	—	X								AND ANNE GATES
6	PT-C1IN-06072007-1640	6/7	1640	—	G	1	—	—	X								agates@environcorp.com.
7	PT-C1EFF-06072007-1640	6/7	1640	—	G	1	—	—	X								cell. 510-691-8217
	TOTAL	X	X	X		7			7								

48-HR TAT

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
[signature]	1930 6/7/07	FED EX	1930 6/7/07
FedEx	1000 / 06-08-07	[signature]	1000 / 06-08-07

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY: INTACT: Y N Temp Ambient

IF SEALED, SEAL INTEGRITY: INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: **07-06-0609** **QAPP:** **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	PT-C1IN-06072007-0805	A	06/07/2007	1	
2	PT-C1EFF-06072007-1205	A	06/07/2007	1	
3	PT-C1IN-06072007-1205	A	06/07/2007	1	
4	PT-C1EFF-06072007-1350	A	06/07/2007	1	
5	PT-C1IN-06072007-1350	A	06/07/2007	1	
6	PT-C1IN-06072007-1640	A	06/07/2007	1	
7	PT-C1EFF-06072007-1640	A	06/07/2007	1	

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 06 - 0609

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Environ

DATE: 06/08/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: NC

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			

Initial: NC

COMMENTS:

Calscience Environmental Laboratories, Inc.

June 13, 2007

Chris Ritchie
ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Subject: **Calscience Work Order No.: 07-06-0698**
Client Reference: Hitachi - GST / 03-11903E

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/9/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Ranjit K. K. Clarke

Calscience Environmental
Laboratories, Inc.
Ranjit Clarke
Project Manager

Calscience Environmental Laboratories, Inc.

Work Order Case Narrative

Project Name: **Hitachi - GST / 03-11903E**
Calscience Work Order Number(s): **07-06-0698**

On June 9, 2007, Calscience Environmental Laboratories, Inc. received six air samples associated with Hitachi - GST / 03-11903E. These samples are described in the accompanying chain of custody records. The laboratory sample receipt form immediately follows the corresponding chain of custody record.

The samples were received intact and within the prescribed temperature preservation range for this sample matrix. All samples and analyses were performed as requested on the accompanying chain of custody records. No anomalies were identified with the following exception:

1. Calscience received six tedlar bags associated with this project on 06/09/07. Two of the bags had the same sample ID, “PT-C1IN-06082007-0830”. It was also observed that there were no bags labeled “PT-C1EFF-06082007-0830”. Both of the bags with the same ID were analyzed. The bag with the higher VOCs results was reported as the “IN’ sample, while the cleaner of the two was reported as the “EFF” sample.

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/09/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0698
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 1 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06082007-0830	**07-06-0698-1**	**06/08/07**	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.076	16		t-1,3-Dichloropropene	ND	0.073	16	
Benzene	0.11	0.026	16		Ethyl-t-Butyl Ether (ETBE)	ND	0.13	16	
Benzyl Chloride	ND	0.083	16		Ethylbenzene	ND	0.035	16	
Bromodichloromethane	ND	0.054	16		4-Ethyltoluene	ND	0.039	16	
Bromoform	ND	0.083	16		Hexachloro-1,3-Butadiene	ND	0.17	16	
Bromomethane	ND	0.031	16		2-Hexanone	ND	0.066	16	
2-Butanone	ND	0.047	16		Methyl-t-Butyl Ether (MTBE)	ND	0.12	16	
Carbon Disulfide	ND	0.025	16		Methylene Chloride	ND	0.56	16	
Carbon Tetrachloride	0.072	0.050	16		4-Methyl-2-Pentanone	ND	0.066	16	
Chlorobenzene	ND	0.037	16		o-Xylene	ND	0.035	16	
Chloroethane	ND	0.021	16		p/m-Xylene	ND	0.069	16	
Chloroform	17	0.98	400		Styrene	ND	0.068	16	
Chloromethane	ND	0.017	16		Tert-Amyl-Methyl Ether (TAME)	ND	0.21	16	
Dibromochloromethane	ND	0.068	16		Tert-Butyl Alcohol (TBA)	ND	0.097	16	
Dichlorodifluoromethane	ND	0.040	16		Tetrachloroethene	ND	0.054	16	
Diisopropyl Ether (DIPE)	ND	0.13	16		Toluene	0.080	0.030	16	
1,1-Dichloroethane	ND	0.032	16		Trichloroethene	1.1	0.043	16	
1,1-Dichloroethene	0.23	0.032	16		Trichlorofluoromethane	ND	0.090	16	
1,2-Dibromoethane	ND	0.061	16		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.14	0.12	16	
Dichlorotetrafluoroethane	ND	0.22	16		1,1,1-Trichloroethane	0.57	0.044	16	
1,2-Dichlorobenzene	ND	0.048	16		1,1,2-Trichloroethane	ND	0.044	16	
1,2-Dichloroethane	ND	0.032	16		1,3,5-Trimethylbenzene	ND	0.039	16	
1,2-Dichloropropane	ND	0.037	16		1,1,2,2-Tetrachloroethane	ND	0.11	16	
1,3-Dichlorobenzene	ND	0.048	16		1,2,4-Trimethylbenzene	ND	0.079	16	
1,4-Dichlorobenzene	ND	0.048	16		1,2,4-Trichlorobenzene	ND	0.12	16	
c-1,3-Dichloropropene	ND	0.036	16		Vinyl Acetate	ND	0.056	16	
c-1,2-Dichloroethene	ND	0.032	16		Vinyl Chloride	ND	0.020	16	
t-1,2-Dichloroethene	ND	0.032	16						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	104	57-129		1,2-Dichloroethane-d4	97	47-137	
Toluene-d8	99	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/09/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0698
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 2 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1EFF-06082007-0830	**07-06-0698-2**	**06/08/07**	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.038	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	0.041	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	0.0024	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	0.0067	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	0.0087	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	0.0048	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	0.0073	0.0043	1	
Chloroform	0.13	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.037	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	0.014	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.0039	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.0082	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	108	57-129		1,2-Dichloroethane-d4	96	47-137	
Toluene-d8	102	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/09/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0698
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 3 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C2EFF-06082007-0830	**07-06-0698-3**	**06/08/07**	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.042	0.024	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzene	0.035	0.0080	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Benzyl Chloride	ND	0.026	5		Ethylbenzene	ND	0.011	5	
Bromodichloromethane	ND	0.017	5		4-Ethyltoluene	ND	0.012	5	
Bromoform	ND	0.026	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
Bromomethane	ND	0.0097	5		2-Hexanone	ND	0.020	5	
2-Butanone	ND	0.015	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Disulfide	0.023	0.0078	5		Methylene Chloride	ND	0.17	5	
Carbon Tetrachloride	ND	0.016	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chlorobenzene	ND	0.012	5		o-Xylene	ND	0.011	5	
Chloroethane	ND	0.0066	5		p/m-Xylene	ND	0.022	5	
Chloroform	0.18	0.012	5		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	ND	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	0.032	0.0094	5	
1,1-Dichloroethane	ND	0.010	5		Trichloroethene	0.015	0.013	5	
1,1-Dichloroethene	ND	0.0099	5		Trichlorofluoromethane	ND	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	ND	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	
t-1,2-Dichloroethene	ND	0.0099	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	112	57-129		1,2-Dichloroethane-d4	97	47-137	
Toluene-d8	100	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/09/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0698
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 4 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1IN-06082007-1640	**07-06-0698-4**	**06/08/07**	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.034	0.024	5		t-1,3-Dichloropropene	ND	0.023	5	
Benzene	0.063	0.0080	5		Ethyl-t-Butyl Ether (ETBE)	ND	0.042	5	
Benzyl Chloride	ND	0.026	5		Ethylbenzene	ND	0.011	5	
Bromodichloromethane	ND	0.017	5		4-Ethyltoluene	ND	0.012	5	
Bromoform	ND	0.026	5		Hexachloro-1,3-Butadiene	ND	0.053	5	
Bromomethane	ND	0.0097	5		2-Hexanone	ND	0.020	5	
2-Butanone	ND	0.015	5		Methyl-t-Butyl Ether (MTBE)	ND	0.036	5	
Carbon Disulfide	0.018	0.0078	5		Methylene Chloride	ND	0.17	5	
Carbon Tetrachloride	0.061	0.016	5		4-Methyl-2-Pentanone	ND	0.020	5	
Chlorobenzene	ND	0.012	5		o-Xylene	ND	0.011	5	
Chloroethane	ND	0.0066	5		p/m-Xylene	ND	0.022	5	
Chloroform	16	0.49	200		Styrene	ND	0.021	5	
Chloromethane	ND	0.0052	5		Tert-Amyl-Methyl Ether (TAME)	ND	0.065	5	
Dibromochloromethane	ND	0.021	5		Tert-Butyl Alcohol (TBA)	ND	0.030	5	
Dichlorodifluoromethane	ND	0.012	5		Tetrachloroethene	0.019	0.017	5	
Diisopropyl Ether (DIPE)	ND	0.042	5		Toluene	0.049	0.0094	5	
1,1-Dichloroethane	0.018	0.010	5		Trichloroethene	0.93	0.013	5	
1,1-Dichloroethene	0.19	0.0099	5		Trichlorofluoromethane	0.067	0.028	5	
1,2-Dibromoethane	ND	0.019	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	0.10	0.038	5	
Dichlorotetrafluoroethane	ND	0.070	5		1,1,1-Trichloroethane	0.45	0.014	5	
1,2-Dichlorobenzene	ND	0.015	5		1,1,2-Trichloroethane	ND	0.014	5	
1,2-Dichloroethane	ND	0.010	5		1,3,5-Trimethylbenzene	ND	0.012	5	
1,2-Dichloropropane	ND	0.012	5		1,1,2,2-Tetrachloroethane	ND	0.035	5	
1,3-Dichlorobenzene	ND	0.015	5		1,2,4-Trimethylbenzene	ND	0.025	5	
1,4-Dichlorobenzene	ND	0.015	5		1,2,4-Trichlorobenzene	ND	0.037	5	
c-1,3-Dichloropropene	ND	0.011	5		Vinyl Acetate	ND	0.018	5	
c-1,2-Dichloroethene	ND	0.0099	5		Vinyl Chloride	ND	0.0064	5	
t-1,2-Dichloroethene	ND	0.0099	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	109	57-129		1,2-Dichloroethane-d4	96	47-137	
Toluene-d8	100	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/09/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0698
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L

Project: Hitachi - GST / 03-11903E

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C1EFF-06082007-1640	**07-06-0698-5**	**06/08/07**	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.046	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	0.059	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	0.0033	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	0.0035	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	0.013	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	0.011	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	0.0083	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	0.012	0.0043	1	
Chloroform	0.081	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	0.055	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	0.0096	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	0.0069	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	0.015	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	112	57-129		1,2-Dichloroethane-d4	97	47-137	
Toluene-d8	103	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/09/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0698
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 6 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
PT-C2EFF-06082007-1640	**07-06-0698-6**	**06/08/07**	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	0.068	0.019	4		t-1,3-Dichloropropene	ND	0.018	4	
Benzene	0.12	0.0064	4		Ethyl-t-Butyl Ether (ETBE)	ND	0.033	4	
Benzyl Chloride	ND	0.021	4		Ethylbenzene	ND	0.0087	4	
Bromodichloromethane	ND	0.013	4		4-Ethyltoluene	ND	0.0098	4	
Bromoform	ND	0.021	4		Hexachloro-1,3-Butadiene	ND	0.043	4	
Bromomethane	ND	0.0078	4		2-Hexanone	ND	0.016	4	
2-Butanone	ND	0.012	4		Methyl-t-Butyl Ether (MTBE)	ND	0.029	4	
Carbon Disulfide	0.030	0.0062	4		Methylene Chloride	ND	0.14	4	
Carbon Tetrachloride	ND	0.013	4		4-Methyl-2-Pentanone	ND	0.016	4	
Chlorobenzene	ND	0.0092	4		o-Xylene	0.0096	0.0087	4	
Chloroethane	ND	0.0053	4		p/m-Xylene	ND	0.017	4	
Chloroform	0.23	0.0098	4		Styrene	ND	0.017	4	
Chloromethane	ND	0.0041	4		Tert-Amyl-Methyl Ether (TAME)	ND	0.052	4	
Dibromochloromethane	ND	0.017	4		Tert-Butyl Alcohol (TBA)	ND	0.024	4	
Dichlorodifluoromethane	ND	0.0099	4		Tetrachloroethene	ND	0.014	4	
Diisopropyl Ether (DIPE)	ND	0.033	4		Toluene	0.083	0.0075	4	
1,1-Dichloroethane	ND	0.0081	4		Trichloroethene	0.021	0.011	4	
1,1-Dichloroethene	ND	0.0079	4		Trichlorofluoromethane	ND	0.022	4	
1,2-Dibromoethane	ND	0.015	4		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.031	4	
Dichlorotetrafluoroethane	ND	0.056	4		1,1,1-Trichloroethane	ND	0.011	4	
1,2-Dichlorobenzene	ND	0.012	4		1,1,2-Trichloroethane	ND	0.011	4	
1,2-Dichloroethane	ND	0.0081	4		1,3,5-Trimethylbenzene	ND	0.0098	4	
1,2-Dichloropropane	ND	0.0092	4		1,1,2,2-Tetrachloroethane	ND	0.028	4	
1,3-Dichlorobenzene	ND	0.012	4		1,2,4-Trimethylbenzene	ND	0.020	4	
1,4-Dichlorobenzene	ND	0.012	4		1,2,4-Trichlorobenzene	ND	0.030	4	
c-1,3-Dichloropropene	ND	0.0091	4		Vinyl Acetate	ND	0.014	4	
c-1,2-Dichloroethene	ND	0.0079	4		Vinyl Chloride	ND	0.0051	4	
t-1,2-Dichloroethene	ND	0.0079	4						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	109	57-129		1,2-Dichloroethane-d4	96	47-137	
Toluene-d8	101	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ENVIRON		Date Received:	06/09/07
6001 Shellmound Street, Ste 700		Work Order No:	07-06-0698
Emeryville, CA 94608-1958		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/L
Project: Hitachi - GST / 03-11903E			Page 7 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,914**	**N/A**	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	0.0047	1		t-1,3-Dichloropropene	ND	0.0045	1	
Benzene	ND	0.0016	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0084	1	
Benzyl Chloride	ND	0.0052	1		Ethylbenzene	ND	0.0022	1	
Bromodichloromethane	ND	0.0034	1		4-Ethyltoluene	ND	0.0025	1	
Bromoform	ND	0.0052	1		Hexachloro-1,3-Butadiene	ND	0.011	1	
Bromomethane	ND	0.0019	1		2-Hexanone	ND	0.0041	1	
2-Butanone	ND	0.0029	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Carbon Disulfide	ND	0.0016	1		Methylene Chloride	ND	0.035	1	
Carbon Tetrachloride	ND	0.0031	1		4-Methyl-2-Pentanone	ND	0.0041	1	
Chlorobenzene	ND	0.0023	1		o-Xylene	ND	0.0022	1	
Chloroethane	ND	0.0013	1		p/m-Xylene	ND	0.0043	1	
Chloroform	ND	0.0024	1		Styrene	ND	0.0043	1	
Chloromethane	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.013	1	
Dibromochloromethane	ND	0.0043	1		Tert-Butyl Alcohol (TBA)	ND	0.0061	1	
Dichlorodifluoromethane	ND	0.0025	1		Tetrachloroethene	ND	0.0034	1	
Diisopropyl Ether (DIPE)	ND	0.0084	1		Toluene	ND	0.0019	1	
1,1-Dichloroethane	ND	0.0020	1		Trichloroethene	ND	0.0027	1	
1,1-Dichloroethene	ND	0.0020	1		Trichlorofluoromethane	ND	0.0056	1	
1,2-Dibromoethane	ND	0.0038	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.0077	1	
Dichlorotetrafluoroethane	ND	0.014	1		1,1,1-Trichloroethane	ND	0.0027	1	
1,2-Dichlorobenzene	ND	0.0030	1		1,1,2-Trichloroethane	ND	0.0027	1	
1,2-Dichloroethane	ND	0.0020	1		1,3,5-Trimethylbenzene	ND	0.0025	1	
1,2-Dichloropropane	ND	0.0023	1		1,1,2,2-Tetrachloroethane	ND	0.0069	1	
1,3-Dichlorobenzene	ND	0.0030	1		1,2,4-Trimethylbenzene	ND	0.0049	1	
1,4-Dichlorobenzene	ND	0.0030	1		1,2,4-Trichlorobenzene	ND	0.0074	1	
c-1,3-Dichloropropene	ND	0.0023	1		Vinyl Acetate	ND	0.0035	1	
c-1,2-Dichloroethene	ND	0.0020	1		Vinyl Chloride	ND	0.0013	1	
t-1,2-Dichloroethene	ND	0.0020	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	103	57-129		1,2-Dichloroethane-d4	96	47-137	
Toluene-d8	101	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ENVIRON
6001 Shellmound Street, Ste 700
Emeryville, CA 94608-1958

Date Received: N/A
Work Order No: 07-06-0698
Preparation: N/A
Method: EPA TO-15

Project: Hitachi - GST / 03-11903E

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,914	**Air**	**GC/MS DD**	**N/A**	**06/11/07**	**070611L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	97	60-156	0	0-40	
Carbon Tetrachloride	120	121	64-154	1	0-32	
1,2-Dibromoethane	91	89	54-144	2	0-36	
1,2-Dichlorobenzene	100	103	34-160	3	0-47	
1,2-Dichloroethane	93	92	69-153	1	0-30	
1,2-Dichloropropane	94	95	67-157	1	0-35	
1,4-Dichlorobenzene	100	103	36-156	3	0-47	
c-1,3-Dichloropropene	105	106	61-157	1	0-35	
Ethylbenzene	121	120	52-154	1	0-38	
o-Xylene	115	114	52-148	1	0-38	
p/m-Xylene	102	101	42-156	0	0-41	
Tetrachloroethene	100	100	56-152	1	0-40	
Toluene	104	103	56-146	1	0-43	
Trichloroethene	114	115	63-159	1	0-34	
1,1,2-Trichloroethane	92	93	65-149	1	0-37	
Vinyl Chloride	92	92	45-177	0	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0698

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

0698

00214

PAGE 1 of 1

PROJECT NAME / FACILITY ID: HITACHI - GST
FIELD PERSON: C. RITCHIE
PROJECT NUMBER: 03-11903E
DATE: 6/8/07
PROJECT MANAGER: A. GATES
PROJECT LOCATION: SAN JOSE
LABORATORY: CALSCIENCE
IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: _____ WO#: _____

SAMPLER: C. RITCHIE
SIGNATURE:

SAMPLE I.D. NUMBER	SAMPLE DATE (YEAR '07)	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs by To-15 w/ oxygenates								COMMENTS: 48-Hour TAT
PT-C1IN-06082007-0830	6/8	0830	—	G	1	—	—	X								PLEASE EMAIL
PT-C1EFF-06082007-0830	6/8	0830	—	G	1	—	—	X								RESULTS TO
PT-C2EFF-06082007-0830	6/8	0830	—	G	1	—	—	X								CHRIS RITCHIE
PT-C1IN-06082007-1640	6/8	1640	—	G	1	—	—	X								critchie@environcorp.com
PT-C1EFF-06082007-1640	6/8	1640	—	G	1	—	—	X								
PT-C2EFF-06082007-1640	6/8	1640	—	G	1	—	—	X								510-691-8217
TOTAL	X	X	X		6			6								

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	1920 6/8/07	(COMPANY): FED EX	1920 6/8/07
RELINQUISHED BY: Fed ex	TIME/DATE: 6/9/07	RECEIVED BY:	TIME/DATE:
		(COMPANY): HLG CEL	6/9/07 900
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	

TURNAROUND TIME (CIRCLE ONE): SAMEDAY / 24 HOURS / 48 HOURS / 72 HOURS / 5 DAYS / NORMAL

SAMPLE INTEGRITY: INTACT: Y N Temp_____

IF SEALED, SEAL INTEGRITY: INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: **07-06-0698** **QAPP:** **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	PT-C1IN-06082007-0830	A	06/08/2007	1	
2	PT-C1EFF-06082007-0830	A	06/08/2007	1	
3	PT-C2EFF-06082007-0830	A	06/08/2007	1	
4	PT-C1IN-06082007-1640	A	06/08/2007	1	
5	PT-C1EFF-06082007-1640	A	06/08/2007	1	
6	PT-C2EFF-06082007-1640	A	06/08/2007	1	

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 0 6 - 0 6 9 8

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Environ **DATE:** 6/9/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: HP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: HP

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC		✓	
Sample container label(s) consistent with custody papers		✓	
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation	✓		

Initial: HP

COMMENTS:

Received 2 tedlar bags for sample ID: PT-C1IN-06082007-0830.
Did not received sample : PT-C1EFF-06082007-0830

HP

Ranjit Clarke

From: Chris Ritchie [critchie@Environcorp.com]
Sent: Monday, June 11, 2007 9:35 AM
To: Ranjit Clarke; Anne Gates
Subject: RE: Hitachi - GST / 03-11903E (06/08/07)

Ranjit,
Sorry for the confusion. The logic behind your option number 1 is appropriate and that's the way we'd like to proceed. Please analyze both bags.

Chris J. Ritchie
Senior Associate
ENVIRON International Corporation
6001 Shellmound Street Suite 700
Emeryville, CA 94608
510.655.7400
Fax: 510.655.9517
critchie@environcorp.com

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-----Original Message-----
From: Ranjit Clarke [mailto:RClarke@calscience.com]
Sent: Monday, June 11, 2007 9:28 AM
To: Anne Gates; Chris Ritchie
Subject: Hitachi - GST / 03-11903E (06/08/07)

Chris/Anne,

On Saturday, we received 6 samples for the attached COC. Two of the tedlar bags had the same ID "PT-C1IN-06082007-0830" and none of the bags had ID "PT-C1EFF-06082007-0830". There are two options:

1) Analyze both bags. The one with the higher concentrations would be reported as the "IN", while the sample with the lower concentrations would be the "EFF"

2) Don't analyze either of these samples.

Let me know ASAP so I know what to tell the air lab.

Thanks,

> Ranjit K. K. Clarke

ANALYTICAL REPORT

Job Number: 720-9477-1

Job Description: Hitachi GST

For:
ENVIRON International Corp.
6001 Shellmound Street
Suite 700
Emeryville, CA 94608

Attention: Ms. Anne Gates

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
06/15/2007

cc: Ms. Wendy Devaney

Project Manager: Dimple Sharma

Severn Trent Laboratories, Inc.
STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 484-1096 www.stl-inc.com

I. Comments
No additional comments.

II. Receipt
All samples were received in good condition within temperature requirements.

III. GC/MS VOA
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ENVIRON International Corp. Job Number: 720-9477-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-9477-1	**PT-EFF-06052007-1125**				
Chloroform		150	2.0	ug/L	8260B
Trichloroethene		1.8	1.0	ug/L	8260B
720-9477-3	**PT-EFF-06052007-1640**				
Chloroform		130	2.0	ug/L	8260B
Trichloroethene		1.6	1.0	ug/L	8260B
720-9477-5	**PT-EFF-06062007-1505**				
Chloroform		110	2.0	ug/L	8260B
Trichloroethene		1.7	1.0	ug/L	8260B
720-9477-8	**PT-EFF-06072007-1350**				
Chloroform		100	2.0	ug/L	8260B
Trichloroethene		1.5	1.0	ug/L	8260B
720-9477-9	**PT-EFF-06072007-1640**				
Chloroform		130	2.0	ug/L	8260B
Trichloroethene		1.5	1.0	ug/L	8260B
720-9477-11	**PT-EFF-06082007-1640**				
Chloroform		110	2.0	ug/L	8260B
Trichloroethene		1.6	1.0	ug/L	8260B

METHOD SUMMARY

Client: ENVIRON International Corp. Job Number: 720-9477-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS (Low Level)	STL SF	SW846 8260B	
Purge-and-Trap	STL SF		SW846 5030B

LAB REFERENCES:

STL SF = STL San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

SAMPLE SUMMARY

Client: ENVIRON International Corp. Job Number: 720-9477-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-9477-1	PT-EFF-06052007-1125	Water	06/05/2007 1125	06/12/2007 1455
720-9477-3	PT-EFF-06052007-1640	Water	06/05/2007 1640	06/12/2007 1455
720-9477-5	PT-EFF-06062007-1505	Water	06/06/2007 1505	06/12/2007 1455
720-9477-8	PT-EFF-06072007-1350	Water	06/07/2007 1350	06/12/2007 1455
720-9477-9	PT-EFF-06072007-1640	Water	06/07/2007 1640	06/12/2007 1455
720-9477-11	PT-EFF-06082007-1640	Water	06/08/2007 1640	06/12/2007 1455

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06052007-1125**

Lab Sample ID: 720-9477-1 Date Sampled: 06/05/2007 1125
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 2112 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 2112

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		10
Acetone	ND		100
Benzene	ND		1.0
Dichlorobromomethane	ND		1.0
Bromobenzene	ND		2.0
Chlorobromomethane	ND		2.0
Bromoform	ND		2.0
Bromomethane	ND		2.0
Methyl Ethyl Ketone	ND		100
n-Butylbenzene	ND		2.0
sec-Butylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
Carbon disulfide	ND		10
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chloroethane	ND		2.0
Chloroform	150		2.0
Chloromethane	ND		2.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
Chlorodibromomethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,3-Dichloropropane	ND		2.0
1,1-Dichloropropene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
Ethylene Dibromide	ND		1.0
Dibromomethane	ND		1.0
Dichlorodifluoromethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,2-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
Ethylbenzene	ND		1.0
Hexachlorobutadiene	ND		2.0
2-Hexanone	ND		100
Isopropylbenzene	ND		1.0
4-Isopropyltoluene	ND		2.0

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06052007-1125**

Lab Sample ID: 720-9477-1 Date Sampled: 06/05/2007 1125
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 2112 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 2112

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		10
methyl isobutyl ketone	ND		100
Naphthalene	ND		2.0
N-Propylbenzene	ND		2.0
Styrene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
1,2,3-Trichlorobenzene	ND		2.0
1,2,4-Trichlorobenzene	ND		2.0
1,1,1-Trichloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Trichloroethene	1.8		1.0
Trichlorofluoromethane	ND		2.0
1,2,3-Trichloropropane	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
Vinyl acetate	ND		100
Vinyl chloride	ND		1.0
Xylenes, Total	ND		2.0
2,2-Dichloropropane	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	118	83 - 127
1,2-Dichloroethane-d4 (Surr)	113	86 - 129
Toluene-d8 (Surr)	103	82 - 126

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06052007-1640**

Lab Sample ID: 720-9477-3 Date Sampled: 06/05/2007 1640
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 2039 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 2039

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		10
Acetone	ND		100
Benzene	ND		1.0
Dichlorobromomethane	ND		1.0
Bromobenzene	ND		2.0
Chlorobromomethane	ND		2.0
Bromoform	ND		2.0
Bromomethane	ND		2.0
Methyl Ethyl Ketone	ND		100
n-Butylbenzene	ND		2.0
sec-Butylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
Carbon disulfide	ND		10
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chloroethane	ND		2.0
Chloroform	130		2.0
Chloromethane	ND		2.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
Chlorodibromomethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,3-Dichloropropane	ND		2.0
1,1-Dichloropropene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
Ethylene Dibromide	ND		1.0
Dibromomethane	ND		1.0
Dichlorodifluoromethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,2-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
Ethylbenzene	ND		1.0
Hexachlorobutadiene	ND		2.0
2-Hexanone	ND		100
Isopropylbenzene	ND		1.0
4-Isopropyltoluene	ND		2.0

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06052007-1640**

Lab Sample ID: 720-9477-3 Date Sampled: 06/05/2007 1640
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 2039 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 2039

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		10
methyl isobutyl ketone	ND		100
Naphthalene	ND		2.0
N-Propylbenzene	ND		2.0
Styrene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
1,2,3-Trichlorobenzene	ND		2.0
1,2,4-Trichlorobenzene	ND		2.0
1,1,1-Trichloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Trichloroethene	1.6		1.0
Trichlorofluoromethane	ND		2.0
1,2,3-Trichloropropane	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
Vinyl acetate	ND		100
Vinyl chloride	ND		1.0
Xylenes, Total	ND		2.0
2,2-Dichloropropane	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	118	83 - 127
1,2-Dichloroethane-d4 (Surr)	117	86 - 129
Toluene-d8 (Surr)	103	82 - 126

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06062007-1505**

Lab Sample ID: 720-9477-5 Date Sampled: 06/06/2007 1505
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 1824 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 1824

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		10
Acetone	ND		100
Benzene	ND		1.0
Dichlorobromomethane	ND		1.0
Bromobenzene	ND		2.0
Chlorobromomethane	ND		2.0
Bromoform	ND		2.0
Bromomethane	ND		2.0
Methyl Ethyl Ketone	ND		100
n-Butylbenzene	ND		2.0
sec-Butylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
Carbon disulfide	ND		10
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chloroethane	ND		2.0
Chloroform	110		2.0
Chloromethane	ND		2.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
Chlorodibromomethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,3-Dichloropropane	ND		2.0
1,1-Dichloropropene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
Ethylene Dibromide	ND		1.0
Dibromomethane	ND		1.0
Dichlorodifluoromethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,2-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
Ethylbenzene	ND		1.0
Hexachlorobutadiene	ND		2.0
2-Hexanone	ND		100
Isopropylbenzene	ND		1.0
4-Isopropyltoluene	ND		2.0

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06062007-1505**

Lab Sample ID: 720-9477-5 Date Sampled: 06/06/2007 1505
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 1824 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 1824

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		10
methyl isobutyl ketone	ND		100
Naphthalene	ND		2.0
N-Propylbenzene	ND		2.0
Styrene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
1,2,3-Trichlorobenzene	ND		2.0
1,2,4-Trichlorobenzene	ND		2.0
1,1,1-Trichloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Trichloroethene	1.7		1.0
Trichlorofluoromethane	ND		2.0
1,2,3-Trichloropropane	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
Vinyl acetate	ND		100
Vinyl chloride	ND		1.0
Xylenes, Total	ND		2.0
2,2-Dichloropropane	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	115	83 - 127
1,2-Dichloroethane-d4 (Surr)	115	86 - 129
Toluene-d8 (Surr)	104	82 - 126

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06072007-1350**

Lab Sample ID: 720-9477-8 Date Sampled: 06/07/2007 1350
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 1858 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 1858

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		10
Acetone	ND		100
Benzene	ND		1.0
Dichlorobromomethane	ND		1.0
Bromobenzene	ND		2.0
Chlorobromomethane	ND		2.0
Bromoform	ND		2.0
Bromomethane	ND		2.0
Methyl Ethyl Ketone	ND		100
n-Butylbenzene	ND		2.0
sec-Butylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
Carbon disulfide	ND		10
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chloroethane	ND		2.0
Chloroform	100		2.0
Chloromethane	ND		2.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
Chlorodibromomethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,3-Dichloropropane	ND		2.0
1,1-Dichloropropene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
Ethylene Dibromide	ND		1.0
Dibromomethane	ND		1.0
Dichlorodifluoromethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,2-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
Ethylbenzene	ND		1.0
Hexachlorobutadiene	ND		2.0
2-Hexanone	ND		100
Isopropylbenzene	ND		1.0
4-Isopropyltoluene	ND		2.0

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06072007-1350**

Lab Sample ID: 720-9477-8 Date Sampled: 06/07/2007 1350
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 1858 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 1858

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		10
methyl isobutyl ketone	ND		100
Naphthalene	ND		2.0
N-Propylbenzene	ND		2.0
Styrene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
1,2,3-Trichlorobenzene	ND		2.0
1,2,4-Trichlorobenzene	ND		2.0
1,1,1-Trichloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Trichloroethene	1.5		1.0
Trichlorofluoromethane	ND		2.0
1,2,3-Trichloropropane	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
Vinyl acetate	ND		100
Vinyl chloride	ND		1.0
Xylenes, Total	ND		2.0
2,2-Dichloropropane	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	116	83 - 127
1,2-Dichloroethane-d4 (Surr)	122	86 - 129
Toluene-d8 (Surr)	106	82 - 126

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06072007-1640**

Lab Sample ID: 720-9477-9 Date Sampled: 06/07/2007 1640
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 1931 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 1931

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		10
Acetone	ND		100
Benzene	ND		1.0
Dichlorobromomethane	ND		1.0
Bromobenzene	ND		2.0
Chlorobromomethane	ND		2.0
Bromoform	ND		2.0
Bromomethane	ND		2.0
Methyl Ethyl Ketone	ND		100
n-Butylbenzene	ND		2.0
sec-Butylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
Carbon disulfide	ND		10
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chloroethane	ND		2.0
Chloroform	130		2.0
Chloromethane	ND		2.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
Chlorodibromomethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,3-Dichloropropane	ND		2.0
1,1-Dichloropropene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
Ethylene Dibromide	ND		1.0
Dibromomethane	ND		1.0
Dichlorodifluoromethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,2-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
Ethylbenzene	ND		1.0
Hexachlorobutadiene	ND		2.0
2-Hexanone	ND		100
Isopropylbenzene	ND		1.0
4-Isopropyltoluene	ND		2.0

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06072007-1640**

Lab Sample ID: 720-9477-9 Date Sampled: 06/07/2007 1640
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 1931 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 1931

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		10
methyl isobutyl ketone	ND		100
Naphthalene	ND		2.0
N-Propylbenzene	ND		2.0
Styrene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
1,2,3-Trichlorobenzene	ND		2.0
1,2,4-Trichlorobenzene	ND		2.0
1,1,1-Trichloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Trichloroethene	1.5		1.0
Trichlorofluoromethane	ND		2.0
1,2,3-Trichloropropane	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
Vinyl acetate	ND		100
Vinyl chloride	ND		1.0
Xylenes, Total	ND		2.0
2,2-Dichloropropane	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	117	83 - 127
1,2-Dichloroethane-d4 (Surr)	118	86 - 129
Toluene-d8 (Surr)	101	82 - 126

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06082007-1640**

Lab Sample ID: 720-9477-11 Date Sampled: 06/08/2007 1640
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 2005 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 2005

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		10
Acetone	ND		100
Benzene	ND		1.0
Dichlorobromomethane	ND		1.0
Bromobenzene	ND		2.0
Chlorobromomethane	ND		2.0
Bromoform	ND		2.0
Bromomethane	ND		2.0
Methyl Ethyl Ketone	ND		100
n-Butylbenzene	ND		2.0
sec-Butylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
Carbon disulfide	ND		10
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chloroethane	ND		2.0
Chloroform	110		2.0
Chloromethane	ND		2.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
Chlorodibromomethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,3-Dichloropropane	ND		2.0
1,1-Dichloropropene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
Ethylene Dibromide	ND		1.0
Dibromomethane	ND		1.0
Dichlorodifluoromethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,2-Dichloroethane	ND		1.0
1,1-Dichloroethene	ND		1.0
cis-1,2-Dichloroethene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
Ethylbenzene	ND		1.0
Hexachlorobutadiene	ND		2.0
2-Hexanone	ND		100
Isopropylbenzene	ND		1.0
4-Isopropyltoluene	ND		2.0

Client: ENVIRON International Corp. Job Number: 720-9477-1

Client Sample ID: **PT-EFF-06082007-1640**

Lab Sample ID: 720-9477-11 Date Sampled: 06/08/2007 1640
Client Matrix: Water Date Received: 06/12/2007 1455

8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-22715 Instrument ID: Varian 3900G
Preparation: 5030B Lab File ID: c:\saturnws\data\200706\06
Dilution: 2.0 Initial Weight/Volume: 40 mL
Date Analyzed: 06/14/2007 2005 Final Weight/Volume: 40 mL
Date Prepared: 06/14/2007 2005

Analyte	Result (ug/L)	Qualifier	RL
Methylene Chloride	ND		10
methyl isobutyl ketone	ND		100
Naphthalene	ND		2.0
N-Propylbenzene	ND		2.0
Styrene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
Tetrachloroethene	ND		1.0
Toluene	ND		1.0
1,2,3-Trichlorobenzene	ND		2.0
1,2,4-Trichlorobenzene	ND		2.0
1,1,1-Trichloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Trichloroethene	1.6		1.0
Trichlorofluoromethane	ND		2.0
1,2,3-Trichloropropane	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
Vinyl acetate	ND		100
Vinyl chloride	ND		1.0
Xylenes, Total	ND		2.0
2,2-Dichloropropane	ND		1.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	115	83 - 127
1,2-Dichloroethane-d4 (Surr)	115	86 - 129
Toluene-d8 (Surr)	100	82 - 126

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ENVIRON International Corp. Job Number: 720-9477-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-22715					
LCS 720-22715/1	Lab Control Spike	T	Water	8260B	
MB 720-22715/2	Method Blank	T	Water	8260B	
720-9477-1	PT-EFF-06052007-1125	T	Water	8260B	
720-9477-3	PT-EFF-06052007-1640	T	Water	8260B	
720-9477-5	PT-EFF-06062007-1505	T	Water	8260B	
720-9477-8	PT-EFF-06072007-1350	T	Water	8260B	
720-9477-9	PT-EFF-06072007-1640	T	Water	8260B	
720-9477-11	PT-EFF-06082007-1640	T	Water	8260B	
720-9481-B-5 MS	Matrix Spike	T	Water	8260B	
720-9481-B-5 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

Client: ENVIRON International Corp.

Job Number: 720-9477-1

Method Blank - Batch: 720-22715

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-22715/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/14/2007 1610
Date Prepared: 06/14/2007 1610

Analysis Batch: 720-22715
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900G
Lab File ID: c:\saturnws\data\200706\06
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		1.0
Methyl Ethyl Ketone	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp.

Job Number: 720-9477-1

Method Blank - Batch: 720-22715

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-22715/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/14/2007 1610
Date Prepared: 06/14/2007 1610

Analysis Batch: 720-22715
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900G
Lab File ID: c:\saturnws\data\200706\06
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0
methyl isobutyl ketone	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		50
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	112	83 - 127
1,2-Dichloroethane-d4 (Surr)	114	86 - 129
Toluene-d8 (Surr)	104	82 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: ENVIRON International Corp.

Job Number: 720-9477-1

Lab Control Spike - Batch: 720-22715

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 720-22715/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/14/2007 1536
Date Prepared: 06/14/2007 1536

Analysis Batch: 720-22715
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900G
Lab File ID: c:\saturnws\data\200706\06
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	20.8	104	69 - 129	
Chlorobenzene	20.0	22.5	113	61 - 121	
1,1-Dichloroethene	20.0	24.8	124	65 - 125	
Toluene	20.0	21.6	108	70 - 130	
Trichloroethene	20.0	19.2	96	74 - 134	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	107	83 - 127
1,2-Dichloroethane-d4 (Surr)	115	86 - 129
Toluene-d8 (Surr)	104	82 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp.

Job Number: 720-9477-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-22715

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-9481-B-5 MS	Analysis Batch: 720-22715	Instrument ID: Varian 3900G
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200706\(
Dilution:	4.0		Initial Weight/Volume: 40 mL
Date Analyzed:	06/14/2007 1717		Final Weight/Volume: 40 mL
Date Prepared:	06/14/2007 1717		

MSD Lab Sample ID:	720-9481-B-5 MSD	Analysis Batch: 720-22715	Instrument ID: Varian 3900G
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200706\06
Dilution:	4.0		Initial Weight/Volume: 40 mL
Date Analyzed:	06/14/2007 1751		Final Weight/Volume: 40 mL
Date Prepared:	06/14/2007 1751		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	106	105	69 - 129	1	20		
Chlorobenzene	115	114	61 - 121	1	20		
1,1-Dichloroethene	124	124	65 - 125	1	20		
Toluene	105	105	70 - 130	0	20		
Trichloroethene	98	95	74 - 134	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	114	111	83 - 127
1,2-Dichloroethane-d4 (Surr)	117	113	86 - 129
Toluene-d8 (Surr)	105	99	82 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

720-9477

105838 00215

PROJECT NAME / FACILITY ID: HITACH-GST FIELD PERSON: C. RITCHIE

PROJECT NUMBER: 03119038 DATE: 6/05/07 PROJECT MANAGER: A. GATES

PROJECT LOCATION: SAN JOSE LABORATORY: STL

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: WO#:

SAMPLER: C. RITCHIE

SIGNATURE:

	SAMPLE I.D. NUMBER	SAMPLE DATE (YEAR 07)	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs by 8260B	HOLD							COMMENTS
1	PT-EFF-06052007-1125	6/5	1125	—	W	3	U	H	X								72-Hour TAT; EMAIL RESULTS TO CHRIS RITCHIE critchie@environcorp.com
2	PT-EFF-06052007-1405	6/5	1405	—	W	3	U	H		X							
3	PT-EFF-06052007-1640	6/5	1640	—	W	3	U	H	X								
4	PT-EFF-06062007-0710	6/6	0710	—	W	3	U	H		X							
5	PT-EFF-06062007-1505	6/6	1505	—	W	3	U	H	X								
6	PT-EFF-06062007-1830	6/6	1830	—	W	3	U	H		X							
7	PT-EFF-06072007-0805	6/7	0805	—	W	3	U	H		X							
8	PT-EFF-06072007-1350	6/7	1350	—	W	3	U	H	X								
9	PT-EFF-06072007-1640	6/7	1640	—	W	3	U	H	X	~~X~~ NO CBR							RUSH
10	PT-EFF-06072007-0870	6/8	0870	—	W	3	U	H		X							
	TOTAL	X	X	X		30			5	5							

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
[signature]	10:54AM 06/12/07	[signature] STL-SF	1054 6/12/07
[signature] STL-SF	1455 6/12/07	[signature] STL-SF	6/12/07 1455
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: Y N Temp 2°C

IF SEALED, SEAL INTEGRITY — INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

ENVIRON
6001 Shellmound Street, Suite 700
Emeryville, California 94608
(510) 655-7400
(510) 655-9517 (fax)

CHAIN-of-CUSTODY

720-9477

105838 00216

PROJECT NAME / FACILITY ID: HITACHI-GST FIELD PERSON: C. RITCHIE

PROJECT NUMBER: 031903E DATE: PROJECT MANAGER: A. GATES

PROJECT LOCATION: SAN JOSE LABORATORY: STL

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: WO#:

SAMPLER: C. RITCHIE

SIGNATURE:

	SAMPLE I.D. NUMBER	SAMPLE DATE (YEAR 07)	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs by 8260B	HOLD							COMMENTS
11	PT-EFF-06072007-1640	6/7	1640	–	W	3	U	H	X								72-Hour TAT
12	PT-EFF-06092007-0740	6/9	0740	–	W	3	U	H		X							
	TOTAL	X	X	X		6			1	1							

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY: (COMPANY):	TIME/DATE:
	10:5AM 06/12/07	STL-SF	1054 6/12/07
STL-SF	1455 6/12/07		1455 6/12/07

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY: INTACT: Y N Temp 20C

IF SEALED, SEAL INTEGRITY: INTACT: Y N

H = HCL; N = HNO_3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENVIRON International Corp. Job Number: 720-9477-1

Login Number: 9477

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	