

Ecology and Environment, Inc.

Client Sample ID: RSL-CP-001

GC/MS Semivolatiles

Lot-Sample #....: G1H160440-001 Work Order #....: MLPH21AC Matrix.....: SOLID
 Date Sampled....: 07/19/11 Date Received...: 08/16/11
 Prep Date.....: 08/18/11 Analysis Date...: 08/28/11
 Prep Batch #....: 1230173
 Dilution Factor: 30710
 % Moisture.....: 0.080 Method.....: SW846 8270C SIM

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthylene	ND	150000	ug/kg	10000
Acenaphthene	39000 J	150000	ug/kg	14000
Anthracene	200000	150000	ug/kg	12000
Benzo (a) anthracene	920000 B	150000	ug/kg	9300
Benzo (b) fluoranthene	540000 B	150000	ug/kg	16000
Benzo (k) fluoranthene	430000	150000	ug/kg	23000
Benzo (ghi) perylene	460000	150000	ug/kg	31000
Benzo (a) pyrene	740000 B	150000	ug/kg	12000
Chrysene	850000 B	150000	ug/kg	11000
Dibenz (a, h) anthracene	98000 J	150000	ug/kg	37000
Fluoranthene	1300000 B	150000	ug/kg	9000
Fluorene	32000 J, Q	150000	ug/kg	15000
Indeno (1, 2, 3-cd) pyrene	350000	150000	ug/kg	15000
Naphthalene	ND	150000	ug/kg	9400
Phenanthrene	650000 B	150000	ug/kg	11000
Pyrene	1700000 B	150000	ug/kg	11000
PERCENT		RECOVERY		
SURROGATE	RECOVERY	LIMITS		
2-Fluorobiphenyl	0.0 SRD	(53 - 113)		
Nitrobenzene-d5	0.0 SRD	(53 - 113)		
Terphenyl-d14	0.0 SRD	(70 - 144)		

NOTE (S) :

SRD The surrogate recovery was not calculated because the extract was diluted beyond the ability to quantitate a recovery.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G1H160440
MB Lot-Sample #: G1H180000-173

Work Order #...: MLTAL1AA

Matrix.....: SOLID

Analysis Date...: 08/27/11
Dilution Factor: 1

Prep Date.....: 08/18/11

Prep Batch #...: 1230173

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthylene	ND	5.0	ug/kg	SW846 8270C SIM
Acenaphthene	ND	5.0	ug/kg	SW846 8270C SIM
Anthracene	ND	5.0	ug/kg	SW846 8270C SIM
Benzo (a) anthracene	0.83 J	5.0	ug/kg	SW846 8270C SIM
Benzo (b) fluoranthene	0.68 J	5.0	ug/kg	SW846 8270C SIM
Benzo (k) fluoranthene	ND	5.0	ug/kg	SW846 8270C SIM
Benzo (ghi) perylene	ND	5.0	ug/kg	SW846 8270C SIM
Benzo (a) pyrene	0.56 J	5.0	ug/kg	SW846 8270C SIM
Chrysene	0.76 J	5.0	ug/kg	SW846 8270C SIM
Dibenz (a,h) anthracene	ND	5.0	ug/kg	SW846 8270C SIM
Fluoranthene	1.2 J	5.0	ug/kg	SW846 8270C SIM
Fluorene	ND	5.0	ug/kg	SW846 8270C SIM
Indeno (1,2,3-cd) pyrene	ND	5.0	ug/kg	SW846 8270C SIM
Naphthalene	ND	5.0	ug/kg	SW846 8270C SIM
Phenanthrene	0.76 J	5.0	ug/kg	SW846 8270C SIM
Pyrene	1.6 J	5.0	ug/kg	SW846 8270C SIM

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	64	(53 - 113)
Nitrobenzene-d5	66	(53 - 113)
Terphenyl-d14	85	(70 - 144)

NOTE (S) :

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

J Estimated result. Result is less than RL.

CHAIN OF CUSTODY FORM

Redlands Remedial Assessment

TAL-0013(1007)

Client Name / Address: Ecology & Environment 3700 Industry Ave #102 Lakewood, CA 90712				Project / PO Number: 002693.2148-01RA06				Analysis Required			
Project Manager: Chris Myers				Phone Number: (310) 947-2853							
Sampler: C. Myers				Fax Number:							
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Special Instructions				
RSL-CP-001	Sol:4	402	1	7/19/11	0830	None	Holding time expired				
							Proceed analysis				
							Extract powder portion				
							Result to msong@ene.com.				
							Hardcopy to Mindy Song				
							3700 Industry Ave #102				
							Lakewood, CA 90712				
Relinquished By: [Signature]				Date/Time: 8/15/11 1600		Received By: [Signature]		Date/Time: 8/16/11 1010		Turnaround Time: (Check) same day _____ 24 hours _____ 48 hours _____ 72 hours _____ 5 days _____ normal _____	
Relinquished By: [Signature]				Date/Time: 8/15/11 1600		Received By: [Signature]		Date/Time: 8/16/11 1010		Sample Integrity: (Check) intact _____ on ice _____	
Relinquished By: [Signature]				Date/Time: 8/15/11 1600		Received By: [Signature]		Date/Time: 8/16/11 1010		Sample Integrity: (Check) intact _____ on ice _____	

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.