

To: Aerostar

Job ID: Aerostar - Brookley

Attn: Emilie Wien

GCAL Report 207032007



Report Date 03/29/2007

ANALYTICAL RESULTS BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Deliver To Aerostar
803 Government St
Suite A
Mobile, AL 36602

Attn Emilie Wien

CASE NARRATIVE

Client: Aerostar **Report:** 207032007

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 345646, the LCSD and MB and associated samples exhibited surrogate recoveries above the requested project control limit. However, the surrogate recoveries are within established laboratory control limits, The LCS/LCSD exhibited marginal sporadic recovery failures for the extended list of spike compounds.

In the SW-846 8260B analysis of samples 20703200701 (HA-14 (0-12)), 20703200702 (HA-14 (8-10)), 20703200704 (HA-15 (8-10)) and 20703200706 (B-17 (8-10)), the recovery for the surrogate Toluene-d8 was above the upper control limit. The remaining surrogates were all within control limits.

In the SW-846 8260B analysis, samples 20703200703 (HA-15 (0-12)) and 20703200705 (B-17 (0-12)) could not be analyzed at a lower dilution due to the recovery of the internal standards being inhibited by the sample matrix. The sample required the dilution to bring the internal standards within limits.

In the SW-846 8260B analysis, sample 20703200704 (HA-15 (8-10)) had to be diluted due to compounds that were detected above the linear range of the calibration.

In the SW-846 8260B analysis of samples 20703200702 (HA-14 (8-10)), 20703200705 (B-17 (0-12)), 466526 MS and 466526 MSD, the recovery for the surrogate 4-Bromofluorobenzene was above the upper control limit. The remaining surrogates were all within control limits with the exception of sample 20703200702 (HA-14 (8-10)).

In the SW-846 8260B analysis for analytical batch 345746, the MS/MSD exhibited sporadic recovery failures. These recoveries were within limits in the LCS. This is attributed to matrix interference. 1,2,4-Trichlorobenzene was detected at low levels in the blank. This is due to probable laboratory contamination.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with [ISO Guide 25](#) and [NELAC](#), this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 207032007

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200701	HA-14 (0-12)	Solid	03/19/2007 08:45	03/20/2007 08:50
20703200702	HA-14 (8-10)	Solid	03/19/2007 08:55	03/20/2007 08:50
20703200703	HA-15 (0-12)	Solid	03/19/2007 09:30	03/20/2007 08:50
20703200704	HA-15 (8-10)	Solid	03/19/2007 09:45	03/20/2007 08:50
20703200705	B-17 (0-12)	Solid	03/19/2007 10:45	03/20/2007 08:50
20703200706	B-17 (8-10)	Solid	03/19/2007 10:55	03/20/2007 08:50

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200701	HA-14 (0-12)	Solid	03/19/2007 08:45	03/20/2007 08:50

8260B, Volatiles

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.036	0.032	0.000474	mg/kg
79-01-6	Trichloroethene	0.017	0.00634	0.000224	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200702	HA-14 (8-10)	Solid	03/19/2007 08:55	03/20/2007 08:50

8260B, Volatiles

CAS#	Parameter	Result	RDL	MDL	Units
78-93-3	2-Butanone	0.028	0.00866	0.000540	mg/kg
67-64-1	Acetone	0.022J	0.043	0.000647	mg/kg
74-83-9	Bromomethane	0.012	0.00866	0.00261	mg/kg
79-01-6	Trichloroethene	0.00962	0.00866	0.000306	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.00678J	0.00866	0.000218	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200703	HA-15 (0-12)	Solid	03/19/2007 09:30	03/20/2007 08:50

8260B, Volatiles

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.586	0.380	0.013	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200704	HA-15 (8-10)	Solid	03/19/2007 09:45	03/20/2007 08:50

8260B, Volatiles

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.132J	0.474	0.017	mg/kg

8260B, Volatiles

CAS#	Parameter	Result	RDL	MDL	Units
67-64-1	Acetone	0.011J	0.042	0.000635	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.036	0.00849	0.000214	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200705	B-17 (0-12)	Solid	03/19/2007 10:45	03/20/2007 08:50

8260B, Volatiles

CAS#	Parameter	Result	RDL	MDL	Units
127-18-4	Tetrachloroethene	0.933	0.368	0.014	mg/kg

Summary of Compounds Detected (con't)

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200706	B-17 (8-10)	Solid	03/19/2007 10:55	03/20/2007 08:50

8260B, Volatiles

CAS#	Parameter	Result	RDL	MDL	Units
127-18-4	Tetrachloroethene	0.186	0.00891	0.000342	mg/kg

GCAL ID 20703200701	Client ID HA-14 (0-12)	Matrix Solid	Collect Date/Time 03/19/2007 08:45	Receive Date/Time 03/20/2007 08:50
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8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/26/2007 22:02	By DLB	Analytical Batch 345646
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000156U	0.00634	0.000156	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000228U	0.00634	0.000228	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000145U	0.00634	0.000145	mg/kg
75-34-3	1,1-Dichloroethane	0.000202U	0.00634	0.000202	mg/kg
75-35-4	1,1-Dichloroethene	0.000455U	0.00634	0.000455	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000415U	0.00634	0.000415	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00110U	0.00634	0.00110	mg/kg
106-93-4	1,2-Dibromoethane	0.000190U	0.00634	0.000190	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000145U	0.00634	0.000145	mg/kg
107-06-2	1,2-Dichloroethane	0.000145U	0.00634	0.000145	mg/kg
78-87-5	1,2-Dichloropropane	0.000142U	0.00634	0.000142	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000299U	0.00634	0.000299	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000534U	0.00634	0.000534	mg/kg
78-93-3	2-Butanone	0.000396U	0.00634	0.000396	mg/kg
591-78-6	2-Hexanone	0.00105U	0.00634	0.00105	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000219U	0.00634	0.000219	mg/kg
67-64-1	Acetone	0.036	0.032	0.000474	mg/kg
71-43-2	Benzene	0.000132U	0.00634	0.000132	mg/kg
75-27-4	Bromodichloromethane	0.000171U	0.00634	0.000171	mg/kg
75-25-2	Bromoform	0.000214U	0.00634	0.000214	mg/kg
74-83-9	Bromomethane	0.00191U	0.00634	0.00191	mg/kg
75-15-0	Carbon disulfide	0.000138U	0.00634	0.000138	mg/kg
56-23-5	Carbon tetrachloride	0.000152U	0.00634	0.000152	mg/kg
108-90-7	Chlorobenzene	0.000209U	0.00634	0.000209	mg/kg
75-00-3	Chloroethane	0.000768U	0.00634	0.000768	mg/kg
67-66-3	Chloroform	0.000179U	0.00634	0.000179	mg/kg
74-87-3	Chloromethane	0.000588U	0.00634	0.000588	mg/kg
110-82-7	Cyclohexane	0.00140U	0.00634	0.00140	mg/kg
124-48-1	Dibromochloromethane	0.000114U	0.00634	0.000114	mg/kg
75-71-8	Dichlorodifluoromethane	0.000462U	0.00634	0.000462	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000146U	0.00634	0.000146	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000179U	0.00634	0.000179	mg/kg
100-41-4	Ethylbenzene	0.000262U	0.00634	0.000262	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000194U	0.00634	0.000194	mg/kg
79-20-9	Methyl Acetate	0.00194U	0.00634	0.00194	mg/kg
108-87-2	Methylcyclohexane	0.000469U	0.00634	0.000469	mg/kg
75-09-2	Methylene chloride	0.000607U	0.013	0.000607	mg/kg
100-42-5	Styrene	0.000193U	0.00634	0.000193	mg/kg
127-18-4	Tetrachloroethene	0.000243U	0.00634	0.000243	mg/kg
108-88-3	Toluene	0.000697U	0.00634	0.000697	mg/kg
79-01-6	Trichloroethene	0.017	0.00634	0.000224	mg/kg
75-69-4	Trichlorofluoromethane	0.000320U	0.00634	0.000320	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000238U	0.00634	0.000238	mg/kg
75-01-4	Vinyl chloride	0.000445U	0.00634	0.000445	mg/kg
1330-20-7	Xylene (total)	0.000725U	0.013	0.000725	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000160U	0.00634	0.000160	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000938U	0.00634	0.0000938	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000208U	0.00634	0.000208	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200701	HA-14 (0-12)	Solid	03/19/2007 08:45	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/26/2007 22:02	DLB	345646

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.057	.063	mg/kg	110	84 - 118
1868-53-7	Dibromofluoromethane	.057	.064	mg/kg	111	65 - 135
2037-26-5	Toluene d8	.057	.072	mg/kg	125*	84 - 116
17060-07-0	1,2-Dichloroethane-d4	.057	.061	mg/kg	106	52 - 149

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200701	HA-14 (0-12)	Solid	03/19/2007 08:45	03/20/2007 08:50

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/20/2007 11:45	RLY	345206

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	9.55	0.010	0.010	%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200702	HA-14 (8-10)	Solid	03/19/2007 08:55	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/26/2007 22:27	DLB	345646

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000213U	0.00866	0.000213	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000312U	0.00866	0.000312	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000197U	0.00866	0.000197	mg/kg
75-34-3	1,1-Dichloroethane	0.000275U	0.00866	0.000275	mg/kg
75-35-4	1,1-Dichloroethene	0.000622U	0.00866	0.000622	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000566U	0.00866	0.000566	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00150U	0.00866	0.00150	mg/kg
106-93-4	1,2-Dibromoethane	0.000260U	0.00866	0.000260	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000197U	0.00866	0.000197	mg/kg
107-06-2	1,2-Dichloroethane	0.000197U	0.00866	0.000197	mg/kg
78-87-5	1,2-Dichloropropane	0.000194U	0.00866	0.000194	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000409U	0.00866	0.000409	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000729U	0.00866	0.000729	mg/kg
78-93-3	2-Butanone	0.028	0.00866	0.000540	mg/kg
591-78-6	2-Hexanone	0.00143U	0.00866	0.00143	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000300U	0.00866	0.000300	mg/kg
67-64-1	Acetone	0.022J	0.043	0.000647	mg/kg
71-43-2	Benzene	0.000180U	0.00866	0.000180	mg/kg
75-27-4	Bromodichloromethane	0.000234U	0.00866	0.000234	mg/kg
75-25-2	Bromoform	0.000293U	0.00866	0.000293	mg/kg
74-83-9	Bromomethane	0.012	0.00866	0.00261	mg/kg
75-15-0	Carbon disulfide	0.000189U	0.00866	0.000189	mg/kg
56-23-5	Carbon tetrachloride	0.000208U	0.00866	0.000208	mg/kg
108-90-7	Chlorobenzene	0.000286U	0.00866	0.000286	mg/kg
75-00-3	Chloroethane	0.00105U	0.00866	0.00105	mg/kg
67-66-3	Chloroform	0.000244U	0.00866	0.000244	mg/kg
74-87-3	Chloromethane	0.000803U	0.00866	0.000803	mg/kg
110-82-7	Cyclohexane	0.00191U	0.00866	0.00191	mg/kg
124-48-1	Dibromochloromethane	0.000156U	0.00866	0.000156	mg/kg
75-71-8	Dichlorodifluoromethane	0.000630U	0.00866	0.000630	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000199U	0.00866	0.000199	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000244U	0.00866	0.000244	mg/kg
100-41-4	Ethylbenzene	0.000358U	0.00866	0.000358	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000265U	0.00866	0.000265	mg/kg
79-20-9	Methyl Acetate	0.00265U	0.00866	0.00265	mg/kg
108-87-2	Methylcyclohexane	0.000641U	0.00866	0.000641	mg/kg
75-09-2	Methylene chloride	0.000829U	0.017	0.000829	mg/kg
100-42-5	Styrene	0.000263U	0.00866	0.000263	mg/kg
127-18-4	Tetrachloroethene	0.000332U	0.00866	0.000332	mg/kg
108-88-3	Toluene	0.000952U	0.00866	0.000952	mg/kg
79-01-6	Trichloroethene	0.00962	0.00866	0.000306	mg/kg
75-69-4	Trichlorofluoromethane	0.000436U	0.00866	0.000436	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000325U	0.00866	0.000325	mg/kg
75-01-4	Vinyl chloride	0.000608U	0.00866	0.000608	mg/kg
1330-20-7	Xylene (total)	0.000990U	0.017	0.000990	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.00678J	0.00866	0.000218	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000128U	0.00866	0.000128	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000284U	0.00866	0.000284	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200702	HA-14 (8-10)	Solid	03/19/2007 08:55	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/26/2007 22:27	DLB	345646

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.072	.089	mg/kg	124*	84 - 118
1868-53-7	Dibromofluoromethane	.072	.086	mg/kg	119	65 - 135
2037-26-5	Toluene d8	.072	.091	mg/kg	126*	84 - 116
17060-07-0	1,2-Dichloroethane-d4	.072	.087	mg/kg	120	52 - 149

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200702	HA-14 (8-10)	Solid	03/19/2007 08:55	03/20/2007 08:50

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/20/2007 11:45	RLY	345206

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	16.5	0.010	0.010	%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200703	HA-15 (0-12)	Solid	03/19/2007 09:30	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/27/2007 14:54	DLB	345746

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.00936U	0.380	0.00936	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.014U	0.380	0.014	mg/kg
79-00-5	1,1,2-Trichloroethane	0.00867U	0.380	0.00867	mg/kg
75-34-3	1,1-Dichloroethane	0.012U	0.380	0.012	mg/kg
75-35-4	1,1-Dichloroethene	0.027U	0.380	0.027	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.025U	0.380	0.025	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.066U	0.380	0.066	mg/kg
106-93-4	1,2-Dibromoethane	0.011U	0.380	0.011	mg/kg
95-50-1	1,2-Dichlorobenzene	0.00867U	0.380	0.00867	mg/kg
107-06-2	1,2-Dichloroethane	0.00867U	0.380	0.00867	mg/kg
78-87-5	1,2-Dichloropropane	0.00852U	0.380	0.00852	mg/kg
541-73-1	1,3-Dichlorobenzene	0.018U	0.380	0.018	mg/kg
106-46-7	1,4-Dichlorobenzene	0.032U	0.380	0.032	mg/kg
78-93-3	2-Butanone	0.024U	0.380	0.024	mg/kg
591-78-6	2-Hexanone	0.063U	0.380	0.063	mg/kg
108-10-1	4-Methyl-2-pentanone	0.013U	0.380	0.013	mg/kg
67-64-1	Acetone	0.028U	1.90	0.028	mg/kg
71-43-2	Benzene	0.00791U	0.380	0.00791	mg/kg
75-27-4	Bromodichloromethane	0.010U	0.380	0.010	mg/kg
75-25-2	Bromoform	0.013U	0.380	0.013	mg/kg
74-83-9	Bromomethane	0.114U	0.380	0.114	mg/kg
75-15-0	Carbon disulfide	0.00829U	0.380	0.00829	mg/kg
56-23-5	Carbon tetrachloride	0.00913U	0.380	0.00913	mg/kg
108-90-7	Chlorobenzene	0.013U	0.380	0.013	mg/kg
75-00-3	Chloroethane	0.046U	0.380	0.046	mg/kg
67-66-3	Chloroform	0.011U	0.380	0.011	mg/kg
74-87-3	Chloromethane	0.035U	0.380	0.035	mg/kg
110-82-7	Cyclohexane	0.084U	0.380	0.084	mg/kg
124-48-1	Dibromochloromethane	0.00685U	0.380	0.00685	mg/kg
75-71-8	Dichlorodifluoromethane	0.028U	0.380	0.028	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.00875U	0.380	0.00875	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.011U	0.380	0.011	mg/kg
100-41-4	Ethylbenzene	0.016U	0.380	0.016	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.012U	0.380	0.012	mg/kg
79-20-9	Methyl Acetate	0.116U	0.380	0.116	mg/kg
108-87-2	Methylcyclohexane	0.028U	0.380	0.028	mg/kg
75-09-2	Methylene chloride	0.036U	0.761	0.036	mg/kg
100-42-5	Styrene	0.012U	0.380	0.012	mg/kg
127-18-4	Tetrachloroethene	0.015U	0.380	0.015	mg/kg
108-88-3	Toluene	0.042U	0.380	0.042	mg/kg
79-01-6	Trichloroethene	0.586	0.380	0.013	mg/kg
75-69-4	Trichlorofluoromethane	0.019U	0.380	0.019	mg/kg
76-13-1	Trichlorotrifluoroethane	0.014U	0.380	0.014	mg/kg
75-01-4	Vinyl chloride	0.027U	0.380	0.027	mg/kg
1330-20-7	Xylene (total)	0.044U	0.761	0.044	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.00958U	0.380	0.00958	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00563U	0.380	0.00563	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.012U	0.380	0.012	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200703	HA-15 (0-12)	Solid	03/19/2007 09:30	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/27/2007 14:54	DLB	345746

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3.27	3.83	mg/kg	117	84 - 118
1868-53-7	Dibromofluoromethane	3.27	3.05	mg/kg	93	65 - 135
2037-26-5	Toluene d8	3.27	3.61	mg/kg	110	84 - 116
17060-07-0	1,2-Dichloroethane-d4	3.27	2.94	mg/kg	90	52 - 149

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200703	HA-15 (0-12)	Solid	03/19/2007 09:30	03/20/2007 08:50

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/20/2007 11:45	RLY	345206

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	14.0	0.010	0.010	%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID 20703200704	Client ID HA-15 (8-10)	Matrix Solid	Collect Date/Time 03/19/2007 09:45	Receive Date/Time 03/20/2007 08:50
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8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 03/26/2007 23:15	By DLB	Analytical Batch 345646
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CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000209U	0.00849	0.000209	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000306U	0.00849	0.000306	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000194U	0.00849	0.000194	mg/kg
75-34-3	1,1-Dichloroethane	0.000270U	0.00849	0.000270	mg/kg
75-35-4	1,1-Dichloroethene	0.000609U	0.00849	0.000609	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000555U	0.00849	0.000555	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00147U	0.00849	0.00147	mg/kg
106-93-4	1,2-Dibromoethane	0.000255U	0.00849	0.000255	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000194U	0.00849	0.000194	mg/kg
107-06-2	1,2-Dichloroethane	0.000194U	0.00849	0.000194	mg/kg
78-87-5	1,2-Dichloropropane	0.000190U	0.00849	0.000190	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000401U	0.00849	0.000401	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000715U	0.00849	0.000715	mg/kg
78-93-3	2-Butanone	0.000530U	0.00849	0.000530	mg/kg
591-78-6	2-Hexanone	0.00140U	0.00849	0.00140	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000294U	0.00849	0.000294	mg/kg
67-64-1	Acetone	0.011J	0.042	0.000635	mg/kg
71-43-2	Benzene	0.000177U	0.00849	0.000177	mg/kg
75-27-4	Bromodichloromethane	0.000229U	0.00849	0.000229	mg/kg
75-25-2	Bromoform	0.000287U	0.00849	0.000287	mg/kg
74-83-9	Bromomethane	0.00256U	0.00849	0.00256	mg/kg
75-15-0	Carbon disulfide	0.000185U	0.00849	0.000185	mg/kg
56-23-5	Carbon tetrachloride	0.000204U	0.00849	0.000204	mg/kg
108-90-7	Chlorobenzene	0.000280U	0.00849	0.000280	mg/kg
75-00-3	Chloroethane	0.00103U	0.00849	0.00103	mg/kg
67-66-3	Chloroform	0.000239U	0.00849	0.000239	mg/kg
74-87-3	Chloromethane	0.000788U	0.00849	0.000788	mg/kg
110-82-7	Cyclohexane	0.00188U	0.00849	0.00188	mg/kg
124-48-1	Dibromochloromethane	0.000153U	0.00849	0.000153	mg/kg
75-71-8	Dichlorodifluoromethane	0.000618U	0.00849	0.000618	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000195U	0.00849	0.000195	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000239U	0.00849	0.000239	mg/kg
100-41-4	Ethylbenzene	0.000351U	0.00849	0.000351	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000260U	0.00849	0.000260	mg/kg
79-20-9	Methyl Acetate	0.00260U	0.00849	0.00260	mg/kg
108-87-2	Methylcyclohexane	0.000628U	0.00849	0.000628	mg/kg
75-09-2	Methylene chloride	0.000813U	0.017	0.000813	mg/kg
100-42-5	Styrene	0.000258U	0.00849	0.000258	mg/kg
127-18-4	Tetrachloroethene	0.000326U	0.00849	0.000326	mg/kg
108-88-3	Toluene	0.000934U	0.00849	0.000934	mg/kg
75-69-4	Trichlorofluoromethane	0.000428U	0.00849	0.000428	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000319U	0.00849	0.000319	mg/kg
75-01-4	Vinyl chloride	0.000596U	0.00849	0.000596	mg/kg
1330-20-7	Xylene (total)	0.000971U	0.017	0.000971	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.036	0.00849	0.000214	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000126U	0.00849	0.000126	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000278U	0.00849	0.000278	mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.067	.081	mg/kg	120*	84 - 118

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200704	HA-15 (8-10)	Solid	03/19/2007 09:45	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/26/2007 23:15	DLB	345646

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
1868-53-7	Dibromofluoromethane	.067	.075	mg/kg	112	65 - 135
2037-26-5	Toluene d8	.067	.08	mg/kg	119*	84 - 116
17060-07-0	1,2-Dichloroethane-d4	.067	.08	mg/kg	118	52 - 149

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200704	HA-15 (8-10)	Solid	03/19/2007 09:45	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/27/2007 15:16	DLB	345746

CAS#	Parameter	Result	RDL	MDL	Units
79-01-6	Trichloroethene	0.132J	0.474	0.017	mg/kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3.77	4.36	mg/kg	116	84 - 118
1868-53-7	Dibromofluoromethane	3.77	3.56	mg/kg	95	65 - 135
2037-26-5	Toluene d8	3.77	4.12	mg/kg	109	84 - 116
17060-07-0	1,2-Dichloroethane-d4	3.77	3.43	mg/kg	91	52 - 149

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200704	HA-15 (8-10)	Solid	03/19/2007 09:45	03/20/2007 08:50

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/20/2007 11:45	RLY	345206

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	20.6	0.010	0.010	%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200705	B-17 (0-12)	Solid	03/19/2007 10:45	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/27/2007 15:38	DLB	345746

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.00905U	0.368	0.00905	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.013U	0.368	0.013	mg/kg
79-00-5	1,1,2-Trichloroethane	0.00839U	0.368	0.00839	mg/kg
75-34-3	1,1-Dichloroethane	0.012U	0.368	0.012	mg/kg
75-35-4	1,1-Dichloroethene	0.026U	0.368	0.026	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.024U	0.368	0.024	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.064U	0.368	0.064	mg/kg
106-93-4	1,2-Dibromoethane	0.011U	0.368	0.011	mg/kg
95-50-1	1,2-Dichlorobenzene	0.00839U	0.368	0.00839	mg/kg
107-06-2	1,2-Dichloroethane	0.00839U	0.368	0.00839	mg/kg
78-87-5	1,2-Dichloropropane	0.00824U	0.368	0.00824	mg/kg
541-73-1	1,3-Dichlorobenzene	0.017U	0.368	0.017	mg/kg
106-46-7	1,4-Dichlorobenzene	0.031U	0.368	0.031	mg/kg
78-93-3	2-Butanone	0.023U	0.368	0.023	mg/kg
591-78-6	2-Hexanone	0.061U	0.368	0.061	mg/kg
108-10-1	4-Methyl-2-pentanone	0.013U	0.368	0.013	mg/kg
67-64-1	Acetone	0.028U	1.84	0.028	mg/kg
71-43-2	Benzene	0.00765U	0.368	0.00765	mg/kg
75-27-4	Bromodichloromethane	0.00993U	0.368	0.00993	mg/kg
75-25-2	Bromoform	0.012U	0.368	0.012	mg/kg
74-83-9	Bromomethane	0.111U	0.368	0.111	mg/kg
75-15-0	Carbon disulfide	0.00802U	0.368	0.00802	mg/kg
56-23-5	Carbon tetrachloride	0.00883U	0.368	0.00883	mg/kg
108-90-7	Chlorobenzene	0.012U	0.368	0.012	mg/kg
75-00-3	Chloroethane	0.045U	0.368	0.045	mg/kg
67-66-3	Chloroform	0.010U	0.368	0.010	mg/kg
74-87-3	Chloromethane	0.034U	0.368	0.034	mg/kg
110-82-7	Cyclohexane	0.081U	0.368	0.081	mg/kg
124-48-1	Dibromochloromethane	0.00662U	0.368	0.00662	mg/kg
75-71-8	Dichlorodifluoromethane	0.027U	0.368	0.027	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.00846U	0.368	0.00846	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.010U	0.368	0.010	mg/kg
100-41-4	Ethylbenzene	0.015U	0.368	0.015	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.011U	0.368	0.011	mg/kg
79-20-9	Methyl Acetate	0.112U	0.368	0.112	mg/kg
108-87-2	Methylcyclohexane	0.027U	0.368	0.027	mg/kg
75-09-2	Methylene chloride	0.035U	0.736	0.035	mg/kg
100-42-5	Styrene	0.011U	0.368	0.011	mg/kg
127-18-4	Tetrachloroethene	0.933	0.368	0.014	mg/kg
108-88-3	Toluene	0.040U	0.368	0.040	mg/kg
79-01-6	Trichloroethene	0.013U	0.368	0.013	mg/kg
75-69-4	Trichlorofluoromethane	0.019U	0.368	0.019	mg/kg
76-13-1	Trichlorotrifluoroethane	0.014U	0.368	0.014	mg/kg
75-01-4	Vinyl chloride	0.026U	0.368	0.026	mg/kg
1330-20-7	Xylene (total)	0.042U	0.736	0.042	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.00927U	0.368	0.00927	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00544U	0.368	0.00544	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.012U	0.368	0.012	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200705	B-17 (0-12)	Solid	03/19/2007 10:45	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/27/2007 15:38	DLB	345746

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	3.03	3.59	mg/kg	119*	84 - 118
1868-53-7	Dibromofluoromethane	3.03	2.83	mg/kg	94	65 - 135
2037-26-5	Toluene d8	3.03	3.3	mg/kg	109	84 - 116
17060-07-0	1,2-Dichloroethane-d4	3.03	2.78	mg/kg	92	52 - 149

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200705	B-17 (0-12)	Solid	03/19/2007 10:45	03/20/2007 08:50

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/20/2007 11:45	RLY	345206

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	17.7	0.010	0.010	%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200706	B-17 (8-10)	Solid	03/19/2007 10:55	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/27/2007 00:03	DLB	345646

CAS#	Parameter	Result	RDL	MDL	Units
71-55-6	1,1,1-Trichloroethane	0.000219U	0.00891	0.000219	mg/kg
79-34-5	1,1,2,2-Tetrachloroethane	0.000321U	0.00891	0.000321	mg/kg
79-00-5	1,1,2-Trichloroethane	0.000203U	0.00891	0.000203	mg/kg
75-34-3	1,1-Dichloroethane	0.000283U	0.00891	0.000283	mg/kg
75-35-4	1,1-Dichloroethene	0.000640U	0.00891	0.000640	mg/kg
120-82-1	1,2,4-Trichlorobenzene	0.000583U	0.00891	0.000583	mg/kg
96-12-8	1,2-Dibromo-3-chloropropane	0.00154U	0.00891	0.00154	mg/kg
106-93-4	1,2-Dibromoethane	0.000267U	0.00891	0.000267	mg/kg
95-50-1	1,2-Dichlorobenzene	0.000203U	0.00891	0.000203	mg/kg
107-06-2	1,2-Dichloroethane	0.000203U	0.00891	0.000203	mg/kg
78-87-5	1,2-Dichloropropane	0.000200U	0.00891	0.000200	mg/kg
541-73-1	1,3-Dichlorobenzene	0.000421U	0.00891	0.000421	mg/kg
106-46-7	1,4-Dichlorobenzene	0.000750U	0.00891	0.000750	mg/kg
78-93-3	2-Butanone	0.000556U	0.00891	0.000556	mg/kg
591-78-6	2-Hexanone	0.00147U	0.00891	0.00147	mg/kg
108-10-1	4-Methyl-2-pentanone	0.000308U	0.00891	0.000308	mg/kg
67-64-1	Acetone	0.000667U	0.045	0.000667	mg/kg
71-43-2	Benzene	0.000185U	0.00891	0.000185	mg/kg
75-27-4	Bromodichloromethane	0.000241U	0.00891	0.000241	mg/kg
75-25-2	Bromoform	0.000301U	0.00891	0.000301	mg/kg
74-83-9	Bromomethane	0.00268U	0.00891	0.00268	mg/kg
75-15-0	Carbon disulfide	0.000194U	0.00891	0.000194	mg/kg
56-23-5	Carbon tetrachloride	0.000214U	0.00891	0.000214	mg/kg
108-90-7	Chlorobenzene	0.000294U	0.00891	0.000294	mg/kg
75-00-3	Chloroethane	0.00108U	0.00891	0.00108	mg/kg
67-66-3	Chloroform	0.000251U	0.00891	0.000251	mg/kg
74-87-3	Chloromethane	0.000827U	0.00891	0.000827	mg/kg
110-82-7	Cyclohexane	0.00197U	0.00891	0.00197	mg/kg
124-48-1	Dibromochloromethane	0.000160U	0.00891	0.000160	mg/kg
75-71-8	Dichlorodifluoromethane	0.000649U	0.00891	0.000649	mg/kg
10061-01-5	cis-1,3-Dichloropropene	0.000205U	0.00891	0.000205	mg/kg
10061-02-6	trans-1,3-Dichloropropene	0.000251U	0.00891	0.000251	mg/kg
100-41-4	Ethylbenzene	0.000369U	0.00891	0.000369	mg/kg
98-82-8	Isopropylbenzene (Cumene)	0.000273U	0.00891	0.000273	mg/kg
79-20-9	Methyl Acetate	0.00273U	0.00891	0.00273	mg/kg
108-87-2	Methylcyclohexane	0.000659U	0.00891	0.000659	mg/kg
75-09-2	Methylene chloride	0.000854U	0.018	0.000854	mg/kg
100-42-5	Styrene	0.000271U	0.00891	0.000271	mg/kg
127-18-4	Tetrachloroethene	0.186	0.00891	0.000342	mg/kg
108-88-3	Toluene	0.000980U	0.00891	0.000980	mg/kg
79-01-6	Trichloroethene	0.000315U	0.00891	0.000315	mg/kg
75-69-4	Trichlorofluoromethane	0.000449U	0.00891	0.000449	mg/kg
76-13-1	Trichlorotrifluoroethane	0.000335U	0.00891	0.000335	mg/kg
75-01-4	Vinyl chloride	0.000626U	0.00891	0.000626	mg/kg
1330-20-7	Xylene (total)	0.00102U	0.018	0.00102	mg/kg
156-59-2	cis-1,2-Dichloroethene	0.000225U	0.00891	0.000225	mg/kg
1634-04-4	tert-Butyl methyl ether (MTBE)	0.000132U	0.00891	0.000132	mg/kg
156-60-5	trans-1,2-Dichloroethene	0.000292U	0.00891	0.000292	mg/kg

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200706	B-17 (8-10)	Solid	03/19/2007 10:55	03/20/2007 08:50

8260B, Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/27/2007 00:03	DLB	345646

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	.07	.081	mg/kg	116	84 - 118
1868-53-7	Dibromofluoromethane	.07	.085	mg/kg	121	65 - 135
2037-26-5	Toluene d8	.07	.085	mg/kg	122*	84 - 116
17060-07-0	1,2-Dichloroethane-d4	.07	.081	mg/kg	116	52 - 149

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20703200706	B-17 (8-10)	Solid	03/19/2007 10:55	03/20/2007 08:50

2540 G Total Moisture - Solid

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/20/2007 11:45	RLY	345206

CAS#	Parameter	Result	RDL	MDL	Units
WET-037	Total Moisture	21.9	0.010	0.010	%

RESULTS REPORTED ON A DRY WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch 345646 Prep Batch N/A		Client ID MB345646 GCAL ID 468684 Sample Type Method Blank Analytical Date 03/26/2007 19:17 Matrix Solid		LCS345646 468685 LCS 03/26/2007 18:06 Solid			LCSD345646 468686 LCSD 03/26/2007 18:29 Solid				
8260B, Volatiles		Units Result	mg/kg RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	0.000374U	0.000374	0.025	0.025	101	40 - 141	0.028	114	11	30
75-27-4	Bromodichloromethane	0.000135U	0.000135	0.025	0.025	102	72 - 128	0.026	106	4	30
75-25-2	Bromoform	0.000169U	0.000169	0.025	0.025	100	66 - 137	0.027	106	8	30
74-83-9	Bromomethane	0.00151U	0.00151	0.025	0.026	102	45 - 141	0.025	99	4	30
75-15-0	Carbon disulfide	0.000109U	0.000109	0.025	0.020	80	69 - 135	0.020	80	0	30
56-23-5	Carbon tetrachloride	0.000120U	0.000120	0.025	0.017	68	67 - 133	0.020	81	16	30
75-00-3	Chloroethane	0.000606U	0.000606	0.025	0.021	84	41 - 141	0.019	74	10	30
67-66-3	Chloroform	0.000141U	0.000141	0.025	0.023	92	72 - 124	0.023	93	0	30
74-87-3	Chloromethane	0.000464U	0.000464	0.025	0.024	95	51 - 129	0.025	100	4	30
124-48-1	Dibromochloromethane	0.000900U	0.000900	0.025	0.025	99	66 - 130	0.026	106	4	30
75-71-8	Dichlorodifluoromethane	0.000364U	0.000364	0.025	0.017	66	34 - 136	0.020	81	16	30
75-34-3	1,1-Dichloroethane	0.000159U	0.000159	0.025	0.022	88	73 - 125	0.024	94	9	30
107-06-2	1,2-Dichloroethane	0.000114U	0.000114	0.025	0.028	112	72 - 137	0.027	108	4	30
156-59-2	cis-1,2-Dichloroethene	0.000126U	0.000126	0.025	0.023	94	67 - 125	0.025	100	8	30
156-60-5	trans-1,2-Dichloroethene	0.000164U	0.000164	0.025	0.020	81	66 - 134	0.022	89	10	30
75-09-2	Methylene chloride	0.000479U	0.000479	0.025	0.019	76	63 - 137	0.020	82	5	30
78-87-5	1,2-Dichloropropane	0.000112U	0.000112	0.025	0.023	90	71 - 120	0.024	95	4	30
10061-01-5	cis-1,3-Dichloropropene	0.000115U	0.000115	0.025	0.024	95	72 - 126	0.025	99	4	30
10061-02-6	trans-1,3-Dichloropropene	0.000141U	0.000141	0.025	0.024	95	65 - 127	0.026	102	8	30
100-41-4	Ethylbenzene	0.000207U	0.000207	0.025	0.022	86	74 - 127	0.022	88	0	30
591-78-6	2-Hexanone	0.000826U	0.000826	0.025	0.024	98	56 - 153	0.024	97	0	30
98-82-8	Isopropylbenzene (Cumene)	0.000153U	0.000153	0.025	0.021	84	77 - 129	0.022	90	5	30
78-93-3	2-Butanone	0.000312U	0.000312	0.025	0.025	101	40 - 135	0.023	92	8	30
108-10-1	4-Methyl-2-pentanone	0.000173U	0.000173	0.025	0.024	94	47 - 147	0.024	94	0	30
100-42-5	Styrene	0.000152U	0.000152	0.025	0.024	98	74 - 128	0.027	110	12	30
127-18-4	Tetrachloroethene	0.000192U	0.000192	0.025	0.020	81	67 - 139	0.021	84	5	30
79-34-5	1,1,2,2-Tetrachloroethane	0.000180U	0.000180	0.025	0.026	104	59 - 140	0.027	108	4	30
120-82-1	1,2,4-Trichlorobenzene	0.000327U	0.000327	0.025	0.026	105	65 - 131	0.025	101	4	30
71-55-6	1,1,1-Trichloroethane	0.000123U	0.000123	0.025	0.019	74	68 - 130	0.019	78	0	30
79-00-5	1,1,2-Trichloroethane	0.000114U	0.000114	0.025	0.024	97	62 - 127	0.026	104	8	30
75-69-4	Trichlorofluoromethane	0.000252U	0.000252	0.025	0.019	77	49 - 139	0.019	78	0	30
75-01-4	Vinyl chloride	0.000351U	0.000351	0.025	0.020	78	58 - 126	0.020	80	0	30
96-12-8	1,2-Dibromo-3-chloropropane	0.000866U	0.000866	0.025	0.025	98	49 - 135	0.026	104	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 345646 Prep Batch N/A		Client ID MB345646 GCAL ID 468684 Sample Type Method Blank Analytical Date 03/26/2007 19:17 Matrix Solid		LCS345646 468685 LCS 03/26/2007 18:06 Solid			LCSD345646 468686 LCSD 03/26/2007 18:29 Solid				
8260B, Volatiles		Units Result	mg/kg RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
106-93-4	1,2-Dibromoethane	0.000150U	0.000150	0.025	0.026	102	70 - 124	0.028	112	7	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.0000740U	0.0000740	0.025	0.026	104	50 - 135	0.025	102	4	30
1330-20-7	Xylene (total)	0.000572U	0.000572	0.075	0.066	87	80 - 120	0.070	94	6	30
108-87-2	Methylcyclohexane	0.000370U	0.000370	0.025	0.018	73*	79 - 122	0.020	81	11	30
110-82-7	Cyclohexane	0.00111U	0.00111	0.025	0.017	67	61 - 143	0.019	78	11	30
79-20-9	Methyl Acetate	0.00153U	0.00153	0.025	0.00	0*	41 - 164	0.00	0*	0	30
76-13-1	Trichlorotrifluoroethane	0.000188U	0.000188	0.025	0.019	74	71 - 137	0.017	69*	11	30
541-73-1	1,3-Dichlorobenzene	0.000236U	0.000236	0.025	0.026	105	72 - 124	0.026	103	0	30
106-46-7	1,4-Dichlorobenzene	0.000421U	0.000421	0.025	0.026	102	72 - 125	0.026	102	0	30
95-50-1	1,2-Dichlorobenzene	0.000114U	0.000114	0.025	0.025	99	74 - 120	0.026	104	4	30
75-35-4	1,1-Dichloroethene	0.000359U	0.000359	0.025	0.020	78	65 - 136	0.021	83	5	30
71-43-2	Benzene	0.000104U	0.000104	0.025	0.021	84	73 - 126	0.022	89	5	30
79-01-6	Trichloroethene	0.000177U	0.000177	0.025	0.024	96	77 - 124	0.022	87	9	30
108-88-3	Toluene	0.000550U	0.000550	0.025	0.022	86	71 - 127	0.024	96	9	30
108-90-7	Chlorobenzene	0.000165U	0.000165	0.025	0.023	92	75 - 123	0.024	98	4	30
Surrogate											
460-00-4	4-Bromofluorobenzene	59.4	119*	50	57.6	115	84 - 118	59.7	119*		
1868-53-7	Dibromofluoromethane	56.7	113	50	54.3	109	65 - 135	51.2	102		
2037-26-5	Toluene d8	62.4	125*	50	57.2	114	84 - 116	59.2	118*		
17060-07-0	1,2-Dichloroethane-d4	55.8	112	50	50.7	101	52 - 149	51.7	103		

Analytical Batch 345746 Prep Batch N/A		Client ID MB345746 GCAL ID 469149 Sample Type Method Blank Analytical Date 03/27/2007 10:40 Matrix Solid		LCS345746 469150 LCS 03/27/2007 09:55 Solid			
8260B, Volatiles		Units Result	mg/kg RDL	Spike Added	Result	% R	Control Limits % R
67-64-1	Acetone	0.019U	0.019	1.25	1.07	86	40 - 141
75-27-4	Bromodichloromethane	0.00675U	0.00675	1.25	1.16	93	72 - 128
75-25-2	Bromoform	0.00845U	0.00845	1.25	1.31	105	66 - 137
74-83-9	Bromomethane	0.075U	0.075	1.25	1.03	82	45 - 141

GC/MS Volatiles Quality Control Summary

Analytical Batch 345746 Prep Batch N/A		Client ID MB345746 GCAL ID 469149 Sample Type Method Blank Analytical Date 03/27/2007 10:40 Matrix Solid		LCS345746 469150 LCS 03/27/2007 09:55 Solid			
8260B, Volatiles		Units	mg/kg	Spike	Result	% R	Control
		Result	RDL	Added			Limits % R
75-15-0	Carbon disulfide	0.00545U	0.00545	1.25	1.25	100	69 - 135
56-23-5	Carbon tetrachloride	0.00600U	0.00600	1.25	1.14	91	67 - 133
75-00-3	Chloroethane	0.030U	0.030	1.25	1.18	94	41 - 141
67-66-3	Chloroform	0.00705U	0.00705	1.25	1.10	88	72 - 124
74-87-3	Chloromethane	0.023U	0.023	1.25	1.05	84	51 - 129
124-48-1	Dibromochloromethane	0.00450U	0.00450	1.25	1.27	102	66 - 130
75-71-8	Dichlorodifluoromethane	0.018U	0.018	1.25	1.05	84	34 - 136
75-34-3	1,1-Dichloroethane	0.00795U	0.00795	1.25	1.13	90	73 - 125
107-06-2	1,2-Dichloroethane	0.00570U	0.00570	1.25	1.10	88	72 - 137
156-59-2	cis-1,2-Dichloroethene	0.00630U	0.00630	1.25	1.11	89	67 - 125
156-60-5	trans-1,2-Dichloroethene	0.00820U	0.00820	1.25	1.21	97	66 - 134
75-09-2	Methylene chloride	0.024U	0.024	1.25	1.18	94	63 - 137
78-87-5	1,2-Dichloropropane	0.00560U	0.00560	1.25	1.15	92	71 - 120
10061-01-5	cis-1,3-Dichloropropene	0.00575U	0.00575	1.25	1.16	93	72 - 126
10061-02-6	trans-1,3-Dichloropropene	0.00705U	0.00705	1.25	1.16	93	65 - 127
100-41-4	Ethylbenzene	0.010U	0.010	1.25	1.34	107	74 - 127
591-78-6	2-Hexanone	0.041U	0.041	1.25	1.10	88	56 - 153
98-82-8	Isopropylbenzene (Cumene)	0.00765U	0.00765	1.25	1.31	105	77 - 129
78-93-3	2-Butanone	0.016U	0.016	1.25	0.997	80	40 - 135
108-10-1	4-Methyl-2-pentanone	0.00865U	0.00865	1.25	1.11	89	47 - 147
100-42-5	Styrene	0.00760U	0.00760	1.25	1.32	106	74 - 128
127-18-4	Tetrachloroethene	0.00960U	0.00960	1.25	1.21	97	67 - 139
79-34-5	1,1,2,2-Tetrachloroethane	0.00900U	0.00900	1.25	1.45	116	59 - 140
120-82-1	1,2,4-Trichlorobenzene	0.069J	0.016	1.25	1.43	114	65 - 131
71-55-6	1,1,1-Trichloroethane	0.00615U	0.00615	1.25	1.09	87	68 - 130
79-00-5	1,1,2-Trichloroethane	0.00570U	0.00570	1.25	1.31	105	62 - 127
75-69-4	Trichlorofluoromethane	0.013U	0.013	1.25	1.24	99	49 - 139
75-01-4	Vinyl chloride	0.018U	0.018	1.25	1.20	96	58 - 126
96-12-8	1,2-Dibromo-3-chloropropane	0.043U	0.043	1.25	1.44	115	49 - 135
106-93-4	1,2-Dibromoethane	0.00750U	0.00750	1.25	1.34	107	70 - 124
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00370U	0.00370	1.25	1.12	90	50 - 135
1330-20-7	Xylene (total)	0.029U	0.029	3.75	3.82	102	80 - 120
108-87-2	Methylcyclohexane	0.019U	0.019	1.25	1.18	94	79 - 122

GC/MS Volatiles Quality Control Summary

Analytical Batch 345746 Prep Batch N/A		Client ID MB345746 GCAL ID 469149 Sample Type Method Blank Analytical Date 03/27/2007 10:40 Matrix Solid		LCS345746 469150 LCS 03/27/2007 09:55 Solid			
8260B, Volatiles		Units Result	mg/kg RDL	Spike Added	Result	% R	Control Limits % R
110-82-7	Cyclohexane	0.055U	0.055	1.25	1.17	94	61 - 143
79-20-9	Methyl Acetate	0.076U	0.076	1.25	0.990	79	41 - 164
76-13-1	Trichlorotrifluoroethane	0.00940U	0.00940	1.25	1.21	97	71 - 137
541-73-1	1,3-Dichlorobenzene	0.012U	0.012	1.25	1.43	114	72 - 124
106-46-7	1,4-Dichlorobenzene	0.021U	0.021	1.25	1.43	114	72 - 125
95-50-1	1,2-Dichlorobenzene	0.00570U	0.00570	1.25	1.45	116	74 - 120
75-35-4	1,1-Dichloroethene	0.018U	0.018	1.25	1.26	101	65 - 136
71-43-2	Benzene	0.00520U	0.00520	1.25	1.15	92	73 - 126
79-01-6	Trichloroethene	0.00885U	0.00885	1.25	1.15	92	77 - 124
108-88-3	Toluene	0.028U	0.028	1.25	1.26	101	71 - 127
108-90-7	Chlorobenzene	0.00825U	0.00825	1.25	1.32	106	75 - 123
Surrogate							
460-00-4	4-Bromofluorobenzene	2840	114	2500	2840	114	84 - 118
1868-53-7	Dibromofluoromethane	2340	94	2500	2390	96	65 - 135
2037-26-5	Toluene d8	2770	111	2500	2750	110	84 - 116
17060-07-0	1,2-Dichloroethane-d4	2240	90	2500	2270	91	52 - 149

Analytical Batch 345746 Prep Batch N/A		Client ID HA-15 (0-12) GCAL ID 20703200703 Sample Type SAMPLE Analytical Date 03/27/2007 14:54 Matrix Solid		466526MS 469151 MS 03/27/2007 16:01 Solid				466526MSD 469152 MSD 03/27/2007 16:23 Solid			
8260B, Volatiles		Units Result	mg/kg RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
67-64-1	Acetone	0.00	0.024	1.64	1.63	100	40 - 141	1.67	102	2	30
75-27-4	Bromodichloromethane	0.00	0.00884	1.64	1.49	91	72 - 128	1.44	88	3	30
75-25-2	Bromoform	0.00	0.011	1.64	1.68	103	66 - 137	1.69	103	0.6	30
74-83-9	Bromomethane	0.00	0.098	1.64	0.791	48	45 - 141	0.849	52	7	30
75-15-0	Carbon disulfide	0.00	0.00713	1.64	0.911	56*	69 - 135	0.843	52*	8	30
56-23-5	Carbon tetrachloride	0.00	0.00785	1.64	1.39	85	67 - 133	1.29	79	7	30
75-00-3	Chloroethane	0.00	0.040	1.64	0.00	0*	41 - 141	0.00	0*	0	30
67-66-3	Chloroform	0.00	0.00923	1.64	1.41	86	72 - 124	1.32	81	7	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 345746 Prep Batch N/A		Client ID GCAL ID Sample Type Analytical Date Matrix		HA-15 (0-12) 20703200703 SAMPLE 03/27/2007 14:54 Solid				466526MS 469151 MS 03/27/2007 16:01 Solid			466526MSD 469152 MSD 03/27/2007 16:23 Solid		
8260B, Volatiles		Units Result	mg/kg RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit		
74-87-3	Chloromethane	0.00	0.030	1.64	1.30	79	51 - 129	1.26	77	3	30		
124-48-1	Dibromochloromethane	0.00	0.00589	1.64	1.58	97	66 - 130	1.59	97	0.6	30		
75-71-8	Dichlorodifluoromethane	0.00	0.024	1.64	1.24	76	34 - 136	1.14	70	8	30		
75-34-3	1,1-Dichloroethane	0.00	0.010	1.64	1.36	83	73 - 125	1.28	78	6	30		
107-06-2	1,2-Dichloroethane	0.00	0.00746	1.64	1.46	89	72 - 137	1.39	85	5	30		
156-59-2	cis-1,2-Dichloroethene	0.00	0.00825	1.64	1.40	86	67 - 125	1.32	81	6	30		
156-60-5	trans-1,2-Dichloroethene	0.00	0.011	1.64	1.40	86	66 - 134	1.32	81	6	30		
75-09-2	Methylene chloride	0.00	0.031	1.64	1.36	83	63 - 137	1.34	82	1	30		
78-87-5	1,2-Dichloropropane	0.00	0.00733	1.64	1.48	90	71 - 120	1.43	87	3	30		
10061-01-5	cis-1,3-Dichloropropene	0.00	0.00753	1.64	1.54	94	72 - 126	1.43	87	7	30		
10061-02-6	trans-1,3-Dichloropropene	0.00	0.00923	1.64	1.51	92	65 - 127	1.45	89	4	30		
100-41-4	Ethylbenzene	0.00	0.014	1.64	1.71	105	74 - 127	1.63	100	5	30		
591-78-6	2-Hexanone	0.00	0.054	1.64	1.48	90	56 - 153	1.53	94	3	30		
98-82-8	Isopropylbenzene (Cumene)	0.00	0.010	1.64	1.71	105	77 - 129	1.63	100	5	30		
78-93-3	2-Butanone	0.00	0.020	1.64	1.45	89	40 - 135	1.42	87	2	30		
108-10-1	4-Methyl-2-pentanone	0.00	0.011	1.64	1.45	89	47 - 147	1.43	87	1	30		
100-42-5	Styrene	0.00	0.00995	1.64	1.71	105	74 - 128	1.68	103	2	30		
127-18-4	Tetrachloroethene	0.00	0.013	1.64	1.54	94	67 - 139	1.47	90	5	30		
79-34-5	1,1,2,2-Tetrachloroethane	0.00	0.012	1.64	1.69	103	59 - 140	1.70	104	0.6	30		
120-82-1	1,2,4-Trichlorobenzene	0.00	0.021	1.64	1.66	101	65 - 131	1.68	103	1	30		
71-55-6	1,1,1-Trichloroethane	0.00	0.00805	1.64	1.38	84	68 - 130	1.29	79	7	30		
79-00-5	1,1,2-Trichloroethane	0.00	0.00746	1.64	1.65	101	62 - 127	1.68	103	2	30		
75-69-4	Trichlorofluoromethane	0.00	0.016	1.64	0.328	20*	49 - 139	0.294	18*	11	30		
75-01-4	Vinyl chloride	0.00	0.023	1.64	1.36	83	58 - 126	1.30	79	5	30		
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.057	1.64	1.81	111	49 - 135	1.84	112	2	30		
106-93-4	1,2-Dibromoethane	0.00	0.00982	1.64	1.64	100	70 - 124	1.71	105	4	30		
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.00484	1.64	1.40	86	50 - 135	1.34	82	4	30		
1330-20-7	Xylene (total)	0.00	0.037	4.91	4.82	98	80 - 120	4.69	96	3	30		
108-87-2	Methylcyclohexane	0.00	0.024	1.64	1.53	94	79 - 122	1.38	84	10	30		
110-82-7	Cyclohexane	0.00	0.072	1.64	1.47	90	61 - 143	1.34	82	9	30		
79-20-9	Methyl Acetate	0.00	0.100	1.64	2.54	155	41 - 164	2.42	148	5	30		
76-13-1	Trichlorotrifluoroethane	0.00	0.012	1.64	0.977	60*	71 - 137	0.926	57*	5	30		
541-73-1	1,3-Dichlorobenzene	0.00	0.015	1.64	1.68	103	72 - 124	1.67	102	0.6	30		

GC/MS Volatiles Quality Control Summary

Analytical Batch 345746 Prep Batch N/A		Client ID HA-15 (0-12) GCAL ID 20703200703 Sample Type SAMPLE Analytical Date 03/27/2007 14:54 Matrix Solid		466526MS 469151 MS 03/27/2007 16:01 Solid			466526MSD 469152 MSD 03/27/2007 16:23 Solid				
8260B, Volatiles		Units Result	mg/kg RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
106-46-7	1,4-Dichlorobenzene	0.00	0.028	1.64	1.67	102	72 - 125	1.64	100	2	30
95-50-1	1,2-Dichlorobenzene	0.00	0.00746	1.64	1.73	106	74 - 120	1.72	105	0.6	30
75-35-4	1,1-Dichloroethene	0.00	0.023	1.64	0.918	56*	65 - 136	0.800	49*	14	30
71-43-2	Benzene	0.00	0.00681	1.64	1.44	88	73 - 126	1.34	82	7	30
79-01-6	Trichloroethene	0.504	0.012	1.64	1.87	83	77 - 124	1.77	77	5	30
108-88-3	Toluene	0.00	0.036	1.64	1.62	99	71 - 127	1.53	94	6	30
108-90-7	Chlorobenzene	0.00	0.011	1.64	1.67	102	75 - 123	1.62	99	3	30
Surrogate											
460-00-4	4-Bromofluorobenzene	3.83	117	3270	3900	119*	84 - 118	3970	121*		
1868-53-7	Dibromofluoromethane	3.05	93	3270	3160	97	65 - 135	3040	93		
2037-26-5	Toluene d8	3.61	110	3270	3530	108	84 - 116	3610	110		
17060-07-0	1,2-Dichloroethane-d4	2.94	90	3270	3130	96	52 - 149	2980	91		

L56net/4569/207032007/3-22-07

Chain of Custody Record

Lab Report No.:

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Company: AEROSTAR	Gulf Coast LabNet, Inc. An Environmental Lab Services Co. Phone: (251) 625-1331 Fax: (251) 625-1299	Modified from DEP Form #: 62-770.900(2)	Page / of /
Address: 4640 S. CARROULTAN AVE. NEW ORLEANS, LA 70119		FDEP Facility No.:	Project Name: BROOKLEY FIELD OMS 28
		Location: MOBILE, AL	Project No.: 0405-517-07

Attn: EMILIE WIEN		Phone:		Fax:		014 Full 8260										← Preservative	
Sampled by [Print Name]/Affiliation Emilie Wien		Sampler Signature 															← Analysis
REQUESTED DUE DATE																	
Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Comp.	Matrix Codes	No. Cont.										Remarks	Lab. No.
					SO											REPORT IN PPM	
	HA-14 (0-12")	3/19/07	845	G	GW	4	X										1
	HA-14 (8-10')		855	 		4	X									*REPORT ON WET	2
	HA-15 (0-12")		930	 		4	X									WEIGHT BASIS:	3
	HA-15 (8-10')		945	 		4	X									Report on Dry Wt.	4
	B-17 (0-12")		1045	 		4	X									Basis	5
	B-17 (8-10')		1055	 		4	X									EPM 03121107	6

Shipment Method		24 ← Total Number of Containers							
Out: / /	Via:	Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time	
Returned: / /	Via:			3/19/07	1720		3-19-07	1720	
Additional Comments			WHL GCL	3-19-07	1800	FedEx	J.D.M.	3-19-07	1800
			FedEx	J.D.M.	3-20-07	850		3-20-07	850
Cooler No.(s) / Temperature(s) (°C)			Sampling Kit No.		Equipment ID No.				
3			6283						

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify) **Cl₂OH + NaHSO₄**