CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.58	5.79	0.58	2.71	27.14	2.71	U
79-00-5	1,1,2-Trichloroethane	0.57	5.73	0.57	3.22	32.20	3.22	U
591-78-6	2-Hexanone	0.49	4.95	0.49	2.09	20.92	2.09	U
142-28-9	1,3-Dichloropropane	0.61	6.07	0.61	2.90	28.96	2.90	U
111-65-9	Octane	0.60	5.79	0.60	2.87	27.93	2.87	U
124-48-1	Dibromochloromethane	0.49	4.95	0.49	4.35	43.51	4.35	U
106-93-4	1,2-Dibromoethane	0.58	5.79	0.58	4.60	45.96	4.60	U
127-18-4	Tetrachloroethene	0.58	5.79	0.58	4.06	40.58	4.06	U
108-90-7	Chlorobenzene	0.58	5.85	0.58	2.79	27.89	2.79	U
630-20-6	1,1,1,2-Tetrachloroethane	0.57	5.73	0.57	4.02	40.64	4.02	U
100-41-4	Ethylbenzene	0.58	5.79	0.58	2.59	25.91	2.59	U
108-38-3	m & p-Xylene	1.16	11.58	1.16	5.18	51.83	5.18	U
100-42-5	Styrene	0.58	5.79	0.58	2.54	25.43	2.54	U
75-25-2	Bromoform	0.52	5.23	0.52	5.58	55.79	5.58	U
95-47-6	o-Xylene	0.58	5.79	0.64	2.59	25.91	2.88	J
79-34-5	1,1,2,2-Tetrachloroethane	0.58	5.79	0.58	4.11	41.07	4.11	U
96-18-4	1,2,3-Trichloropropane	0.61	6.13	0.61	3.81	38.14	3.81	U
110-57-6	t-1,4-Dichloro-2-butene	1.32	13.15	1.32	6.94	69.43	6.94	U
622-96-8	4-Ethyltoluene	0.51	5.11	0.51	2.59	25.92	2.59	U
108-67-8	1,3,5-Trimethylbenzene	0.58	5.85	0.58	2.96	29.62	2.96	U
98-83-9	Methylstyrene	0.64	12.70	0.64	3.17	63.40	3.17	U
95-63-6	1,2,4-Trimethylbenzene	0.58	5.79	0.58	2.93	29.34	2.93	U
541-73-1	1,3-Dichlorobenzene	0.58	5.79	0.58	3.59	35.94	3.59	U
100-44-7	Benzyl chloride	0.51	5.06	0.80	2.71	27.13	4.30	J
106-46-7	1,4-Dichlorobenzene	0.58	5.79	0.58	3.59	35.94	3.59	U
95-50-1	1,2-Dichlorobenzene	0.58	5.79	0.58	3.59	35.94	3.59	U
96-12-8	1,2-Dibromo-3-chloropropane	1.24	12.37	1.24	12.34	123.43	12.34	U
120-82-1	1,2,4-Trichlorobenzene	0.58	5.79	0.58	4.43	44.25	4.43	U
91-20-3	Napthalene	1.23	12.31	1.23	6.66	66.63	6.66	U
87-68-3	Hexachlorobutadiene	0.58	5.79	0.58	6.38	63.81	6.38	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	9.750	98	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1946 GC/TCD
Analytical Method: ASTM D 1946

SDG: 207221
Laboratory Number: 12

File: 0722112A.D
Description: P9 (5122)
Can/Tube#: 705
Sam_Type: SA
QC_Batch: 042507-GC5
Air Volume: 0.5 ml

Date Sampled: 04/19/07 **Time:** 10:15
Date Received: 04/20/07
Date Extracted:
Date Analyzed: 04/25/07 **Time:** 13:08
Can Dilution Factor: 1.33 0
Not Detected Flag: U 3

CAS#	Compound	MDL ppmv	MDL %	RL ppmv	RL %	Sample Concentration ppmv	%	%*	Flag
133-74-0	Hydrogen	200	0.020	600	0.060	0	0.000	0.000	U
.7782-44-7	Oxygen	20	0.002	60	0.006	178,767	17.877	17.569	
7727-37-9	Nitrogen	50	0.005	150	0.015	778,422	77.842	76.503	
74-82-8	Methane	10	0.001	30	0.003	0	0.000	0.000	U
630-08-0	Carbon Monoxide	10	0.001	30	0.003	0	0.000	0.000	U
124-38-9	Carbon Dioxide	10	0.001	30	0.003	60,318	6.032	5.928	
					Total:		101.751	100.000	

Notes: 1) U and ND are Flags used for Not Detected
2) %* Indicates sample concentration is normalized to 100% (only available for complete analysis)
3) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)
4) Argon co-elutes with Oxygen; Atmospheric Argon is 0.946%

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: 207221
Laboratory Number: 12

File: 0722112B.D
Description: P9 (5122)
Can/Tube#: 705
Sam_Type: SA
QC_Batch: 050207-MS3
Air Volume: 145 ml

Date Sampled: 04/19/07 **Time:** 10:15
Date Received: 04/20/07
Date Extracted:
Date Analyzed: 05/02/07 **Time:** 16:26
Can Dilution Factor: 1.33 2
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-71-8	Dichlorodifluoromethane	0.47	4.68	0.47	2.39	23.90	2.39	U
74-87-3	Chloromethane	0.47	4.68	0.47	1.00	9.98	1.00	U
76-14-2	Freon 114	0.47	4.68	0.47	3.38	33.78	3.38	U
75-01-4	Vinyl chloride	0.47	4.68	0.47	1.23	12.35	1.23	U
74-83-9	Bromomethane	0.47	4.68	0.47	1.87	18.75	1.87	U
75-00-3	Chloroethane	0.47	4.68	0.47	1.27	12.74	1.27	U
75-69-4	Trichlorofluoromethane	0.47	4.68	0.47	2.71	27.06	2.71	U
67-64-1	Acetone	0.41	4.13	2.32	1.01	10.12	5.70	J
4227-95-6	Methyl iodide	0.86	8.62	0.86	5.18	52.04	5.18	U
75-35-4	1,1-Dichloroethene	0.47	4.77	0.47	1.93	19.52	1.93	U
107-13-1	Acrylonitrile	0.98	9.77	0.98	2.19	21.89	2.19	U
76-13-1	Freon 113	0.47	4.72	0.47	3.73	37.30	3.73	U
107-05-1	Allyl chloride	0.42	4.22	0.42	1.36	13.64	1.36	U
75-09-2	Dichloromethane	0.48	4.77	0.48	1.71	17.10	1.71	U
75-15-0	Carbon disulfide	0.41	4.13	0.41	1.31	13.27	1.31	U
156-60-5	trans-1,2-Dichloroethene	0.40	4.04	0.40	1.63	16.52	1.63	U
1634-04-4	Methyl tert butyl ether	0.36	3.58	0.36	1.33	13.32	1.33	U
107-12-0	Propionitrile	0.95	9.54	0.95	2.22	22.19	2.22	U
75-34-3	1,1-Dichloroethane	0.47	4.72	0.47	1.97	19.75	1.97	U
108-05-4	Vinyl acetate	0.39	3.94	0.39	1.43	14.34	1.43	U
78-93-3	2-Butanone	0.39	3.94	0.39	1.20	12.01	1.20	U
78-83-1	Isobutyl alcohol	1.03	10.32	1.03	3.84	38.41	3.84	U
126-98-7	Methacrylonitrile	1.27	12.75	1.27	3.61	36.12	3.61	U
156-59-2	cis-1,2-Dichloroethene	0.47	4.72	0.47	1.93	19.33	1.93	U
594-20-7	2,2-Dichloropropane	0.48	4.86	0.48	2.30	23.20	2.30	U
67-66-3	Chloroform	0.47	4.72	0.47	2.37	23.74	2.37	U
71-55-6	1,1,1-Trichloroethane	0.47	4.72	0.47	2.65	26.53	2.65	U
107-06-2	1,2-Dichloroethane	0.47	4.72	0.47	1.97	19.75	1.97	U
563-58-6	1,1-Dichloropropene	0.45	4.49	0.45	2.11	21.06	2.11	U
71-43-2	Benzene	0.47	4.72	0.47	1.56	15.58	1.56	U
56-23-5	Carbon tetrachloride	0.47	4.77	0.47	3.07	31.02	3.07	U
142-82-5	n-Heptane	0.38	3.81	0.50	1.61	16.11	2.12	J
78-87-5	1,2-Dichloropropane	0.47	4.72	0.47	2.25	22.54	2.25	U
74-95-3	Dibromomethane	0.50	5.04	0.50	4.44	44.37	4.44	U
79-01-6	Trichloroethene	0.47	4.72	0.47	2.61	26.13	2.61	U
75-27-4	Bromodichloromethane	0.37	3.67	0.37	2.54	25.38	2.54	U
80-62-6	Methyl methacrylate	0.97	9.72	0.97	4.09	41.11	4.09	U
108-10-1	Methyl Isobutyl Ketone	0.42	4.17	0.42	1.77	17.65	1.77	U
10061-01-5	cis-1,3-Dichloropropene	0.47	4.72	0.47	2.21	22.14	2.21	U
108-88-3	Toluene	0.47	4.72	0.59	1.84	18.37	2.29	J

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.47	4.72	0.47	2.21	22.14	2.21	U
79-00-5	1,1,2-Trichloroethane	0.47	4.68	0.47	2.63	26.27	2.63	U
591-78-6	2-Hexanone	0.40	4.04	0.40	1.71	17.07	1.71	U
142-28-9	1,3-Dichloropropane	0.50	4.95	0.50	2.36	23.63	2.36	U
111-65-9	Octane	0.49	4.72	1.22	2.35	22.79	5.87	J
124-48-1	Dibromochloromethane	0.40	4.04	0.40	3.55	35.50	3.55	U
106-93-4	1,2-Dibromoethane	0.47	4.72	0.47	3.75	37.50	3.75	U
127-18-4	Tetrachloroethene	0.47	4.72	0.47	3.31	33.11	3.31	U
108-90-7	Chlorobenzene	0.48	4.77	0.48	2.28	22.76	2.28	U
630-20-6	1,1,1,2-Tetrachloroethane	0.46	4.68	0.46	3.28	33.16	3.28	U
100-41-4	Ethylbenzene	0.47	4.72	0.47	2.11	21.15	2.11	U
108-38-3	m & p-Xylene	0.94	9.45	0.94	4.23	42.29	4.23	U
100-42-5	Styrene	0.47	4.72	0.47	2.07	20.75	2.07	U
75-25-2	Bromoform	0.43	4.27	0.43	4.55	45.52	4.55	U
95-47-6	o-Xylene	0.47	4.72	0.47	2.11	21.15	2.11	U
79-34-5	1,1,2,2-Tetrachloroethane	0.47	4.72	0.47	3.35	33.51	3.35	U
96-18-4	1,2,3-Trichloropropane	0.50	5.00	0.50	3.11	31.12	3.11	U
110-57-6	t-1,4-Dichloro-2-butene	1.07	10.73	1.07	5.66	56.65	5.66	U
622-96-8	4-Ethyltoluene	0.42	4.17	0.42	2.11	21.15	2.11	U
108-67-8	1,3,5-Trimethylbenzene	0.48	4.77	0.48	2.42	24.17	2.42	U
98-83-9	Methylstyrene	0.52	10.36	0.52	2.59	51.73	2.59	U
95-63-6	1,2,4-Trimethylbenzene	0.47	4.72	0.47	2.39	23.94	2.39	U
541-73-1	1,3-Dichlorobenzene	0.47	4.72	0.47	2.93	29.32	2.93	U
100-44-7	Benzyl chloride	0.41	4.13	0.41	2.21	22.14	2.21	U
106-46-7	1,4-Dichlorobenzene	0.47	4.72	0.47	2.93	29.32	2.93	U
95-50-1	1,2-Dichlorobenzene	0.47	4.72	0.47	2.93	29.32	2.93	U
96-12-8	1,2-Dibromo-3-chloropropane	1.01	10.09	1.01	10.07	100.71	10.07	U
120-82-1	1,2,4-Trichlorobenzene	0.47	4.72	0.47	3.61	36.11	3.61	U
91-20-3	Napthalene	1.00	10.04	1.00	5.44	54.36	5.44	U
87-68-3	Hexachlorobutadiene	0.47	4.72	0.47	5.21	52.07	5.21	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	8.286	83	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

ASTM D 1946 GC/TCD
Analytical Method: ASTM D 1946

SDG: LABQC
Laboratory Number: B04257

File: B04257B.D
Description: METHOD BLANK
Can/Tube#:
Sam_Type: MB
QC_Batch: 042507-GC5
Air Volume: 0.5 ml

Date Sampled: **Time:**
Date Received:
Date Extracted:
Date Analyzed: 04/25/07 **Time:** 10:24
Can Dilution Factor: 1.00 0
Not Detected Flag: U 3

CAS#	Compound	MDL ppmv	MDL %	RL ppmv	RL %	Sample Concentration ppmv	Sample Concentration %	Flag
133-74-0	Hydrogen	200	0.020	600	0.060	0	0.000	U
7782-44-7	Oxygen	20	0.002	60	0.006	4,236	0.424	
7727-37-9	Nitrogen	50	0.005	150	0.015	17,000	1.700	
74-82-8	Methane	10	0.001	30	0.003	0	0.000	U
630-08-0	Carbon Monoxide	10	0.001	30	0.003	0	0.000	U
124-38-9	Carbon Dioxide	10	0.001	30	0.003	0	0.000	U
					Total:		2.124	

Notes: 1) U and ND are Flags used for Not Detected
2) %* Indicates sample concentration is normalized to 100% (only available for complete analysis)
3) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)
4) Argon co-elutes with Oxygen; Atmospheric Argon is 0.946%

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC
Laboratory Number: B04277

File: B04277A.D
Description: METHOD BLANK
Can/Tube#:
Sam_Type: MB
QC_Batch: 042707-MS1
Air Volume: 500 ml

Date Sampled: **Time:**
Date Received:
Date Extracted:
Date Analyzed: 04/27/07 **Time:** 11:03
Can Dilution Factor: 1.00 2
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-71-8	Dichlorodifluoromethane	0.10	1.02	0.10	0.52	5.21	0.52	U
74-87-3	Chloromethane	0.10	1.02	0.10	0.22	2.18	0.22	U
76-14-2	Freon 114	0.10	1.02	0.10	0.74	7.37	0.74	U
75-01-4	Vinyl chloride	0.10	1.02	0.10	0.27	2.69	0.27	U
74-83-9	Bromomethane	0.10	1.02	0.10	0.41	4.09	0.41	U
75-00-3	Chloroethane	0.10	1.02	0.10	0.28	2.78	0.28	U
75-69-4	Trichlorofluoromethane	0.10	1.02	0.10	0.59	5.90	0.59	U
67-64-1	Acetone	0.09	0.90	0.09	0.22	2.21	0.22	U
4227-95-6	Methyl iodide	0.19	1.88	0.19	1.13	11.35	1.13	U
75-35-4	1,1-Dichloroethene	0.10	1.04	0.10	0.42	4.26	0.42	U
107-13-1	Acrylonitrile	0.21	2.14	0.22	0.48	4.80	0.50	J
76-13-1	Freon 113	0.10	1.03	0.10	0.81	8.13	0.81	U
107-05-1	Allyl chloride	0.09	0.92	0.09	0.30	2.97	0.30	U
75-09-2	Dichloromethane	0.10	1.04	0.10	0.37	3.73	0.37	U
75-15-0	Carbon disulfide	0.09	0.90	0.09	0.29	2.89	0.29	U
156-60-5	trans-1,2-Dichloroethene	0.09	0.88	0.09	0.36	3.60	0.36	U
1634-04-4	Methyl tert butyl ether	0.08	0.78	0.08	0.29	2.90	0.29	U
107-12-0	Propionitrile	0.21	2.08	0.21	0.48	4.84	0.48	U
75-34-3	1,1-Dichloroethane	0.10	1.03	0.10	0.43	4.31	0.43	U
108-05-4	Vinyl acetate	0.09	0.86	0.09	0.31	3.13	0.31	U
78-93-3	2-Butanone	0.09	0.86	0.09	0.26	2.62	0.26	U
78-83-1	Isobutyl alcohol	0.23	2.26	0.23	0.84	8.41	0.84	U
126-98-7	Methacrylonitrile	0.28	2.78	0.28	0.79	7.88	0.79	U
156-59-2	cis-1,2-Dichloroethene	0.10	1.03	0.10	0.42	4.21	0.42	U
594-20-7	2,2-Dichloropropane	0.11	1.06	0.11	0.50	5.06	0.50	U
67-66-3	Chloroform	0.10	1.03	0.10	0.52	5.18	0.52	U
71-55-6	1,1,1-Trichloroethane	0.10	1.03	0.10	0.58	5.79	0.58	U
107-06-2	1,2-Dichloroethane	0.10	1.03	0.12	0.43	4.31	0.50	J
563-58-6	1,1-Dichloropropene	0.10	0.98	0.10	0.46	4.59	0.46	U
71-43-2	Benzene	0.10	1.03	0.10	0.34	3.40	0.34	J
56-23-5	Carbon tetrachloride	0.10	1.04	0.10	0.67	6.76	0.67	U
142-82-5	n-Heptane	0.08	0.84	0.08	0.35	3.55	0.35	U
78-87-5	1,2-Dichloropropane	0.10	1.03	0.10	0.49	4.92	0.49	U
74-95-3	Dibromomethane	0.11	1.10	0.11	0.97	9.68	0.97	U
79-01-6	Trichloroethene	0.10	1.03	0.16	0.57	5.70	0.90	J
75-27-4	Bromodichloromethane	0.08	0.80	0.08	0.55	5.53	0.55	U
80-62-6	Methyl methacrylate	0.21	2.12	0.21	0.89	8.96	0.89	U
108-10-1	Methyl isobutyl Ketone	0.09	0.92	0.09	0.38	3.89	0.38	U
10061-01-5	cis-1,3-Dichloropropene	0.10	1.03	0.10	0.48	4.83	0.48	U
108-88-3	Toluene	0.10	1.03	0.13	0.40	4.01	0.51	J

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.10	1.03	0.10	0.48	4.83	0.48	U
79-00-5	1,1,2-Trichloroethane	0.10	1.02	0.14	0.57	5.73	0.79	J
591-78-6	2-Hexanone	0.09	0.88	0.09	0.37	3.72	0.37	U
142-28-9	1,3-Dichloropropane	0.11	1.08	0.11	0.52	5.15	0.52	U
111-65-9	Octane	0.11	1.03	0.11	0.51	4.97	0.51	U
124-48-1	Dibromochloromethane	0.09	0.88	0.09	0.77	7.74	0.77	U
106-93-4	1,2-Dibromoethane	0.10	1.03	0.15	0.82	8.18	1.21	J
127-18-4	Tetrachloroethene	0.10	2.06	0.16	0.72	14.44	1.16	J
108-90-7	Chlorobenzene	0.10	1.04	0.19	0.50	4.96	0.89	J
630-20-6	1,1,1,2-Tetrachloroethane	0.10	1.02	0.10	0.72	7.23	0.72	U
100-41-4	Ethylbenzene	0.10	1.04	0.12	0.46	4.66	0.55	J
108-38-3	m & p-Xylene	0.21	2.06	0.29	0.92	9.22	1.30	J
100-42-5	Styrene	0.10	1.03	0.13	0.45	4.52	0.59	J
75-25-2	Bromoform	0.09	0.93	0.09	0.99	9.93	0.99	U
95-47-6	o-Xylene	0.10	1.03	0.14	0.46	4.61	0.62	J
79-34-5	1,1,2,2-Tetrachloroethane	0.10	1.03	0.17	0.73	7.31	1.23	J
96-18-4	1,2,3-Trichloropropane	0.11	1.09	0.11	0.68	6.79	0.68	U
110-57-6	t-1,4-Dichloro-2-butene	0.23	2.34	0.23	1.24	12.35	1.24	U
622-96-8	4-Ethyltoluene	0.09	0.91	0.09	0.46	4.61	0.46	U
108-67-8	1,3,5-Trimethylbenzene	0.10	1.04	0.10	0.53	5.27	0.53	U
98-83-9	Methylstyrene	0.11	1.13	0.11	0.56	5.64	0.56	U
95-63-6	1,2,4-Trimethylbenzene	0.10	1.03	0.10	0.52	5.22	0.52	U
541-73-1	1,3-Dichlorobenzene	0.10	2.06	0.22	0.64	12.79	1.35	J
100-44-7	Benzyl chloride	0.09	0.90	0.09	0.48	4.83	0.48	U
106-46-7	1,4-Dichlorobenzene	0.10	2.06	0.23	0.64	12.79	1.42	J
95-50-1	1,2-Dichlorobenzene	0.10	2.06	0.21	0.64	12.79	1.31	J
96-12-8	1,2-Dibromo-3-chloropropane	0.22	4.40	0.22	2.20	43.92	2.20	U
120-82-1	1,2,4-Trichlorobenzene	0.10	1.03	0.10	0.79	7.87	0.79	U
91-20-3	Napthalene	1.10	21.90	1.10	5.93	118.54	5.93	U
87-68-3	Hexachlorobutadiene	0.10	1.03	0.13	1.14	11.35	1.42	J

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	9.758	98	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC
Laboratory Number: B04307

File: CC736A.D
Description: METHOD BLANK
Can/Tube#:
Sam_Type: MB
QC_Batch: 043007-MS1
Air Volume: 345 ml

Date Sampled: **Time:**
Date Received:
Date Extracted:
Date Analyzed: 04/30/07 **Time:** 11:06
Can Dilution Factor: 1.00 2
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-71-8	Dichlorodifluoromethane	0.15	1.48	0.15	0.76	7.55	0.76	U
74-87-3	Chloromethane	0.15	1.48	0.15	0.32	3.15	0.32	U
76-14-2	Freon 114	0.15	1.48	0.15	1.07	10.67	1.07	U
75-01-4	Vinyl chloride	0.15	1.48	0.15	0.39	3.90	0.39	U
74-83-9	Bromomethane	0.15	1.48	0.15	0.59	5.92	0.59	U
75-00-3	Chloroethane	0.15	1.48	0.15	0.40	4.03	0.40	U
75-69-4	Trichlorofluoromethane	0.15	1.48	0.15	0.86	8.55	0.86	U
67-64-1	Acetone	0.13	1.30	0.35	0.32	3.20	0.87	J
4227-95-6	Methyl iodide	0.27	2.72	0.27	1.64	16.45	1.64	U
75-35-4	1,1-Dichloroethene	0.15	1.51	0.15	0.61	6.17	0.61	U
107-13-1	Acrylonitrile	0.31	3.10	0.58	0.69	6.95	1.31	J
76-13-1	Freon 113	0.15	1.49	0.15	1.18	11.79	1.18	U
107-05-1	Allyl chloride	0.13	1.33	0.13	0.43	4.31	0.43	U
75-09-2	Dichloromethane	0.15	1.51	0.15	0.54	5.40	0.54	U
75-15-0	Carbon disulfide	0.13	1.30	0.13	0.41	4.19	0.41	U
156-60-5	trans-1,2-Dichloroethene	0.13	1.28	0.13	0.52	5.22	0.52	U
1634-04-4	Methyl tert butyl ether	0.11	1.13	0.11	0.42	4.21	0.42	U
107-12-0	Propionitrile	0.30	3.01	0.30	0.70	7.01	0.70	U
75-34-3	1,1-Dichloroethane	0.15	1.49	0.15	0.62	6.24	0.62	U
108-05-4	Vinyl acetate	0.12	1.25	0.12	0.45	4.53	0.45	U
78-93-3	2-Butanone	0.12	1.25	0.12	0.38	3.80	0.38	U
78-83-1	Isobutyl alcohol	0.33	3.28	0.33	1.21	12.19	1.21	U
126-98-7	Methacrylonitrile	0.40	4.03	0.40	1.14	11.41	1.14	U
156-59-2	cis-1,2-Dichloroethene	0.15	1.49	0.15	0.61	6.11	0.61	U
594-20-7	2,2-Dichloropropane	0.15	1.54	0.15	0.73	7.33	0.73	U
67-66-3	Chloroform	0.15	1.49	0.15	0.75	7.50	0.75	U
71-55-6	1,1,1-Trichloroethane	0.15	1.49	0.15	0.84	8.38	0.84	U
107-06-2	1,2-Dichloroethane	0.15	1.49	0.15	0.62	6.24	0.62	U
563-58-6	1,1-Dichloropropene	0.14	1.42	0.14	0.67	6.66	0.67	U
71-43-2	Benzene	0.15	1.49	0.15	0.49	4.92	0.49	U
56-23-5	Carbon tetrachloride	0.15	1.51	0.15	0.97	9.80	0.97	U
142-82-5	n-Heptane	0.12	1.22	0.12	0.51	5.15	0.51	U
78-87-5	1,2-Dichloropropane	0.15	1.49	0.15	0.71	7.12	0.71	U
74-95-3	Dibromomethane	0.16	1.59	0.16	1.40	14.02	1.40	U
79-01-6	Trichloroethene	0.15	1.49	0.15	0.83	8.26	0.83	U
75-27-4	Bromodichloromethane	0.12	1.16	0.12	0.80	8.02	0.80	U
80-62-6	Methyl methacrylate	0.31	3.07	0.31	1.29	12.99	1.29	U
108-10-1	Methyl Isobutyl Ketone	0.13	1.33	0.13	0.56	5.64	0.56	U
10061-01-5	cis-1,3-Dichloropropene	0.15	1.49	0.15	0.70	7.00	0.70	U
108-88-3	Toluene	0.15	1.49	0.16	0.58	5.81	0.62	J

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.15	1.49	0.15	0.70	7.00	0.70	U
79-00-5	1,1,2-Trichloroethane	0.15	1.48	0.15	0.83	8.30	0.83	U
591-78-6	2-Hexanone	0.13	1.28	0.13	0.54	5.39	0.54	U
142-28-9	1,3-Dichloropropane	0.16	1.57	0.16	0.75	7.47	0.75	U
111-65-9	Octane	0.15	1.49	0.15	0.74	7.20	0.74	U
124-48-1	Dibromochloromethane	0.13	1.28	0.13	1.12	11.22	1.12	U
106-93-4	1,2-Dibromoethane	0.15	1.49	0.19	1.19	11.85	1.52	J
127-18-4	Tetrachloroethene	0.15	2.99	0.15	1.05	20.93	1.05	U
108-90-7	Chlorobenzene	0.15	1.51	0.19	0.72	7.19	0.92	J
630-20-6	1,1,1,2-Tetrachloroethane	0.15	1.48	0.15	1.04	10.48	1.04	U
100-41-4	Ethylbenzene	0.15	1.51	0.15	0.67	6.75	0.67	U
108-38-3	m & p-Xylene	0.30	2.99	0.30	1.34	13.36	1.34	U
100-42-5	Styrene	0.15	1.49	0.23	0.66	6.56	0.99	J
75-25-2	Bromoform	0.13	1.35	0.13	1.44	14.39	1.44	U
95-47-6	o-Xylene	0.15	1.49	0.15	0.67	6.68	0.67	U
79-34-5	1,1,2,2-Tetrachloroethane	0.15	1.49	0.41	1.06	10.59	2.89	J
96-18-4	1,2,3-Trichloropropane	0.16	1.58	0.16	0.98	9.84	0.98	U
110-57-6	t-1,4-Dichloro-2-butene	0.34	3.39	0.78	1.79	17.90	4.13	J
622-96-8	4-Ethyltoluene	0.13	1.32	0.13	0.67	6.68	0.67	U
108-67-8	1,3,5-Trimethylbenzene	0.15	1.51	0.15	0.76	7.64	0.76	U
98-83-9	Methylstyrene	0.16	1.64	0.16	0.82	8.17	0.82	U
95-63-6	1,2,4-Trimethylbenzene	0.15	1.49	0.21	0.76	7.56	1.07	J
541-73-1	1,3-Dichlorobenzene	0.15	2.99	0.63	0.93	18.53	3.89	J
100-44-7	Benzyl chloride	0.13	1.30	0.13	0.70	7.00	0.70	U
106-46-7	1,4-Dichlorobenzene	0.15	2.99	0.67	0.93	18.53	4.14	J
95-50-1	1,2-Dichlorobenzene	0.15	2.99	0.66	0.93	18.53	4.13	J
96-12-8	1,2-Dibromo-3-chloropropane	0.32	6.38	0.82	3.18	63.65	8.22	J
120-82-1	1,2,4-Trichlorobenzene	0.15	1.49	0.36	1.14	11.41	2.75	J
91-20-3	Napthalene	1.59	31.74	1.59	8.59	171.79	8.59	U
87-68-3	Hexachlorobutadiene	0.15	1.49	0.31	1.65	16.45	3.37	J

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.128	101	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC
Laboratory Number: B05017

File: B05017A.D
Description: METHOD BLANK
Can/Tube#:
Sam_Type: MB
QC_Batch: 050107-MS1
Air Volume: 165 ml

Date Sampled: **Time:**
Date Received:
Date Extracted:
Date Analyzed: 05/01/07 **Time:** 12:39
Can Dilution Factor: 1.00 2
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-71-8	Dichlorodifluoromethane	0.31	3.09	0.31	1.58	15.79	1.58	U
74-87-3	Chloromethane	0.31	3.09	0.31	0.66	6.59	0.66	U
76-14-2	Freon 114	0.31	3.09	0.31	2.23	22.32	2.23	U
75-01-4	Vinyl chloride	0.31	3.09	0.31	0.82	8.16	0.82	U
74-83-9	Bromomethane	0.31	3.09	0.31	1.24	12.39	1.24	U
75-00-3	Chloroethane	0.31	3.09	0.31	0.84	8.42	0.84	U
75-69-4	Trichlorofluoromethane	0.31	3.09	0.31	1.79	17.88	1.79	U
67-64-1	Acetone	0.27	2.73	0.27	0.67	6.69	0.67	U
4227-95-6	Methyl iodide	0.57	5.70	0.57	3.42	34.39	3.42	U
75-35-4	1,1-Dichloroethene	0.31	3.15	0.31	1.28	12.90	1.28	U
107-13-1	Acrylonitrile	0.65	6.48	0.65	1.45	14.53	1.45	U
76-13-1	Freon 113	0.31	3.12	0.31	2.46	24.65	2.46	U
107-05-1	Allyl chloride	0.28	2.79	0.28	0.90	9.01	0.90	U
75-09-2	Dichloromethane	0.32	3.15	0.32	1.13	11.30	1.13	U
75-15-0	Carbon disulfide	0.27	2.73	0.27	0.87	8.77	0.87	U
156-60-5	trans-1,2-Dichloroethene	0.26	2.67	0.26	1.08	10.92	1.08	U
1634-04-4	Methyl tert butyl ether	0.24	2.36	0.24	0.88	8.80	0.88	U
107-12-0	Propionitrile	0.63	6.30	0.63	1.47	14.66	1.47	U
75-34-3	1,1-Dichloroethane	0.31	3.12	0.31	1.30	13.05	1.30	U
108-05-4	Vinyl acetate	0.26	2.61	0.26	0.95	9.47	0.95	U
78-93-3	2-Butanone	0.26	2.61	0.26	0.79	7.94	0.79	U
78-83-1	Isobutyl alcohol	0.68	6.85	0.68	2.54	25.49	2.54	U
126-98-7	Methacrylonitrile	0.84	8.42	0.84	2.39	23.87	2.39	U
156-59-2	cis-1,2-Dichloroethene	0.31	3.12	0.31	1.28	12.77	1.28	U
594-20-7	2,2-Dichloropropane	0.32	3.21	0.32	1.52	15.33	1.52	U
67-66-3	Chloroform	0.31	3.12	0.31	1.57	15.69	1.57	U
71-55-6	1,1,1-Trichloroethane	0.31	3.12	0.31	1.75	17.53	1.75	U
107-06-2	1,2-Dichloroethane	0.31	3.12	0.31	1.30	13.05	1.30	U
563-58-6	1,1-Dichloropropene	0.30	2.97	0.30	1.39	13.92	1.39	U
71-43-2	Benzene	0.31	3.12	0.31	1.03	10.29	1.03	U
56-23-5	Carbon tetrachloride	0.31	3.15	0.31	2.03	20.50	2.03	U
142-82-5	n-Heptane	0.25	2.55	0.25	1.06	10.77	1.06	U
78-87-5	1,2-Dichloropropane	0.31	3.12	0.31	1.49	14.89	1.49	U
74-95-3	Dibromomethane	0.33	3.33	0.33	2.93	29.32	2.93	U
79-01-6	Trichloroethene	0.31	3.12	0.31	1.73	17.27	1.73	U
75-27-4	Bromodichloromethane	0.24	2.42	0.24	1.68	16.77	1.68	U
80-62-6	Methyl methacrylate	0.64	6.42	0.64	2.70	27.16	2.70	U
108-10-1	Methyl Isobutyl Ketone	0.28	2.79	0.28	1.17	11.79	1.17	U
10061-01-5	cis-1,3-Dichloropropene	0.31	3.12	0.31	1.46	14.63	1.46	U
108-88-3	Toluene	0.31	3.12	0.31	1.21	12.14	1.21	U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.31	3.12	0.31	1.46	14.63	1.46	U
79-00-5	1,1,2-Trichloroethane	0.31	3.09	0.31	1.74	17.36	1.74	U
591-78-6	2-Hexanone	0.27	2.67	0.27	1.13	11.28	1.13	U
142-28-9	1,3-Dichloropropane	0.33	3.27	0.33	1.56	15.62	1.56	U
111-65-9	Octane	0.32	3.12	0.32	1.55	15.06	1.55	U
124-48-1	Dibromochloromethane	0.27	2.67	0.27	2.35	23.46	2.35	U
106-93-4	1,2-Dibromoethane	0.31	3.12	0.31	2.48	24.78	2.48	U
127-18-4	Tetrachloroethene	0.31	6.24	0.31	2.19	43.76	2.19	U
108-90-7	Chlorobenzene	0.32	3.15	0.32	1.50	15.04	1.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.31	3.09	0.31	2.17	21.91	2.17	U
100-41-4	Ethylbenzene	0.31	3.15	0.31	1.40	14.11	1.40	U
108-38-3	m & p-Xylene	0.62	6.24	0.62	2.79	27.94	2.79	U
100-42-5	Styrene	0.31	3.12	0.31	1.37	13.71	1.37	U
75-25-2	Bromoform	0.28	2.82	0.28	3.01	30.08	3.01	U
95-47-6	o-Xylene	0.31	3.12	0.31	1.40	13.97	1.40	U
79-34-5	1,1,2,2-Tetrachloroethane	0.31	3.12	0.31	2.21	22.14	2.21	U
96-18-4	1,2,3-Trichloropropane	0.33	3.30	0.33	2.06	20.56	2.06	U
110-57-6	t-1,4-Dichloro-2-butene	0.71	7.09	0.71	3.74	37.43	3.74	U
622-96-8	4-Ethyltoluene	0.28	2.76	0.28	1.40	13.97	1.40	U
108-67-8	1,3,5-Trimethylbenzene	0.32	3.15	0.32	1.60	15.97	1.60	U
98-83-9	Methylstyrene	0.34	3.42	0.34	1.71	17.09	1.71	U
95-63-6	1,2,4-Trimethylbenzene	0.31	3.12	0.31	1.58	15.82	1.58	U
541-73-1	1,3-Dichlorobenzene	0.31	6.24	0.31	1.94	38.75	1.94	U
100-44-7	Benzyl chloride	0.27	2.73	0.27	1.46	14.63	1.46	U
106-46-7	1,4-Dichlorobenzene	0.31	6.24	0.31	1.94	38.75	1.94	U
95-50-1	1,2-Dichlorobenzene	0.31	6.24	0.31	1.94	38.75	1.94	U
96-12-8	1,2-Dibromo-3-chloropropane	0.67	13.33	0.67	6.65	133.09	6.65	U
120-82-1	1,2,4-Trichlorobenzene	0.31	3.12	0.31	2.39	23.86	2.39	U
91-20-3	Napthalene	3.32	66.36	3.32	17.96	359.20	17.96	U
87-68-3	Hexachlorobutadiene	0.31	3.12	0.31	3.44	34.40	3.44	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.076	101	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC
Laboratory Number: B05027

File: B05027A.D
Description: METHOD BLANK
Can/Tube#:
Sam_Type: MB
QC_Batch: 050207-MS3
Air Volume: 200 ml

Date Sampled: **Time:**
Date Received:
Date Extracted:
Date Analyzed: 05/02/07 **Time:** 11:02
Can Dilution Factor: 1.00 2
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-71-8	Dichlorodifluoromethane	0.26	2.55	0.26	1.30	13.03	1.30	U
74-87-3	Chloromethane	0.26	2.55	0.26	0.54	5.44	0.54	U
76-14-2	Freon 114	0.26	2.55	0.26	1.84	18.41	1.84	U
75-01-4	Vinyl chloride	0.26	2.55	0.26	0.67	6.73	0.67	U
74-83-9	Bromomethane	0.26	2.55	0.26	1.02	10.22	1.02	U
75-00-3	Chloroethane	0.26	2.55	0.26	0.69	6.95	0.69	U
75-69-4	Trichlorofluoromethane	0.26	2.55	0.26	1.48	14.75	1.48	U
67-64-1	Acetone	0.23	2.25	0.23	0.55	5.52	0.55	U
4227-95-6	Methyl iodide	0.47	4.70	0.47	2.82	28.37	2.82	U
75-35-4	1,1-Dichloroethene	0.26	2.60	0.26	1.05	10.64	1.05	U
107-13-1	Acrylonitrile	0.53	5.33	0.53	1.19	11.93	1.19	U
76-13-1	Freon 113	0.26	2.58	0.26	2.03	20.33	2.03	U
107-05-1	Allyl chloride	0.23	2.30	0.23	0.74	7.43	0.74	U
75-09-2	Dichloromethane	0.26	2.60	0.26	0.93	9.32	0.93	U
75-15-0	Carbon disulfide	0.22	2.25	0.22	0.72	7.23	0.72	U
156-60-5	trans-1,2-Dichloroethene	0.22	2.20	0.22	0.89	9.01	0.89	U
1634-04-4	Methyl tert butyl ether	0.20	1.95	0.20	0.73	7.26	0.73	U
107-12-0	Propionitrile	0.52	5.20	0.52	1.21	12.10	1.21	U
75-34-3	1,1-Dichloroethane	0.26	2.58	0.26	1.08	10.77	1.08	U
108-05-4	Vinyl acetate	0.22	2.15	0.22	0.78	7.82	0.78	U
78-93-3	2-Butanone	0.22	2.15	0.22	0.65	6.55	0.65	U
78-83-1	Isobutyl alcohol	0.56	5.63	0.56	2.09	20.94	2.09	U
126-98-7	Methacrylonitrile	0.70	6.95	0.70	1.97	19.69	1.97	U
156-59-2	cis-1,2-Dichloroethene	0.26	2.58	0.26	1.05	10.54	1.05	U
594-20-7	2,2-Dichloropropane	0.26	2.65	0.26	1.25	12.64	1.25	U
67-66-3	Chloroform	0.26	2.58	0.26	1.29	12.94	1.29	U
71-55-6	1,1,1-Trichloroethane	0.26	2.58	0.26	1.45	14.46	1.45	U
107-06-2	1,2-Dichloroethane	0.26	2.58	0.26	1.08	10.77	1.08	U
563-58-6	1,1-Dichloropropene	0.25	2.45	0.25	1.15	11.48	1.15	U
71-43-2	Benzene	0.26	2.58	0.26	0.85	8.49	0.85	U
56-23-5	Carbon tetrachloride	0.26	2.60	0.26	1.67	16.91	1.67	U
142-82-5	n-Heptane	0.21	2.08	0.21	0.88	8.78	0.88	U
78-87-5	1,2-Dichloropropane	0.26	2.58	0.26	1.23	12.29	1.23	U
74-95-3	Dibromomethane	0.28	2.75	0.28	2.42	24.19	2.42	U
79-01-6	Trichloroethene	0.26	2.58	0.26	1.42	14.25	1.42	U
75-27-4	Bromodichloromethane	0.20	2.00	0.20	1.38	13.84	1.38	U
80-62-6	Methyl methacrylate	0.53	5.30	0.53	2.23	22.41	2.23	U
108-10-1	Methyl Isobutyl Ketone	0.23	2.28	0.23	0.96	9.62	0.96	U
10061-01-5	cis-1,3-Dichloropropene	0.26	2.58	0.26	1.21	12.07	1.21	U
108-88-3	Toluene	0.26	2.58	0.26	1.00	10.02	1.00	U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.26	2.58	0.26	1.21	12.07	1.21	U
79-00-5	1,1,2-Trichloroethane	0.26	2.55	0.26	1.43	14.32	1.43	U
591-78-6	2-Hexanone	0.22	2.20	0.22	0.93	9.31	0.93	U
142-28-9	1,3-Dichloropropane	0.27	2.70	0.27	1.29	12.88	1.29	U
111-65-9	Octane	0.27	2.58	0.27	1.28	12.42	1.28	U
124-48-1	Dibromochloromethane	0.22	2.20	0.22	1.94	19.35	1.94	U
106-93-4	1,2-Dibromoethane	0.26	2.58	0.26	2.04	20.44	2.04	U
127-18-4	Tetrachloroethene	0.26	2.58	0.26	1.81	18.05	1.81	U
108-90-7	Chlorobenzene	0.26	2.60	0.26	1.24	12.41	1.24	U
630-20-6	1,1,1,2-Tetrachloroethane	0.25	2.55	0.25	1.79	18.08	1.79	U
100-41-4	Ethylbenzene	0.26	2.58	0.26	1.15	11.53	1.15	U
108-38-3	m & p-Xylene	0.52	5.15	0.52	2.31	23.05	2.31	U
100-42-5	Styrene	0.26	2.58	0.26	1.13	11.31	1.13	U
75-25-2	Bromoform	0.23	2.33	0.23	2.48	24.82	2.48	U
95-47-6	o-Xylene	0.26	2.58	0.26	1.15	11.53	1.15	U
79-34-5	1,1,2,2-Tetrachloroethane	0.26	2.58	0.26	1.83	18.27	1.83	U
96-18-4	1,2,3-Trichloropropane	0.27	2.73	0.27	1.70	16.97	1.70	U
110-57-6	t-1,4-Dichloro-2-butene	0.59	5.85	0.59	3.09	30.88	3.09	U
622-96-8	4-Ethyltoluene	0.23	2.28	0.23	1.15	11.53	1.15	U
108-67-8	1,3,5-Trimethylbenzene	0.26	2.60	0.26	1.32	13.18	1.32	U
98-83-9	Methylstyrene	0.28	5.65	0.28	1.41	28.20	1.41	U
95-63-6	1,2,4-Trimethylbenzene	0.26	2.58	0.26	1.30	13.05	1.30	U
541-73-1	1,3-Dichlorobenzene	0.26	2.58	0.26	1.60	15.99	1.60	U
100-44-7	Benzyl chloride	0.23	2.25	0.23	1.21	12.07	1.21	U
106-46-7	1,4-Dichlorobenzene	0.26	2.58	0.26	1.60	15.99	1.60	U
95-50-1	1,2-Dichlorobenzene	0.26	2.58	0.26	1.60	15.99	1.60	U
96-12-8	1,2-Dibromo-3-chloropropane	0.55	5.50	0.55	5.49	54.90	5.49	U
120-82-1	1,2,4-Trichlorobenzene	0.26	2.58	0.26	1.97	19.68	1.97	U
91-20-3	Napthalene	0.55	5.48	0.55	2.96	29.63	2.96	U
87-68-3	Hexachlorobutadiene	0.26	2.58	0.26	2.84	28.38	2.84	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	12.127	121	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC
Laboratory Number: B05037

File: B05037A.D
Description: METHOD BLANK
Can/Tube#:
Sam_Type: MB
QC_Batch: 050307-MS3
Air Volume: 200 ml

Date Sampled: **Time:**
Date Received:
Date Extracted:
Date Analyzed: 05/03/07 **Time:** 10:38
Can Dilution Factor: 1.00 2
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-71-8	Dichlorodifluoromethane	0.26	2.55	0.33	1.30	13.03	1.71	J
74-87-3	Chloromethane	0.26	2.55	0.40	0.54	5.44	0.85	J
76-14-2	Freon 114	0.26	2.55	0.37	1.84	18.41	2.65	J
75-01-4	Vinyl chloride	0.26	2.55	0.27	0.67	6.73	0.71	J
74-83-9	Bromomethane	0.26	2.55	0.26	1.02	10.22	1.02	U
75-00-3	Chloroethane	0.26	2.55	0.26	0.69	6.95	0.69	U
75-69-4	Trichlorofluoromethane	0.26	2.55	0.37	1.48	14.75	2.16	J
67-64-1	Acetone	0.23	2.25	0.23	0.55	5.52	0.55	U
4227-95-6	Methyl iodide	0.47	4.70	0.47	2.82	28.37	2.82	U
75-35-4	1,1-Dichloroethene	0.26	2.60	0.34	1.05	10.64	1.38	J
107-13-1	Acrylonitrile	0.53	5.33	0.87	1.19	11.93	1.95	J
76-13-1	Freon 113	0.26	2.58	0.45	2.03	20.33	3.59	J
107-05-1	Allyl chloride	0.23	2.30	0.23	0.74	7.43	0.74	U
75-09-2	Dichloromethane	0.26	2.60	0.26	0.93	9.32	0.93	U
75-15-0	Carbon disulfide	0.22	2.25	0.22	0.72	7.23	0.72	U
156-60-5	trans-1,2-Dichloroethene	0.22	2.20	0.22	0.89	9.01	0.89	U
1634-04-4	Methyl tert butyl ether	0.20	1.95	0.20	0.73	7.26	0.73	U
107-12-0	Propionitrile	0.52	5.20	0.52	1.21	12.10	1.21	U
75-34-3	1,1-Dichloroethane	0.26	2.58	0.45	1.08	10.77	1.88	J
108-05-4	Vinyl acetate	0.22	2.15	0.22	0.78	7.82	0.78	U
78-93-3	2-Butanone	0.22	2.15	0.22	0.65	6.55	0.65	U
78-83-1	Isobutyl alcohol	0.56	5.63	0.56	2.09	20.94	2.09	U
126-98-7	Methacrylonitrile	0.70	6.95	0.70	1.97	19.69	1.97	U
156-59-2	cis-1,2-Dichloroethene	0.26	2.58	0.26	1.05	10.54	1.05	U
594-20-7	2,2-Dichloropropane	0.26	2.65	0.26	1.25	12.64	1.25	U
67-66-3	Chloroform	0.26	2.58	0.43	1.29	12.94	2.17	J
71-55-6	1,1,1-Trichloroethane	0.26	2.58	0.30	1.45	14.46	1.68	J
107-06-2	1,2-Dichloroethane	0.26	2.58	0.41	1.08	10.77	1.70	J
563-58-6	1,1-Dichloropropene	0.25	2.45	0.25	1.15	11.48	1.15	U
71-43-2	Benzene	0.26	2.58	0.52	0.85	8.49	1.70	J
56-23-5	Carbon tetrachloride	0.26	2.60	0.26	1.67	16.91	1.67	U
142-82-5	n-Heptane	0.21	2.08	0.21	0.88	8.78	0.88	U
78-87-5	1,2-Dichloropropane	0.26	2.58	0.41	1.23	12.29	1.97	J
74-95-3	Dibromomethane	0.28	2.75	0.28	2.42	24.19	2.42	U
79-01-6	Trichloroethene	0.26	2.58	0.41	1.42	14.25	2.25	J
75-27-4	Bromodichloromethane	0.20	2.00	0.20	1.38	13.84	1.38	U
80-62-6	Methyl methacrylate	0.53	5.30	0.53	2.23	22.41	2.23	U
108-10-1	Methyl Isobutyl Ketone	0.23	2.28	0.23	0.96	9.62	0.96	U
10061-01-5	cis-1,3-Dichloropropene	0.26	2.58	0.26	1.21	12.07	1.21	U
108-88-3	Toluene	0.26	2.58	0.60	1.00	10.02	2.32	J

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.26	2.58	0.26	1.21	12.07	1.21	U
79-00-5	1,1,2-Trichloroethane	0.26	2.55	0.26	1.43	14.32	1.48	J
591-78-6	2-Hexanone	0.22	2.20	0.22	0.93	9.31	0.93	U
142-28-9	1,3-Dichloropropane	0.27	2.70	0.27	1.29	12.88	1.29	U
111-65-9	Octane	0.27	2.58	0.27	1.28	12.42	1.28	U
124-48-1	Dibromochloromethane	0.22	2.20	0.22	1.94	19.35	1.94	U
106-93-4	1,2-Dibromoethane	0.26	2.58	0.36	2.04	20.44	2.86	J
127-18-4	Tetrachloroethene	0.26	2.58	0.42	1.81	18.05	2.95	J
108-90-7	Chlorobenzene	0.26	2.60	0.45	1.24	12.41	2.14	J
630-20-6	1,1,1,2-Tetrachloroethane	0.25	2.55	0.25	1.79	18.08	1.79	U
100-41-4	Ethylbenzene	0.26	2.58	0.37	1.15	11.53	1.65	J
108-38-3	m & p-Xylene	0.52	5.15	0.93	2.31	23.05	4.17	J
100-42-5	Styrene	0.26	2.58	0.31	1.13	11.31	1.37	J
75-25-2	Bromoform	0.23	2.33	0.23	2.48	24.82	2.48	U
95-47-6	o-Xylene	0.26	2.58	0.37	1.15	11.53	1.65	J
79-34-5	1,1,2,2-Tetrachloroethane	0.26	2.58	0.26	1.83	18.27	1.83	U
96-18-4	1,2,3-Trichloropropane	0.27	2.73	0.27	1.70	16.97	1.70	U
110-57-6	t-1,4-Dichloro-2-butene	0.59	5.85	0.59	3.09	30.88	3.09	U
622-96-8	4-Ethyltoluene	0.23	2.28	0.23	1.15	11.53	1.15	U
108-67-8	1,3,5-Trimethylbenzene	0.26	2.60	0.28	1.32	13.18	1.40	J
98-83-9	Methylstyrene	0.28	5.65	0.28	1.41	28.20	1.41	U
95-63-6	1,2,4-Trimethylbenzene	0.26	2.58	0.33	1.30	13.05	1.67	J
541-73-1	1,3-Dichlorobenzene	0.26	2.58	0.31	1.60	15.99	1.92	J
100-44-7	Benzyl chloride	0.23	2.25	0.23	1.21	12.07	1.21	U
106-46-7	1,4-Dichlorobenzene	0.26	2.58	0.34	1.60	15.99	2.10	J
95-50-1	1,2-Dichlorobenzene	0.26	2.58	0.28	1.60	15.99	1.75	J
96-12-8	1,2-Dibromo-3-chloropropane	0.55	5.50	0.55	5.49	54.90	5.49	U
120-82-1	1,2,4-Trichlorobenzene	0.26	2.58	0.26	1.97	19.68	1.97	U
91-20-3	Napthalene	0.55	5.48	0.55	2.96	29.63	2.96	U
87-68-3	Hexachlorobutadiene	0.26	2.58	0.26	2.84	28.38	2.84	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	11.214	112	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

METHOD BLANK REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC
Laboratory Number: B05047

File: B05047A.D
Description: METHOD BLANK
Can/Tube#:
Sam_Type: MB
QC_Batch: 050407-MS3
Air Volume: 100 ml

Date Sampled: **Time:**
Date Received:
Date Extracted:
Date Analyzed: 05/04/07 **Time:** 12:18
Can Dilution Factor: 1.00 2
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-71-8	Dichlorodifluoromethane	0.51	5.10	0.51	2.61	26.06	2.61	U
74-87-3	Chloromethane	0.51	5.10	0.51	1.09	10.88	1.09	U
76-14-2	Freon 114	0.51	5.10	0.51	3.68	36.83	3.68	U
75-01-4	Vinyl chloride	0.51	5.10	0.51	1.35	13.46	1.35	U
74-83-9	Bromomethane	0.51	5.10	0.51	2.04	20.44	2.04	U
75-00-3	Chloroethane	0.51	5.10	0.51	1.39	13.89	1.39	U
75-69-4	Trichlorofluoromethane	0.51	5.10	0.51	2.95	29.51	2.95	U
67-64-1	Acetone	0.45	4.50	0.45	1.10	11.04	1.10	U
4227-95-6	Methyl iodide	0.94	9.40	0.94	5.64	56.74	5.64	U
75-35-4	1,1-Dichloroethene	0.52	5.20	0.52	2.11	21.28	2.11	U
107-13-1	Acrylonitrile	1.07	10.65	1.07	2.39	23.86	2.39	U
76-13-1	Freon 113	0.52	5.15	0.52	4.07	40.67	4.07	U
107-05-1	Allyl chloride	0.46	4.60	0.46	1.49	14.87	1.49	U
75-09-2	Dichloromethane	0.52	5.20	0.52	1.86	18.64	1.86	U
75-15-0	Carbon disulfide	0.45	4.50	0.45	1.43	14.47	1.43	U
156-60-5	trans-1,2-Dichloroethene	0.44	4.40	0.44	1.78	18.01	1.78	U
1634-04-4	Methyl tert butyl ether	0.39	3.90	0.39	1.45	14.52	1.45	U
107-12-0	Propionitrile	1.04	10.40	1.04	2.42	24.19	2.42	U
75-34-3	1,1-Dichloroethane	0.52	5.15	0.52	2.15	21.53	2.15	U
108-05-4	Vinyl acetate	0.43	4.30	0.43	1.56	15.63	1.56	U
78-93-3	2-Butanone	0.43	4.30	0.43	1.31	13.09	1.31	U
78-83-1	Isobutyl alcohol	1.13	11.25	1.13	4.19	41.88	4.19	U
126-98-7	Methacrylonitrile	1.39	13.90	1.39	3.94	39.38	3.94	U
156-59-2	cis-1,2-Dichloroethene	0.52	5.15	0.52	2.11	21.07	2.11	U
594-20-7	2,2-Dichloropropane	0.53	5.30	0.53	2.51	25.29	2.51	U
67-66-3	Chloroform	0.52	5.15	0.52	2.59	25.88	2.59	U
71-55-6	1,1,1-Trichloroethane	0.52	5.15	0.52	2.89	28.93	2.89	U
107-06-2	1,2-Dichloroethane	0.52	5.15	0.52	2.15	21.53	2.15	U
563-58-6	1,1-Dichloropropene	0.49	4.90	0.49	2.30	22.96	2.30	U
71-43-2	Benzene	0.52	5.15	0.52	1.70	16.99	1.70	U
56-23-5	Carbon tetrachloride	0.52	5.20	0.52	3.35	33.82	3.35	U
142-82-5	n-Heptane	0.42	4.15	0.42	1.76	17.56	1.76	U
78-87-5	1,2-Dichloropropane	0.52	5.15	0.52	2.46	24.58	2.46	U
74-95-3	Dibromomethane	0.55	5.50	0.55	4.84	48.38	4.84	U
79-01-6	Trichloroethene	0.52	5.15	0.52	2.85	28.49	2.85	U
75-27-4	Bromodichloromethane	0.40	4.00	0.40	2.77	27.67	2.77	U
80-62-6	Methyl methacrylate	1.06	10.60	1.06	4.46	44.82	4.46	U
108-10-1	Methyl Isobutyl Ketone	0.46	4.55	0.46	1.92	19.25	1.92	U
10061-01-5	cis-1,3-Dichloropropene	0.52	5.15	0.52	2.41	24.14	2.41	U
108-88-3	Toluene	0.52	5.15	0.52	2.00	20.03	2.00	U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
10061-02-6	trans-1,3-Dichloropropene	0.52	5.15	0.52	2.41	24.14	2.41	U
79-00-5	1,1,2-Trichloroethane	0.51	5.10	0.51	2.86	28.64	2.86	U
591-78-6	2-Hexanone	0.44	4.40	0.44	1.86	18.61	1.86	U
142-28-9	1,3-Dichloropropane	0.54	5.40	0.54	2.58	25.77	2.58	U
111-65-9	Octane	0.53	5.15	0.53	2.56	24.84	2.56	U
124-48-1	Dibromochloromethane	0.44	4.40	0.44	3.87	38.70	3.87	U
106-93-4	1,2-Dibromoethane	0.52	5.15	0.52	4.09	40.89	4.09	U
127-18-4	Tetrachloroethene	0.52	5.15	0.52	3.61	36.10	3.61	U
108-90-7	Chlorobenzene	0.52	5.20	0.52	2.48	24.81	2.48	U
630-20-6	1,1,1,2-Tetrachloroethane	0.51	5.10	0.51	3.58	36.15	3.58	U
100-41-4	Ethylbenzene	0.52	5.15	0.52	2.31	23.05	2.31	U
108-38-3	m & p-Xylene	1.03	10.30	1.03	4.61	46.11	4.61	U
100-42-5	Styrene	0.52	5.15	0.52	2.26	22.62	2.26	U
75-25-2	Bromoform	0.47	4.65	0.47	4.96	49.63	4.96	U
95-47-6	o-Xylene	0.52	5.15	0.52	2.31	23.05	2.31	U
79-34-5	1,1,2,2-Tetrachloroethane	0.52	5.15	0.52	3.65	36.54	3.65	U
96-18-4	1,2,3-Trichloropropane	0.55	5.45	0.55	3.39	33.93	3.39	U
110-57-6	t-1,4-Dichloro-2-butene	1.17	11.70	1.17	6.18	61.76	6.18	U
622-96-8	4-Ethyltoluene	0.46	4.55	0.46	2.31	23.06	2.31	U
108-67-8	1,3,5-Trimethylbenzene	0.52	5.20	0.52	2.64	26.35	2.64	U
98-83-9	Methylstyrene	0.57	11.30	0.57	2.82	56.40	2.82	U
95-63-6	1,2,4-Trimethylbenzene	0.52	5.15	0.52	2.61	26.10	2.61	U
541-73-1	1,3-Dichlorobenzene	0.52	5.15	0.52	3.20	31.97	3.20	U
100-44-7	Benzyl chloride	0.45	4.50	0.45	2.41	24.13	2.41	U
106-46-7	1,4-Dichlorobenzene	0.52	5.15	0.52	3.20	31.97	3.20	U
95-50-1	1,2-Dichlorobenzene	0.52	5.15	0.52	3.20	31.97	3.20	U
96-12-8	1,2-Dibromo-3-chloropropane	1.10	11.00	1.10	10.98	109.80	10.98	U
120-82-1	1,2,4-Trichlorobenzene	0.52	5.15	0.52	3.94	39.36	3.94	U
91-20-3	Napthalene	1.10	10.95	1.10	5.93	59.27	5.93	U
87-68-3	Hexachlorobutadiene	0.52	5.15	0.52	5.68	56.76	5.68	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.515	105	70-130	

Notes: 1) Reported results are to be interpreted to two significant figures.
2) ug/m3 = ppbV*FW/23.68 calculated assuming conditions at 60 F and 1 atm.
3) MDL and RL are adjusted for sample volume and can dilution.
4) U and ND are Flags used for Not Detected
5) J is a flag for a result between the MDL and the RL (or lower quantitation limit, LQL)

QUALITY CONTROL DUPLICATE

ENVIRONMENTAL
Analytical Service, Inc.

Duplicate of QC Sample

ASTM D 1946 GC/TCD **SDG: LABQC**

Analytical Method: **ASTM D 1946**

Dup File: QC04257B.D
Description: ST60098
Can/Tube#:
QC_Batch: 042507-GC5

CAS#	Compound	LCD %	LCS %	RPD %D	Limit %	Flag * = Out
7782-44-7	Oxygen	6.140	6.145	0	30	
7727-37-9	Nitrogen	49.727	49.714	0	30	
74-82-8	Methane	1.972	1.959	1	30	
630-08-0	Carbon Monoxide	2.165	2.162	0	30	
124-38-9	Carbon Dioxide	2.047	2.097	2	30	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL SPIKE

ASTM D 1946 GC/TCD **SDG: LABQC**

Analytical Method: **ASTM D 1946**

File: QC04257A.D
Description: ST60098
Can/Tube#:
Sam_Type: LCS
QC_Batch: 042507-GC5
Air Volume: 0.5 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 04/25/07 **Time:** 9:17
Can Dilution Factor: 1.00 0
QC Duplicate: No 3

CAS#	Compound	MDL ppmv	Spike Conc %	Conc %	Matrix Amt %	Spk Amt %	Percent Recovery	LCL %	UCL %	Flag
7782-44-7	Oxygen	20	5.722	6.145	0.000	6.145	107	70	130	
7727-37-9	Nitrogen	50	34.887	49.714	0.000	49.714	143	70	130	*
74-82-8	Methane	10	2.103	1.959	0.000	1.959	93	70	130	
630-08-0	Carbon Monoxide	10	2.156	2.162	0.000	2.162	100	70	130	
124-38-9	Carbon Dioxide	10	2.032	2.097	0.000	2.097	103	70	130	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL DUPLICATE

ASTM D 1946 GC/TCD
Analytical Method: ASTM D 1946

SDG: LABQC

File: QC04257B.D
Description: ST60098
Can/Tube#:
Sam_Type: LCD
QC_Batch: 042507-GC5
Air Volume: 0.5 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 04/25/07 **Time:** 9:30
Can Dilution Factor: 1.00 0
QC Duplicate: Yes 3

CAS#	Compound	MDL ppmv	Spike Conc %	Conc %	Matrix Amt %	Spk Amt %	Percent Recovery	LCL %	UCL %	Flag
7782-44-7	Oxygen	20	5.722	6.140	0.000	6.140	107	70	130	
7727-37-9	Nitrogen	50	34.887	49.727	0.000	49.727	143	70	130	*
74-82-8	Methane	10	2.103	1.972	0.000	1.972	94	70	130	
630-08-0	Carbon Monoxide	10	2.156	2.165	0.000	2.165	100	70	130	
124-38-9	Carbon Dioxide	10	2.032	2.047	0.000	2.047	101	70	130	

QUALITY CONTROL DUPLICATE

ENVIRONMENTAL
Analytical Service, Inc.

Duplicate of QC Sample

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

Dup File: QC04277B.D
Description: ST60032
Can/Tube#:
QC_Batch: 042707-MS1

CAS#	Compound	LCD ppbv	LCS ppbv	RPD %D	Limit %	Flag * = Out
75-01-4	Vinyl chloride	1.21	1.15	6	30	
75-35-4	1,1-Dichloroethene	1.23	1.15	8	30	
75-09-2	Dichloromethane	1.18	1.14	4	30	
75-34-3	1,1-Dichloroethane	1.05	1.03	2	30	
67-66-3	Chloroform	1.13	1.16	3	30	
71-55-6	1,1,1-Trichloroethane	0.90	0.99	9	30	
107-06-2	1,2-Dichloroethane	1.14	1.14	0	30	
71-43-2	Benzene	1.13	1.14	1	30	
56-23-5	Carbon tetrachloride	1.17	1.32	15	30	
79-01-6	Trichloroethene	1.13	1.12	1	30	
108-88-3	Toluene	1.08	1.13	5	30	
106-93-4	1,2-Dibromoethane	0.88	0.94	6	30	
127-18-4	Tetrachloroethene	1.13	1.20	7	30	
108-90-7	Chlorobenzene	1.02	1.09	7	30	
100-41-4	Ethylbenzene	1.02	1.12	10	30	
108-38-3	m & p-Xylene	2.05	2.25	10	30	
95-47-6	o-Xylene	0.99	1.08	9	30	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL SPIKE

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

File: QC04277A.D
Description: ST60032
Can/Tube#:
Sam_Type: LCS
QC_Batch: 042707-MS1
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 04/27/07 **Time:** 9:33
Can Dilution Factor: 1.00 2
QC Duplicate: No

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.15	0.000	1.15	111	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.15	0.000	1.15	111	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.14	0.000	1.14	110	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	1.03	0.000	1.03	102	70	130	
67-66-3	Chloroform	0.10	1.02	1.16	0.000	1.16	114	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.99	0.000	0.99	97	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	1.14	0.000	1.14	111	70	130	
71-43-2	Benzene	0.10	1.03	1.14	0.000	1.14	111	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	1.32	0.000	1.32	129	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.12	0.000	1.12	109	70	130	
108-88-3	Toluene	0.10	1.03	1.13	0.000	1.13	110	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.94	0.000	0.94	90	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.20	0.000	1.20	118	70	130	
108-90-7	Chlorobenzene	0.10	1.02	1.09	0.000	1.09	107	70	130	
100-41-4	Ethylbenzene	0.10	1.04	1.12	0.000	1.12	108	70	130	
108-38-3	m & p-Xylene	0.21	2.06	2.25	0.000	2.25	109	70	130	
95-47-6	o-Xylene	0.10	1.02	1.08	0.000	1.08	106	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	9.967	100	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL DUPLICATE

EPA Method TO-15 Full Scan GC/MS **SDG: LABQC**
Analytical Method: TO-15

File: QC04277B.D
Description: ST60032
Can/Tube#:
Sam_Type: LCD
QC_Batch: 042707-MS1
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 04/27/07 **Time:** 10:17
Can Dilution Factor: 1.00 2
QC Duplicate: Yes

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.21	0.000	1.21	116	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.23	0.000	1.23	118	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.18	0.000	1.18	113	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	1.05	0.000	1.05	104	70	130	
67-66-3	Chloroform	0.10	1.02	1.13	0.000	1.13	111	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.90	0.000	0.90	88	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	1.14	0.000	1.14	111	70	130	
71-43-2	Benzene	0.10	1.03	1.13	0.000	1.13	110	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	1.17	0.000	1.17	115	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.13	0.000	1.13	110	70	130	
108-88-3	Toluene	0.10	1.03	1.08	0.000	1.08	105	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.88	0.000	0.88	85	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.13	0.000	1.13	111	70	130	
108-90-7	Chlorobenzene	0.10	1.02	1.02	0.000	1.02	100	70	130	
100-41-4	Ethylbenzene	0.10	1.04	1.02	0.000	1.02	98	70	130	
108-38-3	m & p-Xylene	0.21	2.06	2.05	0.000	2.05	100	70	130	
95-47-6	o-Xylene	0.10	1.02	0.99	0.000	0.99	97	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.072	101	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL DUPLICATE

ENVIRONMENTAL
Analytical Service, Inc.

Duplicate of QC Sample

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

Dup File: QC04307B.D
Description: ST60032
Can/Tube#:
QC_Batch: 043007-MS1

CAS#	Compound	LCD ppbv	LCS ppbv	RPD %D	Limit %	Flag * = Out
75-01-4	Vinyl chloride	1.10	1.15	5	30	
75-35-4	1,1-Dichloroethene	1.09	1.15	6	30	
75-09-2	Dichloromethane	1.05	1.09	4	30	
75-34-3	1,1-Dichloroethane	0.96	1.01	5	30	
67-66-3	Chloroform	1.02	1.13	11	30	
71-55-6	1,1,1-Trichloroethane	0.94	0.94	0	30	
107-06-2	1,2-Dichloroethane	1.08	1.12	4	30	
71-43-2	Benzene	1.11	1.10	1	30	
56-23-5	Carbon tetrachloride	1.09	1.12	3	30	
79-01-6	Trichloroethene	1.09	1.12	3	30	
108-88-3	Toluene	1.09	1.18	9	30	
106-93-4	1,2-Dibromoethane	0.89	0.97	8	30	
127-18-4	Tetrachloroethene	1.11	1.13	2	30	
108-90-7	Chlorobenzene	1.01	1.08	7	30	
100-41-4	Ethylbenzene	1.03	1.10	7	30	
108-38-3	m & p-Xylene	2.13	2.27	7	30	
95-47-6	o-Xylene	0.98	1.06	8	30	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL SPIKE

EPA Method TO-15 Full Scan GC/MS **SDG: LABQC**
Analytical Method: TO-15

File: QC04307A.D
Description: ST60032
Can/Tube#:
Sam_Type: LCS
QC_Batch: 043007-MS1
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 04/30/07 **Time:** 9:20
Can Dilution Factor: 1.00 2
QC Duplicate: No

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.15	0.000	1.15	111	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.15	0.000	1.15	111	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.09	0.000	1.09	105	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	1.01	0.000	1.01	100	70	130	
67-66-3	Chloroform	0.10	1.02	1.13	0.000	1.13	111	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.94	0.000	0.94	92	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	1.12	0.000	1.12	109	70	130	
71-43-2	Benzene	0.10	1.03	1.10	0.000	1.10	107	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	1.12	0.000	1.12	110	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.12	0.000	1.12	109	70	130	
108-88-3	Toluene	0.10	1.03	1.18	0.000	1.18	115	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.97	0.000	0.97	93	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.13	0.000	1.13	111	70	130	
108-90-7	Chlorobenzene	0.10	1.02	1.08	0.000	1.08	106	70	130	
100-41-4	Ethylbenzene	0.10	1.04	1.10	0.000	1.10	106	70	130	
108-38-3	m & p-Xylene	0.21	2.06	2.27	0.000	2.27	110	70	130	
95-47-6	o-Xylene	0.10	1.02	1.06	0.000	1.06	104	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.340	103	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL DUPLICATE

EPA Method TO-15 Full Scan GC/MS **SDG: LABQC**
Analytical Method: TO-15

File: QC04307B.D
Description: ST60032
Can/Tube#:
Sam_Type: LCD
QC_Batch: 043007-MS1
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 04/30/07 **Time:** 10:10
Can Dilution Factor: 1.00 2
QC Duplicate: Yes

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.10	0.000	1.10	106	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.09	0.000	1.09	105	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.05	0.000	1.05	101	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	0.96	0.000	0.96	95	70	130	
67-66-3	Chloroform	0.10	1.02	1.02	0.000	1.02	100	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.94	0.000	0.94	92	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	1.08	0.000	1.08	105	70	130	
71-43-2	Benzene	0.10	1.03	1.11	0.000	1.11	108	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	1.09	0.000	1.09	107	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.09	0.000	1.09	106	70	130	
108-88-3	Toluene	0.10	1.03	1.09	0.000	1.09	106	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.89	0.000	0.89	86	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.11	0.000	1.11	109	70	130	
108-90-7	Chlorobenzene	0.10	1.02	1.01	0.000	1.01	99	70	130	
100-41-4	Ethylbenzene	0.10	1.04	1.03	0.000	1.03	99	70	130	
108-38-3	m & p-Xylene	0.21	2.06	2.13	0.000	2.13	103	70	130	
95-47-6	o-Xylene	0.10	1.02	0.98	0.000	0.98	96	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.283	103	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL DUPLICATE

ENVIRONMENTAL
Analytical Service, Inc.

Duplicate of QC Sample

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

Dup File: QC05017B.D
Description: ST60032
Can/Tube#:
QC_Batch: 050107-MS1

CAS#	Compound	LCD ppbv	LCS ppbv	RPD %D	Limit %	Flag * = Out
75-01-4	Vinyl chloride	1.12	1.16	4	30	
75-35-4	1,1-Dichloroethene	1.18	1.06	12	30	
75-09-2	Dichloromethane	1.04	1.03	1	30	
75-34-3	1,1-Dichloroethane	0.98	0.96	2	30	
67-66-3	Chloroform	1.10	1.06	4	30	
71-55-6	1,1,1-Trichloroethane	0.94	0.93	1	30	
107-06-2	1,2-Dichloroethane	1.09	1.14	5	30	
71-43-2	Benzene	1.11	1.14	3	30	
56-23-5	Carbon tetrachloride	1.09	1.05	4	30	
79-01-6	Trichloroethene	1.10	1.14	4	30	
108-88-3	Toluene	1.08	1.12	4	30	
106-93-4	1,2-Dibromoethane	0.89	0.96	7	30	
127-18-4	Tetrachloroethene	1.10	1.16	6	30	
108-90-7	Chlorobenzene	1.02	1.07	5	30	
100-41-4	Ethylbenzene	1.01	1.07	6	30	
108-38-3	m & p-Xylene	2.05	2.16	5	30	
95-47-6	o-Xylene	1.03	1.05	2	30	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL SPIKE

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

File: QC05017A.D
Description: ST60032
Can/Tube#:
Sam_Type: LCS
QC_Batch: 050107-MS1
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/01/07 **Time:** 9:16
Can Dilution Factor: 1.00 2
QC Duplicate: No

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.16	0.000	1.16	112	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.06	0.000	1.06	102	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.03	0.000	1.03	99	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	0.96	0.000	0.96	95	70	130	
67-66-3	Chloroform	0.10	1.02	1.06	0.000	1.06	104	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.93	0.000	0.93	91	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	1.14	0.000	1.14	111	70	130	
71-43-2	Benzene	0.10	1.03	1.14	0.000	1.14	111	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	1.05	0.000	1.05	103	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.14	0.000	1.14	111	70	130	
108-88-3	Toluene	0.10	1.03	1.12	0.000	1.12	109	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.96	0.000	0.96	92	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.16	0.000	1.16	114	70	130	
108-90-7	Chlorobenzene	0.10	1.02	1.07	0.000	1.07	105	70	130	
100-41-4	Ethylbenzene	0.10	1.04	1.07	0.000	1.07	103	70	130	
108-38-3	m & p-Xylene	0.21	2.06	2.16	0.000	2.16	105	70	130	
95-47-6	o-Xylene	0.10	1.02	1.05	0.000	1.05	103	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.090	101	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL DUPLICATE

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

File: QC05017B.D
Description: ST60032
Can/Tube#:
Sam_Type: LCD
QC_Batch: 050107-MS1
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/01/07 **Time:** 10:02
Can Dilution Factor: 1.00 2
QC Duplicate: Yes

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.12	0.000	1.12	108	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.18	0.000	1.18	113	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.04	0.000	1.04	100	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	0.98	0.000	0.98	97	70	130	
67-66-3	Chloroform	0.10	1.02	1.10	0.000	1.10	108	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.94	0.000	0.94	92	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	1.09	0.000	1.09	106	70	130	
71-43-2	Benzene	0.10	1.03	1.11	0.000	1.11	108	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	1.09	0.000	1.09	107	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.10	0.000	1.10	107	70	130	
108-88-3	Toluene	0.10	1.03	1.08	0.000	1.08	105	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.89	0.000	0.89	86	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.10	0.000	1.10	108	70	130	
108-90-7	Chlorobenzene	0.10	1.02	1.02	0.000	1.02	100	70	130	
100-41-4	Ethylbenzene	0.10	1.04	1.01	0.000	1.01	97	70	130	
108-38-3	m & p-Xylene	0.21	2.06	2.05	0.000	2.05	100	70	130	
95-47-6	o-Xylene	0.10	1.02	1.03	0.000	1.03	101	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.001	100	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL DUPLICATE

ENVIRONMENTAL
Analytical Service, Inc.

Duplicate of QC Sample

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

Dup File: QC05027B.D
Description: ST60032
Can/Tube#:
QC_Batch: 050207-MS3

CAS#	Compound	LCD ppbv	LCS ppbv	RPD %D	Limit %	Flag * = Out
75-01-4	Vinyl chloride	1.18	1.28	10	30	
75-35-4	1,1-Dichloroethene	1.24	1.21	3	30	
75-09-2	Dichloromethane	1.12	1.27	14	30	
75-34-3	1,1-Dichloroethane	1.25	1.23	2	30	
67-66-3	Chloroform	1.18	1.18	0	30	
71-55-6	1,1,1-Trichloroethane	0.83	0.92	9	30	
107-06-2	1,2-Dichloroethane	0.92	0.89	3	30	
71-43-2	Benzene	1.11	1.11	0	30	
56-23-5	Carbon tetrachloride	0.84	0.93	9	30	
79-01-6	Trichloroethene	0.96	0.89	7	30	
108-88-3	Toluene	1.02	1.05	3	30	
106-93-4	1,2-Dibromoethane	0.76	0.73	3	30	
127-18-4	Tetrachloroethene	0.89	0.90	1	30	
108-90-7	Chlorobenzene	0.93	0.85	8	30	
100-41-4	Ethylbenzene	0.86	0.87	1	30	
108-38-3	m & p-Xylene	1.74	1.75	0	30	
95-47-6	o-Xylene	0.83	0.81	2	30	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL SPIKE

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

File: QC05027A.D
Description: ST60032
Can/Tube#:
Sam_Type: LCS
QC_Batch: 050207-MS3
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/02/07 **Time:** 9:25
Can Dilution Factor: 1.00 2
QC Duplicate: No

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.28	0.000	1.28	123	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.21	0.000	1.21	116	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.27	0.000	1.27	122	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	1.23	0.000	1.23	122	70	130	
67-66-3	Chloroform	0.10	1.02	1.18	0.000	1.18	116	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.92	0.000	0.92	90	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	0.89	0.000	0.89	86	70	130	
71-43-2	Benzene	0.10	1.03	1.11	0.000	1.11	108	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	0.93	0.000	0.93	91	70	130	
79-01-6	Trichloroethene	0.10	1.03	0.89	0.000	0.89	86	70	130	
108-88-3	Toluene	0.10	1.03	1.05	0.000	1.05	102	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.73	0.000	0.73	70	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	0.90	0.000	0.90	88	70	130	
108-90-7	Chlorobenzene	0.10	1.02	0.85	0.000	0.85	83	70	130	
100-41-4	Ethylbenzene	0.10	1.04	0.87	0.000	0.87	84	70	130	
108-38-3	m & p-Xylene	0.21	2.06	1.75	0.000	1.75	85	70	130	
95-47-6	o-Xylene	0.10	1.02	0.81	0.000	0.81	79	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.858	109	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL DUPLICATE

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

File: QC05027B.D
Description: ST60032
Can/Tube#:
Sam_Type: LCD
QC_Batch: 050207-MS3
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/02/07 **Time:** 10:08
Can Dilution Factor: 1.00 2
QC Duplicate: Yes

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.18	0.000	1.18	113	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	1.24	0.000	1.24	119	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.12	0.000	1.12	108	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	1.25	0.000	1.25	124	70	130	
67-66-3	Chloroform	0.10	1.02	1.18	0.000	1.18	116	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.83	0.000	0.83	81	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	0.92	0.000	0.92	89	70	130	
71-43-2	Benzene	0.10	1.03	1.11	0.000	1.11	108	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	0.84	0.000	0.84	82	70	130	
79-01-6	Trichloroethene	0.10	1.03	0.96	0.000	0.96	93	70	130	
108-88-3	Toluene	0.10	1.03	1.02	0.000	1.02	99	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.76	0.000	0.76	73	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	0.89	0.000	0.89	87	70	130	
108-90-7	Chlorobenzene	0.10	1.02	0.93	0.000	0.93	91	70	130	
100-41-4	Ethylbenzene	0.10	1.04	0.86	0.000	0.86	83	70	130	
108-38-3	m & p-Xylene	0.21	2.06	1.74	0.000	1.74	84	70	130	
95-47-6	o-Xylene	0.10	1.02	0.83	0.000	0.83	81	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	11.038	110	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL DUPLICATE

ENVIRONMENTAL
Analytical Service, Inc.

Duplicate of QC Sample

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

Dup File: QC05037B.D
Description: ST60032
Can/Tube#:
QC_Batch: 050307-MS3

CAS#	Compound	LCD ppbv	LCS ppbv	RPD %D	Limit %	Flag * = Out
75-01-4	Vinyl chloride	0.90	0.84	6	30	
75-35-4	1,1-Dichloroethene	0.85	0.81	4	30	
75-09-2	Dichloromethane	1.10	0.90	19	30	
75-34-3	1,1-Dichloroethane	1.07	0.98	9	30	
67-66-3	Chloroform	0.97	0.91	6	30	
71-55-6	1,1,1-Trichloroethane	0.89	0.86	3	30	
107-06-2	1,2-Dichloroethane	0.91	0.86	5	30	
71-43-2	Benzene	1.09	1.09	0	30	
56-23-5	Carbon tetrachloride	0.79	0.82	3	30	
79-01-6	Trichloroethene	0.95	1.04	9	30	
108-88-3	Toluene	0.99	1.00	1	30	
106-93-4	1,2-Dibromoethane	0.81	0.77	4	30	
127-18-4	Tetrachloroethene	1.00	1.08	8	30	
108-90-7	Chlorobenzene	0.97	0.97	0	30	
100-41-4	Ethylbenzene	0.84	0.93	9	30	
108-38-3	m & p-Xylene	1.74	1.87	6	30	
95-47-6	o-Xylene	0.82	0.91	9	30	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL SPIKE

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

File: QC05037A.D
Description: ST60032
Can/Tube#:
Sam_Type: LCS
QC_Batch: 050307-MS3
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/03/07 **Time:** 9:05
Can Dilution Factor: 1.00 2
QC Duplicate: No

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	0.84	0.000	0.84	81	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	0.81	0.000	0.81	78	70	130	
75-09-2	Dichloromethane	0.10	1.04	0.90	0.000	0.90	87	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	0.98	0.000	0.98	97	70	130	
67-66-3	Chloroform	0.10	1.02	0.91	0.000	0.91	89	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.86	0.000	0.86	84	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	0.86	0.000	0.86	83	70	130	
71-43-2	Benzene	0.10	1.03	1.09	0.000	1.09	106	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	0.82	0.000	0.82	80	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.04	0.000	1.04	101	70	130	
108-88-3	Toluene	0.10	1.03	1.00	0.000	1.00	97	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.77	0.000	0.77	74	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.08	0.000	1.08	106	70	130	
108-90-7	Chlorobenzene	0.10	1.02	0.97	0.000	0.97	95	70	130	
100-41-4	Ethylbenzene	0.10	1.04	0.93	0.000	0.93	89	70	130	
108-38-3	m & p-Xylene	0.21	2.06	1.87	0.000	1.87	91	70	130	
95-47-6	o-Xylene	0.10	1.02	0.91	0.000	0.91	89	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	11.642	116	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL DUPLICATE

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

File: QC05037B.D
Description: ST60032
Can/Tube#:
Sam_Type: LCD
QC_Batch: 050307-MS3
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/03/07 **Time:** 9:48
Can Dilution Factor: 1.00 2
QC Duplicate: Yes

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	0.90	0.000	0.90	87	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	0.85	0.000	0.85	82	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.10	0.000	1.10	106	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	1.07	0.000	1.07	106	70	130	
67-66-3	Chloroform	0.10	1.02	0.97	0.000	0.97	95	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.89	0.000	0.89	87	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	0.91	0.000	0.91	88	70	130	
71-43-2	Benzene	0.10	1.03	1.09	0.000	1.09	106	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	0.79	0.000	0.79	77	70	130	
79-01-6	Trichloroethene	0.10	1.03	0.95	0.000	0.95	92	70	130	
108-88-3	Toluene	0.10	1.03	0.99	0.000	0.99	96	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.81	0.000	0.81	78	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	1.00	0.000	1.00	98	70	130	
108-90-7	Chlorobenzene	0.10	1.02	0.97	0.000	0.97	95	70	130	
100-41-4	Ethylbenzene	0.10	1.04	0.84	0.000	0.84	81	70	130	
108-38-3	m & p-Xylene	0.21	2.06	1.74	0.000	1.74	84	70	130	
95-47-6	o-Xylene	0.10	1.02	0.82	0.000	0.82	80	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.479	105	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL DUPLICATE

ENVIRONMENTAL
Analytical Service, Inc.

Duplicate of QC Sample

EPA Method TO-15 Full Scan GC/MS
Analytical Method: TO-15

SDG: LABQC

Dup File: QC05047B.D
Description: ST60032
Can/Tube#:
QC_Batch: 050407-MS3

CAS#	Compound	LCD ppbv	LCS ppbv	RPD %D	Limit %	Flag * = Out
75-01-4	Vinyl chloride	0.85	1.00	14	30	
75-35-4	1,1-Dichloroethene	0.91	0.79	12	30	
75-09-2	Dichloromethane	0.99	1.00	1	30	
75-34-3	1,1-Dichloroethane	0.88	0.95	7	30	
67-66-3	Chloroform	0.98	0.98	0	30	
71-55-6	1,1,1-Trichloroethane	0.98	0.94	4	30	
107-06-2	1,2-Dichloroethane	1.05	0.89	16	30	
71-43-2	Benzene	0.98	1.01	3	30	
56-23-5	Carbon tetrachloride	1.04	0.91	13	30	
79-01-6	Trichloroethene	1.02	0.89	13	30	
108-88-3	Toluene	0.99	0.91	8	30	
106-93-4	1,2-Dibromoethane	0.79	0.68	11	30	
127-18-4	Tetrachloroethene	0.93	0.88	5	30	
108-90-7	Chlorobenzene	0.93	0.88	5	30	
100-41-4	Ethylbenzene	0.87	0.77	10	30	
108-38-3	m & p-Xylene	1.92	1.51	20	30	
95-47-6	o-Xylene	0.95	0.74	21	30	

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL SPIKE

EPA Method TO-15 Full Scan GC/MS **SDG: LABQC**
Analytical Method: TO-15

File: QC05047A.D
Description: ST60032
Can/Tube#:
Sam_Type: LCS
QC_Batch: 050407-MS3
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/04/07 **Time:** 10:50
Can Dilution Factor: 1.00 2
QC Duplicate: No

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	1.00	0.000	1.00	96	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	0.79	0.000	0.79	76	70	130	
75-09-2	Dichloromethane	0.10	1.04	1.00	0.000	1.00	96	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	0.95	0.000	0.95	94	70	130	
67-66-3	Chloroform	0.10	1.02	0.98	0.000	0.98	96	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.94	0.000	0.94	92	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	0.89	0.000	0.89	86	70	130	
71-43-2	Benzene	0.10	1.03	1.01	0.000	1.01	98	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	0.91	0.000	0.91	89	70	130	
79-01-6	Trichloroethene	0.10	1.03	0.89	0.000	0.89	86	70	130	
108-88-3	Toluene	0.10	1.03	0.91	0.000	0.91	88	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.68	0.000	0.68	65	70	130	*
127-18-4	Tetrachloroethene	0.10	1.02	0.88	0.000	0.88	86	70	130	
108-90-7	Chlorobenzene	0.10	1.02	0.88	0.000	0.88	86	70	130	
100-41-4	Ethylbenzene	0.10	1.04	0.77	0.000	0.77	74	70	130	
108-38-3	m & p-Xylene	0.21	2.06	1.51	0.000	1.51	73	70	130	
95-47-6	o-Xylene	0.10	1.02	0.74	0.000	0.74	73	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	9.702	97	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.

QUALITY CONTROL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

LABORATORY CONTROL DUPLICATE

EPA Method TO-15 Full Scan GC/MS **SDG: LABQC**
Analytical Method: **TO-15**

File: QC05047B.D
Description: ST60032
Can/Tube#:
Sam_Type: LCD
QC_Batch: 050407-MS3
Air Volume: 1000 ml

Date Sampled: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 05/04/07 **Time:** 11:33
Can Dilution Factor: 1.00 2
QC Duplicate: Yes

CAS#	Compound	MDL ppbv	Spike Conc ppbv	Amount ppbv	Matrix Amt ppbv	Spk Amt ppbv	Percent Recovery	LCL %	UCL %	Flag
75-01-4	Vinyl chloride	0.10	1.04	0.85	0.000	0.85	82	70	130	
75-35-4	1,1-Dichloroethene	0.10	1.04	0.91	0.000	0.91	88	70	130	
75-09-2	Dichloromethane	0.10	1.04	0.99	0.000	0.99	95	70	130	
75-34-3	1,1-Dichloroethane	0.10	1.01	0.88	0.000	0.88	87	70	130	
67-66-3	Chloroform	0.10	1.02	0.98	0.000	0.98	96	70	130	
71-55-6	1,1,1-Trichloroethane	0.10	1.02	0.98	0.000	0.98	96	70	130	
107-06-2	1,2-Dichloroethane	0.10	1.03	1.05	0.000	1.05	102	70	130	
71-43-2	Benzene	0.10	1.03	0.98	0.000	0.98	95	70	130	
56-23-5	Carbon tetrachloride	0.10	1.02	1.04	0.000	1.04	102	70	130	
79-01-6	Trichloroethene	0.10	1.03	1.02	0.000	1.02	99	70	130	
108-88-3	Toluene	0.10	1.03	0.99	0.000	0.99	96	70	130	
106-93-4	1,2-Dibromoethane	0.10	1.04	0.79	0.000	0.79	76	70	130	
127-18-4	Tetrachloroethene	0.10	1.02	0.93	0.000	0.93	91	70	130	
108-90-7	Chlorobenzene	0.10	1.02	0.93	0.000	0.93	91	70	130	
100-41-4	Ethylbenzene	0.10	1.04	0.87	0.000	0.87	84	70	130	
108-38-3	m & p-Xylene	0.21	2.06	1.92	0.000	1.92	93	70	130	
95-47-6	o-Xylene	0.10	1.02	0.95	0.000	0.95	93	70	130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	10.000	10.429	104	70-130	

Notes: Reported results are to be interpreted to two significant figures.
*ug/m3 calculated assuming conditions at 60 F and 1 atm.