ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **01**

File: 0603501A.D
Description: 060121-IAQ-HSSB-1A
Can/Tube#: 600
Sam_Type: SA
QC_Batch: 012906-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 18:16
Can Dilution Factor: 1.71 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.013	0.060	0.125	0.065	J
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.052	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.213	0.023	0.169	1.535	0.169	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.018	0.043	0.067	0.050	J
127-18-4	Tetrachloroethene	0.008	0.024	0.061	0.045	0.141	0.353	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.215	107	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 02

File:	0603502A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-2A	**Date Received:**	01/24/06		
Can/Tube#:	680	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	20:36
QC_Batch:	012506-MS3	**Can Dilution Factor:**	1.68		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.012	0.059	0.123	0.059	U
75-35-4	1,1-Dichloroethene	0.012	0.024	0.023	0.025	0.051	0.049	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.209	0.023	0.166	1.508	0.166	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.030	0.063	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.015	0.042	0.065	0.042	U
127-18-4	Tetrachloroethene	0.008	0.024	0.036	0.044	0.139	0.208	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.218	109	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 03

File:	0603503A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-3A	**Date Received:**	01/24/06		
Can/Tube#:	512	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	20:48
QC_Batch:	012506-MS1	**Can Dilution Factor:**	1.74		3
Air Volume:	655 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.027	0.018	0.065	0.136	0.094	J
75-35-4	1,1-Dichloroethene	0.013	0.027	0.014	0.027	0.057	0.029	J
156-60-5	trans-1,2-Dichloroethene	0.026	0.231	0.026	0.184	1.669	0.184	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.027	0.013	0.034	0.070	0.034	U
79-01-6	Trichloroethene	0.017	0.027	0.021	0.046	0.072	0.058	J
127-18-4	Tetrachloroethene	0.009	0.027	0.038	0.049	0.154	0.217	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.163	81	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **04**

File: 0603504A.D
Description: 060121-IAQ-HSSB-4A
Can/Tube#: 178
Sam_Type: SA
QC_Batch: 012906-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 19:28
Can Dilution Factor: 1.24 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.018	0.009	0.043	0.091	0.043	U
75-35-4	1,1-Dichloroethene	0.009	0.018	0.009	0.018	0.038	0.018	U
156-60-5	trans-1,2-Dichloroethene	0.017	0.154	0.017	0.123	1.113	0.123	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.018	0.009	0.022	0.047	0.022	U
79-01-6	Trichloroethene	0.011	0.018	0.011	0.031	0.048	0.031	U
127-18-4	Tetrachloroethene	0.006	0.018	0.028	0.033	0.102	0.162	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.185	93	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **05**

File: 0603505A.D
Description: 060121-IAQ-HSSB-5A
Can/Tube#: 519
Sam_Type: SA
QC_Batch: 012506-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 21:30
Can Dilution Factor: 1.64 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.024	0.018	0.058	0.121	0.092	J
75-35-4	1,1-Dichloroethene	0.011	0.024	0.019	0.024	0.051	0.041	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.207	0.023	0.165	1.493	0.165	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.024	0.011	0.030	0.063	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.018	0.041	0.065	0.048	J
127-18-4	Tetrachloroethene	0.008	0.024	0.226	0.044	0.138	1.308	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.161	80	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **06**

File: 0603506A.D
Description: 060121-IAQ-HSSB-6A
Can/Tube#: 668
Sam_Type: SA
QC_Batch: 012506-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 21:19
Can Dilution Factor: 1.62 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.023	0.011	0.057	0.118	0.057	U
75-35-4	1,1-Dichloroethene	0.011	0.023	0.011	0.024	0.049	0.024	U
156-60-5	trans-1,2-Dichloroethene	0.022	0.201	0.022	0.160	1.454	0.160	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.023	0.011	0.029	0.061	0.029	U
79-01-6	Trichloroethene	0.015	0.023	0.015	0.040	0.063	0.040	U
127-18-4	Tetrachloroethene	0.007	0.023	0.406	0.043	0.134	2.351	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.218	109	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 07

File:	0603507A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-7A	**Date Received:**	01/24/06		
Can/Tube#:	510	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	12:30
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.70		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.012	0.060	0.124	0.060	U
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.052	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.211	0.023	0.168	1.526	0.168	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.016	0.042	0.066	0.043	J
127-18-4	Tetrachloroethene	0.008	0.024	0.029	0.045	0.141	0.167	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.233	116	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 08

File:	0603508A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-8A	**Date Received:**	01/24/06		
Can/Tube#:	699	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	13:15
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.43		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.010	0.020	0.015	0.050	0.104	0.077	J
75-35-4	1,1-Dichloroethene	0.010	0.020	0.010	0.021	0.044	0.021	U
156-60-5	trans-1,2-Dichloroethene	0.020	0.178	0.020	0.142	1.283	0.142	U
156-59-2	cis-1,2-Dichloroethene	0.010	0.020	0.010	0.026	0.054	0.026	U
79-01-6	Trichloroethene	0.013	0.020	0.129	0.036	0.056	0.350	
127-18-4	Tetrachloroethene	0.007	0.020	0.037	0.038	0.118	0.211	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.226	113	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: ***TO-15 SIM***

SDG: **206035**
Laboratory Number: **09**

File: 0603509A.D
Description: 060121-IAQ-HSSB-9A
Can/Tube#: 703
Sam_Type: SA
QC_Batch: 012406-MS1
Air Volume: 750 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/24/06 **Time:** 16:23
Can Dilution Factor: 1.41 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.019	0.024	0.046	0.096	0.123	
75-35-4	1,1-Dichloroethene	0.009	0.019	0.017	0.019	0.040	0.036	J
156-60-5	*trans*-1,2-Dichloroethene	0.018	0.164	0.018	0.130	1.181	0.130	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.019	0.009	0.024	0.050	0.024	U
79-01-6	Trichloroethene	0.012	0.019	0.014	0.033	0.051	0.038	J
127-18-4	Tetrachloroethene	0.006	0.019	0.045	0.035	0.109	0.261	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.187	93	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **10**

File: 0603510A.D
Description: 060121-IAQ-HSSB-10A
Can/Tube#: 792
Sam_Type: SA
QC_Batch: 012406-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/24/06 **Time:** 17:10
Can Dilution Factor: 1.52 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.022	0.037	0.054	0.113	0.191	
75-35-4	1,1-Dichloroethene	0.011	0.022	0.015	0.023	0.047	0.033	J
156-60-5	trans-1,2-Dichloroethene	0.021	0.192	0.021	0.153	1.384	0.153	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.022	0.011	0.028	0.058	0.028	U
79-01-6	Trichloroethene	0.014	0.022	0.019	0.038	0.060	0.053	J
127-18-4	Tetrachloroethene	0.007	0.022	0.042	0.041	0.127	0.242	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.185	93	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **11**

File: 0603511A.D
Description: 060121-IAQ-HSSB-11A
Can/Tube#: 712
Sam_Type: SA
QC_Batch: 012406-MS1
Air Volume: 685 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/24/06 **Time:** 17:57
Can Dilution Factor: 1.78 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.054	0.064	0.133	0.276	
75-35-4	1,1-Dichloroethene	0.012	0.026	0.019	0.027	0.055	0.041	J
156-60-5	trans-1,2-Dichloroethene	0.025	0.226	0.025	0.180	1.633	0.180	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.033	0.069	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.041	0.045	0.071	0.111	
127-18-4	Tetrachloroethene	0.008	0.026	0.057	0.048	0.150	0.332	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.186	93	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **12**

File: 0603512A.D
Description: 060121-IAQ-HSSB-12A
Can/Tube#: 710
Sam_Type: SA
QC_Batch: 012406-MS1
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/24/06 **Time:** 18:44
Can Dilution Factor: 1.71 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.022	0.060	0.125	0.113	J
75-35-4	1,1-Dichloroethene	0.012	0.024	0.017	0.025	0.052	0.037	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.213	0.023	0.169	1.535	0.169	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.020	0.043	0.067	0.053	J
127-18-4	Tetrachloroethene	0.008	0.024	0.044	0.045	0.141	0.252	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.183	91	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **13**

File: 0603513A.D
Description: 060121-IAQ-HSSB-13A
Can/Tube#: 409
Sam_Type: SA
QC_Batch: 012406-MS1
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/24/06 **Time:** 20:28
Can Dilution Factor: 1.83 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.026	0.024	0.064	0.134	0.125	J
75-35-4	1,1-Dichloroethene	0.013	0.026	0.022	0.027	0.056	0.048	J
156-60-5	trans-1,2-Dichloroethene	0.025	0.227	0.025	0.181	1.642	0.181	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.026	0.013	0.033	0.069	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.032	0.046	0.071	0.086	
127-18-4	Tetrachloroethene	0.008	0.026	0.554	0.048	0.151	3.206	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.190	95	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 14

File:	0603514A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-14A	**Date Received:**	01/24/06		
Can/Tube#:	408	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/24/06	**Time:**	21:16
QC_Batch:	012406-MS1	***Can Dilution Factor:***	1.76		3
Air Volume:	710 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.018	0.061	0.127	0.091	J
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.025	0.053	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.216	0.024	0.172	1.557	0.172	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.065	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.043	0.043	0.068	0.117	
127-18-4	Tetrachloroethene	0.008	0.025	0.048	0.046	0.143	0.278	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.185	93	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 15

File:	0603515A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-15A	**Date Received:**	01/24/06		
Can/Tube#:	817	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/24/06	**Time:**	22:02
QC_Batch:	012406-MS1	**Can Dilution Factor:**	1.76		3
Air Volume:	690 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.089	0.063	0.130	0.457	
75-35-4	1,1-Dichloroethene	0.012	0.026	0.012	0.026	0.054	0.026	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.222	0.024	0.177	1.602	0.177	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.026	0.025	0.044	0.069	0.067	J
127-18-4	Tetrachloroethene	0.008	0.026	0.131	0.047	0.148	0.755	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.178	89	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **16**

File: 0603516A.D
Description: 060121-IAQ-HSSB-16A
Can/Tube#: 655
Sam_Type: SA
QC_Batch: 012506-MS1
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 14:20
Can Dilution Factor: 1.74 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.116	0.061	0.127	0.594	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.028	0.025	0.053	0.059	
156-60-5	trans-1,2-Dichloroethene	0.024	0.216	0.024	0.172	1.562	0.172	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.066	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.021	0.043	0.068	0.057	J
127-18-4	Tetrachloroethene	0.008	0.025	0.044	0.046	0.144	0.255	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.183	92	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 17

File:	0603517A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-17A	**Date Received:**	01/24/06		
Can/Tube#:	533	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	12:02
QC_Batch:	012606-MS1	**Can Dilution Factor:**	1.66		3
Air Volume:	680 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.097	0.060	0.125	0.493	
75-35-4	1,1-Dichloroethene	0.012	0.024	0.022	0.025	0.052	0.047	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.212	0.023	0.169	1.534	0.169	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.028	0.043	0.066	0.077	
127-18-4	Tetrachloroethene	0.008	0.024	0.058	0.045	0.141	0.335	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.165	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **18**

File: 0603518A.D
Description: 060121-IAQ-HSSB-18A
Can/Tube#: 516
Sam_Type: SA
QC_Batch: 012606-MS1
Air Volume: 680 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 12:50
Can Dilution Factor: 1.86 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.027	0.050	0.067	0.140	0.254	
75-35-4	1,1-Dichloroethene	0.013	0.027	0.019	0.028	0.058	0.040	J
156-60-5	trans-1,2-Dichloroethene	0.026	0.238	0.026	0.190	1.718	0.190	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.027	0.013	0.035	0.072	0.035	U
79-01-6	Trichloroethene	0.018	0.027	0.032	0.048	0.075	0.086	
127-18-4	Tetrachloroethene	0.009	0.027	0.129	0.051	0.158	0.747	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.170	85	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **19**

File: 0603519A.D
Description: 060121-IAQ-HSSB-19A
Can/Tube#: 645
Sam_Type: SA
QC_Batch: 012606-MS1
Air Volume: 718 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 13:35
Can Dilution Factor: 1.78 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.058	0.061	0.127	0.299	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.014	0.025	0.053	0.030	J
156-60-5	trans-1,2-Dichloroethene	0.024	0.216	0.024	0.172	1.558	0.172	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.065	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.207	0.043	0.068	0.563	
127-18-4	Tetrachloroethene	0.008	0.025	0.100	0.046	0.143	0.579	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.167	84	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 20

File:	0603520A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-20A	**Date Received:**	01/24/06		
Can/Tube#:	520	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	14:12
QC_Batch:	012606-MS1	**Can Dilution Factor:**	1.63		3
Air Volume:	690 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.024	0.016	0.058	0.121	0.083	J
75-35-4	1,1-Dichloroethene	0.011	0.024	0.021	0.024	0.050	0.045	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.206	0.023	0.164	1.484	0.164	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.024	0.011	0.030	0.062	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.051	0.041	0.064	0.138	
127-18-4	Tetrachloroethene	0.008	0.024	0.170	0.044	0.137	0.985	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.167	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 21

File:	0603521A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-21A	**Date Received:**	01/24/06		
Can/Tube#:	661	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	14:56
QC_Batch:	012606-MS1	**Can Dilution Factor:**	1.62		3
Air Volume:	685 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.024	0.011	0.058	0.121	0.058	U
75-35-4	1,1-Dichloroethene	0.011	0.024	0.016	0.024	0.050	0.035	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.206	0.023	0.164	1.486	0.164	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.024	0.011	0.030	0.062	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.033	0.041	0.064	0.091	
127-18-4	Tetrachloroethene	0.008	0.024	0.368	0.044	0.137	2.130	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.174	87	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **22**

File: 0603522A.D
Description: 060121-IAQ-HSSB-22A
Can/Tube#: 647
Sam_Type: SA
QC_Batch: 012606-MS1
Air Volume: 710 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 15:34
Can Dilution Factor: 1.72 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.015	0.059	0.124	0.077	J
75-35-4	1,1-Dichloroethene	0.012	0.024	0.017	0.025	0.052	0.037	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.211	0.023	0.168	1.522	0.168	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.019	0.042	0.066	0.051	J
127-18-4	Tetrachloroethene	0.008	0.024	0.110	0.045	0.140	0.639	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.171	85	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **23**

File: 0603523A.D
Description: 060121-IAQ-HSSB-23A
Can/Tube#: 784
Sam_Type: SA
QC_Batch: 012606-MS1
Air Volume: 705 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 16:13
Can Dilution Factor: 1.74 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.042	0.061	0.126	0.215	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.016	0.025	0.053	0.035	J
156-60-5	trans-1,2-Dichloroethene	0.024	0.215	0.024	0.171	1.551	0.171	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.065	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.016	0.043	0.067	0.043	U
127-18-4	Tetrachloroethene	0.008	0.025	0.008	0.046	0.143	0.046	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.167	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **24**

File: 0603524A.D
Description: 060121-IAQ-HSSB-24A
Can/Tube#: 511
Sam_Type: SA
QC_Batch: 012606-MS1
Air Volume: 680 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 16:49
Can Dilution Factor: 1.66 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.036	0.060	0.125	0.185	
75-35-4	1,1-Dichloroethene	0.012	0.024	0.013	0.025	0.052	0.027	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.212	0.023	0.169	1.534	0.169	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.016	0.043	0.066	0.043	U
127-18-4	Tetrachloroethene	0.008	0.024	0.066	0.045	0.141	0.382	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.176	88	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 25

File:	0603525A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-25A	**Date Received:**	01/24/06		
Can/Tube#:	609	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	13:58
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.69		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.044	0.059	0.123	0.224	
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.051	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.210	0.023	0.167	1.517	0.167	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.015	0.024	0.015	0.042	0.066	0.042	U
127-18-4	Tetrachloroethene	0.008	0.024	0.084	0.045	0.140	0.484	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.219	110	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 26

File:	0603526A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-26A	**Date Received:**	01/24/06		
Can/Tube#:	35	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/31/06	**Time:**	18:11
QC_Batch:	013106-MS3	**Can Dilution Factor:**	1.71		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.037	0.060	0.125	0.190	
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.052	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.213	0.023	0.169	1.535	0.169	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.043	0.043	0.067	0.117	
127-18-4	Tetrachloroethene	0.008	0.024	0.088	0.045	0.141	0.508	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.215	107	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 27

File:	0603527A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-27A	**Date Received:**	01/24/06		
Can/Tube#:	745	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	15:25
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.61		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.023	0.025	0.056	0.118	0.130	
75-35-4	1,1-Dichloroethene	0.011	0.023	0.011	0.024	0.049	0.024	U
156-60-5	trans-1,2-Dichloroethene	0.022	0.200	0.022	0.159	1.445	0.159	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.023	0.011	0.029	0.061	0.029	U
79-01-6	Trichloroethene	0.015	0.023	0.019	0.040	0.063	0.051	J
127-18-4	Tetrachloroethene	0.007	0.023	0.040	0.043	0.133	0.229	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.217	109	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 28

File:	0603528A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-28A	**Date Received:**	01/24/06		
Can/Tube#:	781	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	16:09
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.64		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.023	0.032	0.057	0.120	0.163	
75-35-4	1,1-Dichloroethene	0.011	0.023	0.011	0.024	0.050	0.024	U
156-60-5	trans-1,2-Dichloroethene	0.022	0.204	0.022	0.162	1.472	0.162	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.023	0.011	0.030	0.062	0.030	U
79-01-6	Trichloroethene	0.015	0.023	0.016	0.041	0.064	0.042	J
127-18-4	Tetrachloroethene	0.007	0.023	0.175	0.043	0.136	1.014	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.215	107	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.

EPA Method TO-15 SIM GC/MS | **SDG:** *206035*
Analytical Method: **TO-15 SIM** | **Laboratory Number:** **29**

File:	0603529A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-29A	**Date Received:**	01/24/06		
Can/Tube#:	773	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	16:54
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.55		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.022	0.019	0.054	0.113	0.097	J
75-35-4	1,1-Dichloroethene	0.011	0.022	0.011	0.023	0.047	0.023	U
156-60-5	trans-1,2-Dichloroethene	0.021	0.193	0.021	0.154	1.391	0.154	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.022	0.011	0.028	0.058	0.028	U
79-01-6	Trichloroethene	0.014	0.022	0.019	0.039	0.060	0.051	J
127-18-4	Tetrachloroethene	0.007	0.022	0.082	0.041	0.128	0.474	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.207	104	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 30

File:	0603530A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-30A	**Date Received:**	01/24/06		
Can/Tube#:	644	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	17:39
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.75		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.035	0.061	0.128	0.178	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.026	0.053	0.026	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.218	0.024	0.173	1.571	0.173	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.066	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.032	0.044	0.068	0.087	
127-18-4	Tetrachloroethene	0.008	0.025	0.105	0.046	0.145	0.609	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.213	107	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 31

File:	0603531A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-31A	**Date Received:**	01/24/06		
Can/Tube#:	191	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	18:22
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.64		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.023	0.042	0.057	0.120	0.215	
75-35-4	1,1-Dichloroethene	0.011	0.023	0.011	0.024	0.050	0.024	U
156-60-5	trans-1,2-Dichloroethene	0.022	0.204	0.022	0.162	1.472	0.162	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.023	0.011	0.030	0.062	0.030	U
79-01-6	Trichloroethene	0.015	0.023	0.069	0.041	0.064	0.189	
127-18-4	Tetrachloroethene	0.007	0.023	0.058	0.043	0.136	0.337	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.198	99	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 32

File:	0603532A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-32A	**Date Received:**	01/24/06		
Can/Tube#:	690	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	20:25
QC_Batch:	012606-MS3	**Can Dilution Factor:**	1.69		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.012	0.059	0.123	0.059	U
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.051	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.210	0.023	0.167	1.517	0.167	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.015	0.024	0.019	0.042	0.066	0.052	J
127-18-4	Tetrachloroethene	0.008	0.024	0.055	0.045	0.140	0.317	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.212	106	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **33**

File: 0603533A.D
Description: 060121-IAQ-HSSB-33A
Can/Tube#: 735
Sam_Type: SA
QC_Batch: 012606-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 17:28
Can Dilution Factor: 1.72 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.014	0.061	0.127	0.071	J
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.026	0.053	0.026	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.217	0.024	0.173	1.566	0.173	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.066	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.026	0.043	0.068	0.070	
127-18-4	Tetrachloroethene	0.008	0.025	0.037	0.046	0.144	0.211	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.173	86	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **34**

File: 0603534A.D
Description: 060121-IAQ-HSSB-34A
Can/Tube#: 664
Sam_Type: SA
QC_Batch: 012606-MS1
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 18:08
Can Dilution Factor: 1.83 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.026	0.027	0.064	0.134	0.137	
75-35-4	1,1-Dichloroethene	0.013	0.026	0.013	0.027	0.056	0.027	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.227	0.025	0.181	1.642	0.181	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.026	0.013	0.033	0.069	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.017	0.046	0.071	0.046	U
127-18-4	Tetrachloroethene	0.008	0.026	0.040	0.048	0.151	0.230	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.179	89	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 35

File:	0603535A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-35A	**Date Received:**	01/24/06		
Can/Tube#:	413	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/31/06	**Time:**	19:08
QC_Batch:	013106-MS3	**Can Dilution Factor:**	1.60		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.023	0.011	0.056	0.117	0.056	U
75-35-4	1,1-Dichloroethene	0.011	0.023	0.011	0.023	0.049	0.023	U
156-60-5	trans-1,2-Dichloroethene	0.022	0.199	0.022	0.158	1.436	0.158	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.023	0.011	0.029	0.060	0.029	U
79-01-6	Trichloroethene	0.015	0.023	0.127	0.040	0.062	0.346	
127-18-4	Tetrachloroethene	0.007	0.023	0.047	0.042	0.132	0.272	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.199	100	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 36

File:	0603536A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-36A	**Date Received:**	01/24/06		
Can/Tube#:	670	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	20:47
QC_Batch:	012606-MS1	**Can Dilution Factor:**	1.72		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.020	0.060	0.126	0.104	J
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.025	0.052	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.214	0.024	0.170	1.544	0.170	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.065	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.413	0.043	0.067	1.126	
127-18-4	Tetrachloroethene	0.008	0.025	0.033	0.045	0.142	0.191	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.168	84	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 37

File:	0603537A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-37A	**Date Received:**	01/24/06		
Can/Tube#:	193	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/26/06	**Time:**	21:25
QC_Batch:	012606-MS1	**Can Dilution Factor:**	1.70		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.015	0.060	0.124	0.078	J
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.052	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.211	0.023	0.168	1.526	0.168	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.016	0.042	0.066	0.042	U
127-18-4	Tetrachloroethene	0.008	0.024	0.032	0.045	0.141	0.184	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.172	86	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **38**

File: 0603538A.D
Description: 060121-IAQ-HSSB-38A
Can/Tube#: 764
Sam_Type: SA
QC_Batch: 012906-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 20:13
Can Dilution Factor: 1.73 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.012	0.061	0.126	0.061	U
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.025	0.053	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.215	0.024	0.171	1.553	0.171	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.065	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.016	0.043	0.067	0.043	U
127-18-4	Tetrachloroethene	0.008	0.025	0.052	0.046	0.143	0.304	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.213	106	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **39**

File: 0603539A.D
Description: 060121-IAQ-HSSB-39A
Can/Tube#: 702
Sam_Type: SA
QC_Batch: 012906-MS1
Air Volume: 744 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 20:06
Can Dilution Factor: 1.93 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.013	0.064	0.133	0.066	J
75-35-4	1,1-Dichloroethene	0.012	0.026	0.019	0.027	0.055	0.040	J
156-60-5	trans-1,2-Dichloroethene	0.025	0.226	0.025	0.180	1.630	0.180	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.033	0.068	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.162	0.045	0.071	0.440	
127-18-4	Tetrachloroethene	0.008	0.026	0.095	0.048	0.150	0.549	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.170	85	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **40**

File: 0603540A.D
Description: 060121-IAQ-HSSB-40A
Can/Tube#: 636
Sam_Type: SA
QC_Batch: 012906-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 20:44
Can Dilution Factor: 1.74 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.012	0.062	0.129	0.062	U
75-35-4	1,1-Dichloroethene	0.012	0.025	0.018	0.026	0.054	0.039	J
156-60-5	trans-1,2-Dichloroethene	0.024	0.219	0.024	0.175	1.584	0.175	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.090	0.044	0.069	0.246	
127-18-4	Tetrachloroethene	0.008	0.025	0.101	0.047	0.146	0.585	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.181	90	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 41

File:	0603541A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-41A	**Date Received:**	01/24/06		
Can/Tube#:	758	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/30/06	**Time:**	14:29
QC_Batch:	013006-MS3	**Can Dilution Factor:**	1.67		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.024	0.011	0.059	0.122	0.059	U
75-35-4	1,1-Dichloroethene	0.011	0.024	0.011	0.024	0.051	0.024	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.208	0.023	0.165	1.499	0.165	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.024	0.011	0.030	0.063	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.037	0.042	0.065	0.101	
127-18-4	Tetrachloroethene	0.008	0.024	0.701	0.044	0.138	4.057	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.230	115	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **42**

File: 0603542A.D
Description: 060121-IAQ-HSSB-42A
Can/Tube#: 630
Sam_Type: SA
QC_Batch: 013006-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/30/06 **Time:** 15:15
Can Dilution Factor: 1.79 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.012	0.063	0.131	0.063	U
75-35-4	1,1-Dichloroethene	0.012	0.026	0.015	0.026	0.055	0.032	J
156-60-5	trans-1,2-Dichloroethene	0.025	0.222	0.025	0.177	1.607	0.177	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.026	0.040	0.045	0.070	0.108	
127-18-4	Tetrachloroethene	0.008	0.026	0.118	0.047	0.148	0.685	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.199	100	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 43

File:	0603543A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-43A	**Date Received:**	01/24/06		
Can/Tube#:	966	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/30/06	**Time:**	16:00
QC_Batch:	013006-MS3	**Can Dilution Factor:**	1.77		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.012	0.062	0.129	0.062	U
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.026	0.054	0.026	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.220	0.024	0.175	1.589	0.175	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.023	0.044	0.069	0.062	J
127-18-4	Tetrachloroethene	0.008	0.025	0.056	0.047	0.146	0.327	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.201	100	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 44

File:	0603544A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-44A	**Date Received:**	01/24/06		
Can/Tube#:	108	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/30/06	**Time:**	16:44
QC_Batch:	013006-MS3	**Can Dilution Factor:**	1.85		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.026	0.013	0.065	0.135	0.065	U
75-35-4	1,1-Dichloroethene	0.013	0.026	0.013	0.027	0.056	0.027	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.230	0.025	0.183	1.660	0.183	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.026	0.013	0.033	0.070	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.017	0.046	0.072	0.046	U
127-18-4	Tetrachloroethene	0.008	0.026	0.141	0.049	0.153	0.814	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.187	93	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 45

File:	0603545A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	TRIP BLANK #1	**Date Received:**	01/24/06		
Can/Tube#:	728	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/30/06	**Time:**	17:29
QC_Batch:	013006-MS3	***Can Dilution Factor:***	1.00		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.007	0.014	0.007	0.035	0.073	0.035	U
75-35-4	1,1-Dichloroethene	0.007	0.014	0.007	0.015	0.030	0.015	U
156-60-5	trans-1,2-Dichloroethene	0.014	0.124	0.014	0.099	0.898	0.099	U
156-59-2	cis-1,2-Dichloroethene	0.007	0.014	0.007	0.018	0.038	0.018	U
79-01-6	Trichloroethene	0.009	0.014	0.009	0.025	0.039	0.025	U
127-18-4	Tetrachloroethene	0.005	0.014	0.037	0.026	0.083	0.216	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.177	89	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **46**

File: 0603546A.D
Description: 060121-IAQ-HSSB-1B
Can/Tube#: 513
Sam_Type: SA
QC_Batch: 013006-MS1
Air Volume: 685 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/30/06 **Time:** 14:52
Can Dilution Factor: 1.80 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.026	0.053	0.064	0.134	0.271	
75-35-4	1,1-Dichloroethene	0.013	0.026	0.013	0.027	0.056	0.027	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.229	0.040	0.182	1.651	0.289	J
156-59-2	cis-1,2-Dichloroethene	0.013	0.026	0.013	0.033	0.069	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.017	0.046	0.072	0.046	U
127-18-4	Tetrachloroethene	0.008	0.026	0.038	0.049	0.152	0.218	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.176	88	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **47**

File: 0603547A.D
Description: 060121-IAQ-HSSB-2B
Can/Tube#: 606
Sam_Type: SA
QC_Batch: 013006-MS1
Air Volume: 705 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/30/06 **Time:** 15:31
Can Dilution Factor: 1.83 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.055	0.064	0.133	0.283	
75-35-4	1,1-Dichloroethene	0.012	0.026	0.014	0.027	0.055	0.029	J
156-60-5	trans-1,2-Dichloroethene	0.025	0.226	0.025	0.180	1.631	0.180	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.033	0.069	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.017	0.045	0.071	0.045	U
127-18-4	Tetrachloroethene	0.008	0.026	0.048	0.048	0.150	0.275	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.166	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 48

File:	0603548A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-3B	**Date Received:**	01/24/06		
Can/Tube#:	654	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/30/06	**Time:**	16:10
QC_Batch:	013006-MS1	**Can Dilution Factor:**	1.49		3
Air Volume:	690 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.010	0.022	0.035	0.053	0.110	0.179	
75-35-4	1,1-Dichloroethene	0.010	0.022	0.015	0.022	0.046	0.032	J
156-60-5	trans-1,2-Dichloroethene	0.021	0.188	0.021	0.150	1.357	0.150	U
156-59-2	cis-1,2-Dichloroethene	0.010	0.022	0.010	0.027	0.057	0.027	U
79-01-6	Trichloroethene	0.014	0.022	0.014	0.038	0.059	0.038	U
127-18-4	Tetrachloroethene	0.007	0.022	0.027	0.040	0.125	0.155	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.178	89	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **49**

File: 0603549A.D
Description: 060121-IAQ-HSSB-4B
Can/Tube#: 517
Sam_Type: SA
QC_Batch: 013006-MS1
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/30/06 **Time:** 16:49
Can Dilution Factor: 1.78 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.052	0.062	0.130	0.267	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.014	0.026	0.054	0.030	J
156-60-5	trans-1,2-Dichloroethene	0.024	0.221	0.024	0.176	1.598	0.176	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.017	0.044	0.069	0.046	J
127-18-4	Tetrachloroethene	0.008	0.025	0.029	0.047	0.147	0.171	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.172	86	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **50**

File: 0603550A.D
Description: 060121-IAQ-HSSB-5B
Can/Tube#: 181
Sam_Type: SA
QC_Batch: 012906-MS1
Air Volume: 675 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 18:49
Can Dilution Factor: 1.23 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.018	0.017	0.045	0.093	0.088	J
75-35-4	1,1-Dichloroethene	0.009	0.018	0.013	0.019	0.039	0.027	J
156-60-5	trans-1,2-Dichloroethene	0.017	0.159	0.017	0.126	1.145	0.126	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.018	0.009	0.023	0.048	0.023	U
79-01-6	Trichloroethene	0.012	0.018	0.012	0.032	0.050	0.032	U
127-18-4	Tetrachloroethene	0.006	0.018	0.044	0.034	0.105	0.257	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.169	84	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: *TO-15 SIM* | **Laboratory Number:** 51

File:	0603551A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-6B	**Date Received:**	01/24/06		
Can/Tube#:	700	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	19:28
QC_Batch:	012906-MS1	**Can Dilution Factor:**	1.23		3
Air Volume:	680 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.018	0.027	0.044	0.092	0.137	
75-35-4	1,1-Dichloroethene	0.009	0.018	0.014	0.019	0.039	0.031	J
156-60-5	trans-1,2-Dichloroethene	0.017	0.157	0.017	0.125	1.136	0.125	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.018	0.009	0.023	0.048	0.023	U
79-01-6	Trichloroethene	0.012	0.018	0.012	0.032	0.049	0.032	U
127-18-4	Tetrachloroethene	0.006	0.018	0.006	0.033	0.105	0.033	U

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.165	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 52

File:	0603552A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-7B	**Date Received:**	01/24/06		
Can/Tube#:	759	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	14:24
QC_Batch:	012906-MS3	**Can Dilution Factor:**	1.47		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.010	0.021	0.014	0.052	0.107	0.071	J
75-35-4	1,1-Dichloroethene	0.010	0.021	0.010	0.021	0.045	0.021	U
156-60-5	trans-1,2-Dichloroethene	0.020	0.183	0.020	0.146	1.319	0.146	U
156-59-2	cis-1,2-Dichloroethene	0.010	0.021	0.010	0.027	0.055	0.027	U
79-01-6	Trichloroethene	0.013	0.021	0.021	0.037	0.057	0.058	
127-18-4	Tetrachloroethene	0.007	0.021	0.060	0.039	0.121	0.348	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.206	103	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **53**

File: 0603553A.D
Description: 060121-IAQ-HSSB-8B
Can/Tube#: 175
Sam_Type: SA
QC_Batch: 012906-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 15:09
Can Dilution Factor: 1.23 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.008	0.018	0.023	0.043	0.090	0.117	
75-35-4	1,1-Dichloroethene	0.008	0.018	0.008	0.018	0.037	0.018	U
156-60-5	trans-1,2-Dichloroethene	0.017	0.153	0.017	0.122	1.104	0.122	U
156-59-2	cis-1,2-Dichloroethene	0.008	0.018	0.008	0.022	0.046	0.022	U
79-01-6	Trichloroethene	0.011	0.018	0.033	0.031	0.048	0.090	
127-18-4	Tetrachloroethene	0.006	0.018	0.027	0.033	0.102	0.158	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.212	106	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 54

File:	0603554A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-9B	**Date Received:**	01/24/06		
Can/Tube#:	407	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	15:56
QC_Batch:	012906-MS3	**Can Dilution Factor:**	1.33		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.019	0.009	0.047	0.097	0.047	U
75-35-4	1,1-Dichloroethene	0.009	0.019	0.009	0.019	0.041	0.019	U
156-60-5	trans-1,2-Dichloroethene	0.018	0.165	0.018	0.132	1.194	0.132	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.019	0.009	0.024	0.050	0.024	U
79-01-6	Trichloroethene	0.012	0.019	0.012	0.033	0.052	0.033	U
127-18-4	Tetrachloroethene	0.006	0.019	0.007	0.035	0.110	0.039	J

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.208	104	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 55

File:	0603555A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-10B	**Date Received:**	01/24/06		
Can/Tube#:	725	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	16:42
QC_Batch:	012906-MS3	**Can Dilution Factor:**	1.55		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.022	0.011	0.054	0.113	0.058	J
75-35-4	1,1-Dichloroethene	0.011	0.022	0.011	0.023	0.047	0.023	U
156-60-5	trans-1,2-Dichloroethene	0.021	0.193	0.021	0.154	1.391	0.154	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.022	0.011	0.028	0.058	0.028	U
79-01-6	Trichloroethene	0.014	0.022	0.014	0.039	0.060	0.039	U
127-18-4	Tetrachloroethene	0.007	0.022	0.035	0.041	0.128	0.203	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.200	100	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **56**

File: 0603556A.D
Description: 060121-IAQ-HSSB-11B
Can/Tube#: 602
Sam_Type: SA
QC_Batch: 012906-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 17:28
Can Dilution Factor: 1.37 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.020	0.014	0.048	0.100	0.070	J
75-35-4	1,1-Dichloroethene	0.009	0.020	0.009	0.020	0.042	0.020	U
156-60-5	trans-1,2-Dichloroethene	0.019	0.170	0.019	0.136	1.230	0.136	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.020	0.009	0.025	0.052	0.025	U
79-01-6	Trichloroethene	0.013	0.020	0.028	0.034	0.053	0.078	
127-18-4	Tetrachloroethene	0.006	0.020	0.063	0.036	0.113	0.362	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.198	99	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **57**

File: 0603557A.D
Description: 060121-IAQ-HSSB-12B
Can/Tube#: 754
Sam_Type: SA
QC_Batch: 012506-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 13:41
Can Dilution Factor: 1.73 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.012	0.061	0.126	0.061	U
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.025	0.053	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.215	0.024	0.171	1.553	0.171	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.065	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.016	0.043	0.067	0.043	U
127-18-4	Tetrachloroethene	0.008	0.025	0.023	0.046	0.143	0.132	J

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.223	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

SDG: 206035
Laboratory Number: 58

EPA Method TO-15 SIM GC/MS
Analytical Method: TO-15 SIM

File: 0603558A.D
Description: 060121-IAQ-HSSB-13B
Can/Tube#: 404
Sam_Type: SA
QC_Batch: 012506-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 14:27
Can Dilution Factor: 1.80 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.012	0.063	0.131	0.063	U
75-35-4	1,1-Dichloroethene	0.012	0.026	0.031	0.026	0.055	0.066	
156-60-5	trans-1,2-Dichloroethene	0.025	0.224	0.025	0.178	1.616	0.178	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.033	0.068	0.033	U
79-01-6	Trichloroethene	0.016	0.026	0.017	0.045	0.070	0.045	J
127-18-4	Tetrachloroethene	0.008	0.026	0.081	0.048	0.149	0.470	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.222	111	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **59**

File: 0603559A.D
Description: 060121-IAQ-HSSB-14B
Can/Tube#: 775
Sam_Type: SA
QC_Batch: 012506-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 15:10
Can Dilution Factor: 1.33 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.019	0.021	0.047	0.097	0.106	
75-35-4	1,1-Dichloroethene	0.009	0.019	0.017	0.019	0.041	0.036	J
156-60-5	trans-1,2-Dichloroethene	0.018	0.165	0.018	0.132	1.194	0.132	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.019	0.009	0.024	0.050	0.024	U
79-01-6	Trichloroethene	0.012	0.019	0.016	0.033	0.052	0.045	J
127-18-4	Tetrachloroethene	0.006	0.019	0.022	0.035	0.110	0.128	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.218	109	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **60**

File: 0603560A.D
Description: 060121-IAQ-HSSB-15B
Can/Tube#: 718
Sam_Type: SA
QC_Batch: 012506-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 15:55
Can Dilution Factor: 1.57 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.022	0.078	0.055	0.115	0.398	
75-35-4	1,1-Dichloroethene	0.011	0.022	0.027	0.023	0.048	0.058	
156-60-5	trans-1,2-Dichloroethene	0.022	0.195	0.022	0.155	1.409	0.155	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.022	0.011	0.028	0.059	0.028	U
79-01-6	Trichloroethene	0.014	0.022	0.021	0.039	0.061	0.058	J
127-18-4	Tetrachloroethene	0.007	0.022	0.113	0.042	0.130	0.652	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.209	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 61

File:	0603561A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-16B	**Date Received:**	01/24/06		
Can/Tube#:	417	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	16:38
QC_Batch:	012506-MS3	**Can Dilution Factor:**	1.79		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.049	0.063	0.131	0.252	
75-35-4	1,1-Dichloroethene	0.012	0.026	0.012	0.026	0.055	0.026	U
156-60-5	*trans*-1,2-Dichloroethene	0.025	0.222	0.025	0.177	1.607	0.177	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.026	0.016	0.045	0.070	0.045	U
127-18-4	Tetrachloroethene	0.008	0.026	0.055	0.047	0.148	0.316	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.207	103	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 62

File:	0603562A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-17B	**Date Received:**	01/24/06		
Can/Tube#:	705	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	17:28
QC_Batch:	012506-MS3	**Can Dilution Factor:**	1.25		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.018	0.053	0.044	0.091	0.270	
75-35-4	1,1-Dichloroethene	0.009	0.018	0.009	0.018	0.038	0.018	U
156-60-5	trans-1,2-Dichloroethene	0.017	0.155	0.017	0.124	1.122	0.124	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.018	0.009	0.023	0.047	0.023	U
79-01-6	Trichloroethene	0.011	0.018	0.015	0.031	0.049	0.040	J
127-18-4	Tetrachloroethene	0.006	0.018	0.042	0.033	0.103	0.245	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.219	109	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 63

File:	0603563A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-18B	**Date Received:**	01/24/06		
Can/Tube#:	160	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	18:23
QC_Batch:	012506-MS3	**Can Dilution Factor:**	1.93		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.028	0.051	0.068	0.141	0.259	
75-35-4	1,1-Dichloroethene	0.013	0.028	0.013	0.028	0.059	0.028	U
156-60-5	trans-1,2-Dichloroethene	0.026	0.240	0.026	0.191	1.732	0.191	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.028	0.013	0.035	0.073	0.035	U
79-01-6	Trichloroethene	0.018	0.028	0.018	0.048	0.075	0.048	U
127-18-4	Tetrachloroethene	0.009	0.028	0.024	0.051	0.160	0.140	J

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.217	108	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **64**

File: 0603564A.D
Description: 060121-IAQ-HSSB-19B
Can/Tube#: 418
Sam_Type: SA
QC_Batch: 012506-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 19:52
Can Dilution Factor: 1.79 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.037	0.063	0.131	0.188	
75-35-4	1,1-Dichloroethene	0.012	0.026	0.012	0.026	0.055	0.026	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.222	0.025	0.177	1.607	0.177	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.026	0.197	0.045	0.070	0.536	
127-18-4	Tetrachloroethene	0.008	0.026	0.081	0.047	0.148	0.468	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.223	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **65**

File: 0603565A.D
Description: 060121-IAQ-HSSB-20B
Can/Tube#: 790
Sam_Type: SA
QC_Batch: 012506-MS1
Air Volume: 730 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 15:41
Can Dilution Factor: 1.68 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.023	0.037	0.056	0.118	0.189	
75-35-4	1,1-Dichloroethene	0.011	0.023	0.025	0.024	0.049	0.054	
156-60-5	trans-1,2-Dichloroethene	0.022	0.200	0.022	0.160	1.446	0.160	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.023	0.011	0.029	0.061	0.029	U
79-01-6	Trichloroethene	0.015	0.023	0.042	0.040	0.063	0.114	
127-18-4	Tetrachloroethene	0.007	0.023	0.192	0.043	0.133	1.111	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.159	79	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **66**

File: 0603566A.D
Description: 060121-IAQ-HSSB-21B
Can/Tube#: 770
Sam_Type: SA
QC_Batch: 012506-MS1
Air Volume: 680 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 15:02
Can Dilution Factor: 1.28 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.019	0.036	0.046	0.096	0.185	
75-35-4	1,1-Dichloroethene	0.009	0.019	0.018	0.019	0.040	0.038	J
156-60-5	trans-1,2-Dichloroethene	0.018	0.164	0.018	0.130	1.183	0.130	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.019	0.009	0.024	0.050	0.024	U
79-01-6	Trichloroethene	0.012	0.019	0.015	0.033	0.051	0.040	J
127-18-4	Tetrachloroethene	0.006	0.019	0.234	0.035	0.109	1.355	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.166	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 67

File:	0603567A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-22B	**Date Received:**	01/24/06		
Can/Tube#:	684	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	16:18
QC_Batch:	012506-MS1	**Can Dilution Factor:**	1.64		3
Air Volume:	685 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.024	0.035	0.059	0.122	0.180	
75-35-4	1,1-Dichloroethene	0.011	0.024	0.020	0.025	0.051	0.042	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.208	0.023	0.166	1.504	0.166	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.024	0.011	0.030	0.063	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.015	0.042	0.065	0.042	U
127-18-4	Tetrachloroethene	0.008	0.024	0.107	0.044	0.139	0.618	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.168	84	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **68**

File: 0603568A.D
Description: 060121-IAQ-HSSB-23B
Can/Tube#: 697
Sam_Type: SA
QC_Batch: 012506-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 16:56
Can Dilution Factor: 1.76 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.026	0.052	0.063	0.130	0.266	
75-35-4	1,1-Dichloroethene	0.012	0.026	0.015	0.026	0.054	0.031	J
156-60-5	trans-1,2-Dichloroethene	0.024	0.222	0.024	0.177	1.602	0.177	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.026	0.016	0.044	0.069	0.044	U
127-18-4	Tetrachloroethene	0.008	0.026	0.106	0.047	0.148	0.615	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.165	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **69**

File: 0603569A.D
Description: 060121-IAQ-HSSB-24B
Can/Tube#: 526
Sam_Type: SA
QC_Batch: 012506-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/25/06 **Time:** 17:34
Can Dilution Factor: 1.74 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.043	0.062	0.129	0.221	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.025	0.026	0.054	0.054	
156-60-5	trans-1,2-Dichloroethene	0.024	0.219	0.024	0.175	1.584	0.175	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.016	0.044	0.069	0.044	U
127-18-4	Tetrachloroethene	0.008	0.025	0.072	0.047	0.146	0.419	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.157	79	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: *TO-15 SIM* | **Laboratory Number:** 70

File:	0603570A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-25B	**Date Received:**	01/24/06		
Can/Tube#:	183	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	18:13
QC_Batch:	012506-MS1	**Can Dilution Factor:**	1.26		3
Air Volume:	675 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.019	0.047	0.046	0.095	0.241	
75-35-4	1,1-Dichloroethene	0.009	0.019	0.014	0.019	0.040	0.030	J
156-60-5	trans-1,2-Dichloroethene	0.018	0.162	0.018	0.129	1.173	0.129	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.019	0.009	0.024	0.049	0.024	U
79-01-6	Trichloroethene	0.012	0.019	0.012	0.033	0.051	0.033	U
127-18-4	Tetrachloroethene	0.006	0.019	0.011	0.035	0.108	0.063	J

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.166	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 71

File:	0603571A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-26B	**Date Received:**	01/24/06		
Can/Tube#:	708	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	20:08
QC_Batch:	012506-MS1	**Can Dilution Factor:**	1.73		3
Air Volume:	680 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.037	0.062	0.130	0.189	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.029	0.026	0.054	0.061	
156-60-5	trans-1,2-Dichloroethene	0.024	0.221	0.024	0.176	1.598	0.176	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.092	0.044	0.069	0.250	
127-18-4	Tetrachloroethene	0.008	0.025	0.084	0.047	0.147	0.484	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.159	79	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 72

File:	0603572A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-27B	**Date Received:**	01/24/06		
Can/Tube#:	750	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/25/06	**Time:**	18:54
QC_Batch:	012506-MS1	**Can Dilution Factor:**	1.67		3
Air Volume:	695 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.039	0.059	0.123	0.201	
75-35-4	1,1-Dichloroethene	0.012	0.024	0.015	0.025	0.051	0.031	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.209	0.023	0.167	1.510	0.167	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.030	0.063	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.015	0.042	0.065	0.042	U
127-18-4	Tetrachloroethene	0.008	0.024	0.031	0.044	0.139	0.182	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.162	81	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **73**

File: 0603573A.D
Description: 060121-IAQ-HSSB-28B
Can/Tube#: 184
Sam_Type: SA
QC_Batch: 012606-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/26/06 **Time:** 21:08
Can Dilution Factor: 1.74 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.012	0.061	0.127	0.061	U
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.025	0.053	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.216	0.024	0.172	1.562	0.172	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.029	0.031	0.066	0.077	
79-01-6	Trichloroethene	0.016	0.025	0.016	0.043	0.068	0.043	U
127-18-4	Tetrachloroethene	0.008	0.025	0.029	0.046	0.144	0.169	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.208	104	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **74**

File: 0603574A.D
Description: 060121-IAQ-HSSB-29B
Can/Tube#: 53
Sam_Type: SA
QC_Batch: 012706-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/27/06 **Time:** 12:24
Can Dilution Factor: 1.85 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.026	0.013	0.065	0.135	0.065	U
75-35-4	1,1-Dichloroethene	0.013	0.026	0.013	0.027	0.056	0.027	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.230	0.025	0.183	1.660	0.183	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.026	0.013	0.033	0.070	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.017	0.046	0.072	0.046	U
127-18-4	Tetrachloroethene	0.008	0.026	0.072	0.049	0.153	0.416	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.219	110	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **75**

File: 0603575A.D
Description: 060121-IAQ-HSSB-30B
Can/Tube#: 717
Sam_Type: SA
QC_Batch: 012706-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/27/06 **Time:** 13:08
Can Dilution Factor: 1.84 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.026	0.013	0.064	0.134	0.064	U
75-35-4	1,1-Dichloroethene	0.013	0.026	0.013	0.027	0.056	0.027	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.229	0.025	0.182	1.651	0.182	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.026	0.013	0.033	0.069	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.029	0.046	0.072	0.079	
127-18-4	Tetrachloroethene	0.008	0.026	0.091	0.049	0.152	0.524	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.194	97	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **76**

File: 0603576A.D
Description: 060121-IAQ-HSSB-31B
Can/Tube#: 521
Sam_Type: SA
QC_Batch: 012706-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/27/06 **Time:** 13:53
Can Dilution Factor: 1.69 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.019	0.059	0.123	0.095	J
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.051	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.210	0.023	0.167	1.517	0.167	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.015	0.024	0.063	0.042	0.066	0.173	
127-18-4	Tetrachloroethene	0.008	0.024	0.054	0.045	0.140	0.310	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.210	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **77**

File: 0603577A.D
Description: 060121-IAQ-HSSB-32B
Can/Tube#: 674
Sam_Type: SA
QC_Batch: 012706-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/27/06 **Time:** 14:38
Can Dilution Factor: 1.76 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.039	0.062	0.128	0.201	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.026	0.054	0.026	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.219	0.024	0.174	1.580	0.174	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.066	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.018	0.044	0.068	0.048	J
127-18-4	Tetrachloroethene	0.008	0.025	0.057	0.047	0.145	0.332	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.210	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)

ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 78

File:	0603578A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-33B	**Date Received:**	01/24/06		
Can/Tube#:	910	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/27/06	**Time:**	15:29
QC_Batch:	012706-MS3	**Can Dilution Factor:**	1.79		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	*MDL* ppbv	*RL* ppbv	*Amount* ppbv	*MDL* ug/m3	*RL* ug/m3	*Amount* ug/m3	*Flag*
75-01-4	Vinyl chloride	0.012	0.026	0.039	0.063	0.131	0.199	
75-35-4	1,1-Dichloroethene	0.012	0.026	0.012	0.026	0.055	0.026	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.222	0.025	0.177	1.607	0.177	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.026	0.012	0.032	0.067	0.032	U
79-01-6	Trichloroethene	0.016	0.026	0.023	0.045	0.070	0.063	J
127-18-4	Tetrachloroethene	0.008	0.026	0.045	0.047	0.148	0.262	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.223	111	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **79**

File: 0603579A.D
Description: 060121-IAQ-HSSB-34B
Can/Tube#: 671
Sam_Type: SA
QC_Batch: 012706-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/27/06 **Time:** 16:13
Can Dilution Factor: 1.85 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.026	0.024	0.065	0.135	0.124	J
75-35-4	1,1-Dichloroethene	0.013	0.026	0.013	0.027	0.056	0.027	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.230	0.025	0.183	1.660	0.183	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.026	0.013	0.033	0.070	0.033	U
79-01-6	Trichloroethene	0.017	0.026	0.017	0.046	0.072	0.046	U
127-18-4	Tetrachloroethene	0.008	0.026	0.036	0.049	0.153	0.210	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.231	116	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 80

File:	0603580A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-35B	**Date Received:**	01/24/06		
Can/Tube#:	610	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/27/06	**Time:**	16:59
QC_Batch:	012706-MS3	**Can Dilution Factor:**	1.39		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.010	0.020	0.018	0.049	0.101	0.094	J
75-35-4	1,1-Dichloroethene	0.010	0.020	0.010	0.020	0.042	0.020	U
156-60-5	trans-1,2-Dichloroethene	0.019	0.173	0.019	0.138	1.248	0.138	U
156-59-2	cis-1,2-Dichloroethene	0.010	0.020	0.010	0.025	0.052	0.025	U
79-01-6	Trichloroethene	0.013	0.020	0.089	0.035	0.054	0.243	
127-18-4	Tetrachloroethene	0.006	0.020	0.075	0.037	0.115	0.436	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.212	106	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **81**

File: 0603581A.D
Description: 060121-IAQ-HSSB-36B
Can/Tube#: 738
Sam_Type: SA
QC_Batch: 012706-MS3
Air Volume: 700 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/27/06 **Time:** 17:46
Can Dilution Factor: 1.26 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.009	0.018	0.014	0.044	0.092	0.070	J
75-35-4	1,1-Dichloroethene	0.009	0.018	0.009	0.018	0.038	0.018	U
156-60-5	trans-1,2-Dichloroethene	0.017	0.157	0.017	0.125	1.131	0.125	U
156-59-2	cis-1,2-Dichloroethene	0.009	0.018	0.009	0.023	0.048	0.023	U
79-01-6	Trichloroethene	0.012	0.018	0.012	0.031	0.049	0.031	U
127-18-4	Tetrachloroethene	0.006	0.018	0.034	0.033	0.104	0.194	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.204	102	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 82

File:	0603582A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-37B	**Date Received:**	01/24/06		
Can/Tube#:	701	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/27/06	**Time:**	18:35
QC_Batch:	012706-MS3	**Can Dilution Factor:**	1.65		3
Air Volume:	700 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.024	0.107	0.058	0.120	0.549	
75-35-4	1,1-Dichloroethene	0.011	0.024	0.011	0.024	0.050	0.024	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.205	0.023	0.163	1.481	0.163	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.024	0.011	0.030	0.062	0.030	U
79-01-6	Trichloroethene	0.015	0.024	0.325	0.041	0.064	0.884	
127-18-4	Tetrachloroethene	0.008	0.024	0.043	0.044	0.136	0.249	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.206	103	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 83

File:	0603583A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-38B	**Date Received:**	01/24/06		
Can/Tube#:	161	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	14:06
QC_Batch:	012906-MS1	**Can Dilution Factor:**	1.72		3
Air Volume:	710 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.027	0.059	0.124	0.137	
75-35-4	1,1-Dichloroethene	0.012	0.024	0.012	0.025	0.052	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.023	0.211	0.023	0.168	1.522	0.168	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.016	0.042	0.066	0.042	U
127-18-4	Tetrachloroethene	0.008	0.024	0.035	0.045	0.140	0.203	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.179	90	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 84

File:	0603584A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-39B	**Date Received:**	01/24/06		
Can/Tube#:	412	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	14:45
QC_Batch:	012906-MS1	**Can Dilution Factor:**	1.77		3
Air Volume:	720 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.025	0.060	0.126	0.130	
75-35-4	1,1-Dichloroethene	0.012	0.025	0.012	0.025	0.052	0.025	U
156-60-5	trans-1,2-Dichloroethene	0.024	0.214	0.024	0.170	1.544	0.170	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.031	0.065	0.031	U
79-01-6	Trichloroethene	0.016	0.025	0.084	0.043	0.067	0.227	
127-18-4	Tetrachloroethene	0.008	0.025	0.062	0.046	0.142	0.357	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.183	92	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **85**

File: 0603585A.D
Description: 060121-IAQ-HSSB-40B
Can/Tube#: 640
Sam_Type: SA
QC_Batch: 012906-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 15:29
Can Dilution Factor: 1.53 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.022	0.015	0.054	0.113	0.075	J
75-35-4	1,1-Dichloroethene	0.011	0.022	0.012	0.023	0.047	0.026	J
156-60-5	trans-1,2-Dichloroethene	0.021	0.193	0.021	0.154	1.393	0.154	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.022	0.011	0.028	0.059	0.028	U
79-01-6	Trichloroethene	0.014	0.022	0.053	0.039	0.060	0.145	
127-18-4	Tetrachloroethene	0.007	0.022	0.099	0.041	0.128	0.575	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.184	92	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 86

File:	0603586A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-41B	**Date Received:**	01/24/06		
Can/Tube#:	980	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	16:18
QC_Batch:	012906-MS1	**Can Dilution Factor:**	1.65		3
Air Volume:	721 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.011	0.023	0.012	0.056	0.117	0.061	J
75-35-4	1,1-Dichloroethene	0.011	0.023	0.015	0.023	0.049	0.032	J
156-60-5	trans-1,2-Dichloroethene	0.022	0.199	0.022	0.159	1.438	0.159	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.023	0.011	0.029	0.060	0.029	U
79-01-6	Trichloroethene	0.015	0.023	0.023	0.040	0.062	0.063	
127-18-4	Tetrachloroethene	0.007	0.023	0.654	0.042	0.132	3.783	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.182	91	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **87**

File: 0603587A.D
Description: 060121-IAQ-HSSB-42B
Can/Tube#: 603
Sam_Type: SA
QC_Batch: 012906-MS1
Air Volume: 680 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 16:56
Can Dilution Factor: 1.66 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.024	0.015	0.060	0.125	0.075	J
75-35-4	1,1-Dichloroethene	0.012	0.024	0.016	0.025	0.052	0.033	J
156-60-5	trans-1,2-Dichloroethene	0.023	0.212	0.023	0.169	1.534	0.169	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.024	0.012	0.031	0.064	0.031	U
79-01-6	Trichloroethene	0.016	0.024	0.033	0.043	0.066	0.089	
127-18-4	Tetrachloroethene	0.008	0.024	0.126	0.045	0.141	0.730	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.167	84	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.

EPA Method TO-15 SIM GC/MS | **SDG:** 206035
Analytical Method: TO-15 SIM | **Laboratory Number:** 88

File:	0603588A.D	**Date Sampled:**	01/21/06	**Time:**	
Description:	060121-IAQ-HSSB-43B	**Date Received:**	01/24/06		
Can/Tube#:	42	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	01/29/06	**Time:**	17:34
QC_Batch:	012906-MS1	**Can Dilution Factor:**	1.73		3
Air Volume:	690 ml	**Not Detected Flag:**	U		

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.012	0.025	0.013	0.061	0.128	0.064	J
75-35-4	1,1-Dichloroethene	0.012	0.025	0.014	0.026	0.053	0.030	J
156-60-5	trans-1,2-Dichloroethene	0.024	0.218	0.024	0.174	1.575	0.174	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.025	0.012	0.032	0.066	0.032	U
79-01-6	Trichloroethene	0.016	0.025	0.016	0.044	0.068	0.044	U
127-18-4	Tetrachloroethene	0.008	0.025	0.048	0.046	0.145	0.279	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.178	89	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **89**

File: 0603589A.D
Description: 060121-IAQ-HSSB-44B
Can/Tube#: 25
Sam_Type: SA
QC_Batch: 012906-MS1
Air Volume: 695 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 18:11
Can Dilution Factor: 1.85 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.013	0.027	0.013	0.065	0.136	0.065	U
75-35-4	1,1-Dichloroethene	0.013	0.027	0.016	0.027	0.057	0.033	J
156-60-5	trans-1,2-Dichloroethene	0.026	0.232	0.026	0.185	1.672	0.185	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.027	0.013	0.034	0.070	0.034	U
79-01-6	Trichloroethene	0.017	0.027	0.017	0.046	0.073	0.046	U
127-18-4	Tetrachloroethene	0.009	0.027	0.118	0.049	0.154	0.681	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.173	86	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.

EPA Method TO-15 SIM GC/MS
Analytical Method: **TO-15 SIM**

SDG: **206035**
Laboratory Number: **90**

File: 0603590A.D
Description: TRIP BLANK #2
Can/Tube#: 772
Sam_Type: SA
QC_Batch: 012906-MS1
Air Volume: 690 ml

Date Sampled: 01/21/06 **Time:**
Date Received: 01/24/06
Date Extracted:
Date Analyzed: 01/29/06 **Time:** 21:20
Can Dilution Factor: 1.03 3
Not Detected Flag: U

CAS#	Compound	MDL ppbv	RL ppbv	Amount ppbv	MDL ug/m3	RL ug/m3	Amount ug/m3	Flag
75-01-4	Vinyl chloride	0.007	0.015	0.007	0.037	0.076	0.037	U
75-35-4	1,1-Dichloroethene	0.007	0.015	0.008	0.015	0.032	0.018	J
156-60-5	trans-1,2-Dichloroethene	0.014	0.130	0.014	0.103	0.938	0.103	U
156-59-2	cis-1,2-Dichloroethene	0.007	0.015	0.007	0.019	0.039	0.019	U
79-01-6	Trichloroethene	0.010	0.015	0.010	0.026	0.041	0.026	U
127-18-4	Tetrachloroethene	0.005	0.015	0.007	0.028	0.086	0.038	J

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.165	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)

DATA QUALIFIERS *and* ABBREVIATIONS

ENVIRONMENTAL
Analytical Service, Inc.

Qualifiers

*	See Case Narrative
B	This compound was detected in the blank above the Reporting Limit (RL)
D	This report was calculated from a secondary dilution factor
E	Compound exceeds the calibration range and is an estimated value
J	The amount reported is an estimated value because it is between the Reporting Limit (RL) and the Method Detection Limit (MDL)
F	Higher detection limit due to sample matrix
G	Higher detection limit due to limited sample size
Q	Compound secondary ion ratio qualifiers are outside the standard acceptance criteria
R	Compound secondary retention time (RT) is outside the acceptance criteria for the method
U	Compound is less than the Method Detection Limit (MDL)

Abbreviations

MDL Minimum Detection Limit – Instrument detection limit

The minimum detectable level (MDL) is the lowest concentration of a substance that can be measured with confidence. The MDL is calculated at the 99% confidence level from seven repetitive measurements on a sample whose concentration does not exceed 10 times the estimated MDL (Glasser et. al. 1981; Long and Winefordner, 1983). Generating an MDL study, a sample is prepared in the appropriate matrix with components near the estimated MDL, which is about 3 times the instrument noise level. This sample is run seven consecutive times and the standard deviation (S) is calculated. The MDL is determined using the following formula: MDL = 3.14*S

ND Not Detected – a reported limit

NA Not Applicable

RPD Relative Percent Difference

The relative percent difference for a pair of duplicate samples is calculated from repetitive runs on sample pairs representative of the types of samples that are analyzed. The RPD provides information on the precision or reproducibility of the actual measurement process. The RPD is calculated for a particular compound from the average using the following formula:

$$RPD(\%) = \frac{\text{Difference} * 100}{\text{Average}}$$

RSD Relative Standard Deviation

The relative standard deviation is reported as a percentage deviation at a particular concentration using the following equation:

$$RSD\ (\%) = \frac{S * 100}{\text{Average}}$$

DEFINITIONS

ppbV $= \frac{\text{\# nanomoles cmpd}}{\text{\# moles air}} = \frac{\text{ppbC}}{\text{\# carbons in cmpd}}$

Compound is reported as ppb of compound by Volume

This unit is temperature independent

ug/m^3 $= \text{ppbV} \times \frac{\text{MW compound}}{23.68}$

Compound is reported as ug of a compound in a m^3 of air

23.68 is the molar volume of a gas at 60 $^\circ$ F and 1 atm pressure

MW = molecular weight

This unit is temperature dependent

ppbC = ppbV x # carbons in compound