ANALYTICAL REPORT

ENVIRONMENTAL
Analytical Service, Inc.

EPA Method TO-15 SIM GC/MS **SDG: 206376**
Analytical Method: TO-15 SIM **Laboratory Number: 08**

File:	0637608A.D	**Date Sampled:**	07/27/06	**Time:**	7:10
Description:	IAQ-HS-N110-HVACB24D	**Date Received:**	07/31/06		
Can/Tube#:	739	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	08/04/06	**Time:**	20:54
QC_Batch:	080406-MS1	**Can Dilution Factor:**	1.28		3
Air Volume:	537 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	0.122	0.275	0.025	0.321	0.727	
75-35-4	1,1-Dichloroethene	0.012	0.124	0.023	0.049	0.507	0.094	J
156-60-5	trans-1,2-Dichloroethene	0.048	0.102	0.048	0.195	0.420	0.195	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.124	0.012	0.049	0.507	0.049	U
79-01-6	Trichloroethene	0.031	0.124	0.035	0.171	0.686	0.193	J
127-18-4	Tetrachloroethene	0.031	0.124	0.204	0.217	0.869	1.429	

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:** 206376
Analytical Method: TO-15 SIM | **Laboratory Number:** 09

File:	0637609A.D	**Date Sampled:**	07/27/06	**Time:**	7:30
Description:	IAQ-HS-N215-HVAC-B8	**Date Received:**	07/31/06		
Can/Tube#:	403	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	08/04/06	**Time:**	21:40
QC_Batch:	080406-MS1	**Can Dilution Factor:**	1.31		3
Air Volume:	496 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	0.135	0.011	0.028	0.356	0.028	U
75-35-4	1,1-Dichloroethene	0.013	0.137	0.041	0.054	0.562	0.167	J
156-60-5	trans-1,2-Dichloroethene	0.053	0.114	0.053	0.216	0.465	0.216	U
156-59-2	cis-1,2-Dichloroethene	0.013	0.137	0.052	0.054	0.562	0.213	J
79-01-6	Trichloroethene	0.034	0.137	0.483	0.190	0.760	2.670	
127-18-4	Tetrachloroethene	0.034	0.137	0.800	0.241	0.963	5.606	

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 | **SDG:** 206376
Analytical Method: TO-15 SIM | **Laboratory Number:** 10

File:	0637610A.D	**Date Sampled:**	07/27/06	**Time:**	7:30
Description:	IAQ-HS-N215-HVACB24	**Date Received:**	07/31/06		
Can/Tube#:	164	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	08/06/06	**Time:**	12:45
QC_Batch:	080606-MS1	**Can Dilution Factor:**	1.83		3
Air Volume:	556 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	0.168	0.029	0.035	0.443	0.076	J
75-35-4	1,1-Dichloroethene	0.016	0.171	0.025	0.067	0.700	0.100	J
156-60-5	trans-1,2-Dichloroethene	0.066	0.142	0.066	0.269	0.579	0.269	U
156-59-2	cis-1,2-Dichloroethene	0.016	0.171	0.016	0.067	0.700	0.067	U
79-01-6	Trichloroethene	0.043	0.171	0.161	0.237	0.947	0.889	J
127-18-4	Tetrachloroethene	0.043	0.171	0.643	0.300	1.200	4.511	

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 | **SDG:** 206376
Analytical Method: TO-15 SIM | **Laboratory Number:** 11

File:	0637611A.D	**Date Sampled:**	07/27/06	**Time:**	7:25
Description:	IAQ-HS-NOUT-HVACB8	**Date Received:**	07/31/06		
Can/Tube#:	664	**Date Extracted:**			
Sam_Type:	SA	**Date Analyzed:**	08/06/06	**Time:**	13:27
QC_Batch:	080606-MS1	**Can Dilution Factor:**	2.04		3
Air Volume:	536 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	0.015	0.194	0.015	0.040	0.512	0.040	U
75-35-4	1,1-Dichloroethene	0.019	0.198	0.026	0.078	0.810	0.108	J
156-60-5	trans-1,2-Dichloroethene	0.076	0.164	0.076	0.312	0.670	0.312	U
156-59-2	cis-1,2-Dichloroethene	0.019	0.198	0.019	0.078	0.810	0.078	U
79-01-6	Trichloroethene	0.049	0.198	0.063	0.274	1.095	0.348	J
127-18-4	Tetrachloroethene	0.049	0.198	0.388	0.347	1.387	2.721	

Surrogate Recovery	Spike Amt. ppbV	Amount ppbV	% Rec.	QC Limits	Flag * = Out
Toluene-d8	0.200	0.188	94	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)