Att. 4. ②
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Report on Sampling and Analysis of Ambient Air at the Central Waste Complex

Prepared by **Marcus Stauffer**, SGN Eurisys Services Corporation
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Abstract: Over 160 ambient indoor air samples were collected from warehouses at the Central Waste Complex used for the storage of low-level radioactive and mixed wastes. These grab (SUMMA) samples were analyzed by gas chromatography-mass spectrometry using a modified EPA TO-14 procedure. The data from this survey suggest that several buildings had elevated concentrations of volatile organic compounds.

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Report on Sampling and Analysis of Ambient Air at the Central Waste Complex

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LIST OF TERMS

CWC	Central Waste Complex
GC-MS	gas chromatograph-mass spectrometer
LOI	Letter of Instructions
LFM	Low Flashpoint Modules
MDL	Method Detection Limit
SAP	Sampling and Analysis Plan
SWD	Solid Waste Disposal
SAS	Special Analytical Support
TIC	total ion chromatogram
VOC	volatile organic compounds

1.0 SUMMARY

Special Analytical Studies collected over 160 ambient indoor air samples from warehouses at the Central Waste Complex used for the storage of low-level radioactive and mixed wastes. These grab samples were analyzed by gas chromatography-mass spectrometry using a modified EPA TO-14 procedure. The data suggest that several large buildings had elevated concentrations of volatile organic compounds compared to background ambient air:

- Building 2402 WB had increased levels of chlorinated solvents, such as trichloroethene (117 ppb) and 1,1,1-trichloroethane (29 ppb).
- 2402 WE was dominated by dichloromethane (234 ppb).
- 2402 WF contained natural compounds such as pinene, carene, and limonene.
- 2402 WL had polar compounds such as 4-methyl-2-pentanone ("hexone"; range: 107 to 340 ppb).
- 2403 WA had predominantly dichloromethane (31 to 133 ppb) and 1,1,1-trichloroethane (14-70 ppb).
- 2403WC showed a buildup of dichloromethane (50 to 104 ppb) and tetrachloroethene (21 to 27 ppb).

The small low-flashpoint modules generally had high concentrations of organic compounds in the air space:

- # 1 was dominated by toluene (239 ppb) and ethanol (83 ppb).
- # 2 had 2-butanone ("MEK", 107 ppb) and aromatic compounds such as m- and o-xylene (215 and 59 ppb, respectively), ethylbenzene (65 ppb), and toluene (48 ppb).
- # 5 contained very volatile compounds such as ethanol (137 ppb), hexane (63 ppb), 2-propanol (61 ppb), dichloromethane (37 ppb), and acetone (33 ppb).
- # 7 showed predominantly toluene (220 ppb) and ethanol (158 ppb).
- # 11 had a very high concentration of 2-butanone ("MEK", 1465 ppb), followed by hexane (123 ppb), toluene (96 ppb), and others.
- # 12 contained aromatic compounds such as toluene (83 ppb) and xylenes (10 to 29 ppb).

- # 14 module has three separate chambers which were generally high in volatiles: 2-propanol (1,055 ppb), dichloromethane (479 ppb), carbontetrachloride (256 ppb), toluene (186 to 507 ppb), xylenes (273 to 329 ppb), Freon 113 (190 ppb), and many others.

This study represents an initial screening to establish a baseline for volatile organic compounds at the Central Waste Complex. Additional sampling and analysis cycles are needed to: a) confirm these baseline results; b) study seasonal (temperature) variations in VOCs; c) determine the concentrations of polar VOCs that were not included in the reference standard; and d) increase the number of samples from the buildings to have statistically meaningful information that can be used for emission modeling.

2.0 INTRODUCTION

The Central Waste Complex (CWC) at the Hanford site is a large warehousing complex for storage of containerized low-level radioactive and mixed wastes. The facility consists of four types of buildings (see Figure 1):

- Building 2401 W, a 3000 ft² warehouse for mixed wastes.
- The 2402 W series consists of 12 buildings of 4000 ft² each. They are used for mixed waste storage.
- 2402 WA, WB, WC, and WD. Three of these buildings have 34,000 ft², and 2402 WD has 55,000 ft². All are used for mixed waste storage.
- A group of 24 modules used for low flashpoint mixed waste and alkali metal waste storage. Some of these buildings are empty and presently not in use.
- A group of 8 modules for alkali metal products.

Special Analytical Support (SAS) collected ambient air at the Solid Waste Disposal (SWD) Central Waste Complex (CWC) using evacuated SUMMA¹ (1) canisters. The air samples were analyzed by gas chromatography-mass spectrometry (GC-MS) for volatile organic compounds using a modified EPA protocol (TO-14). Quantitative data for 36 toxic compounds known or suspected of being present in waste managed at the CWC were generated using external standards. Furthermore, for each sample a list was compiled from the mass spectral data that gives tentative identification for all major organic compounds (> 10 ppbv). These qualitative and quantitative results are an initial screening effort to estimate the baseline ambient air quality at CWC. The data from these analyses may be used to estimate the total VOC emissions from the CWC for input into the Hanford Site Air Operating Permit.

This report was requested by Work Order WHC-E35069 "Sampling and Analysis of Ambient Air at the Central Waste Complex." The objectives of the study were detailed in the Letter of Instructions (LOI), issued as an Internal Memorandum, 87600-RDP-96-005 (Pierce 1996). The strategy for collecting and analyzing the air samples was outlined in the Sampling and Analysis Plan (SAP), WHC-SD-WM-WAP-002, Rev. 0 (Lockrem 1996).

¹SUMMA is a trademark of Moleetrics, Inc., Cleveland, Ohio.

Figure 1. Central Waste Complex.

Sampling Locations

3.0 SAMPLING

3.1 SAMPLING EQUIPMENT

Air sampling was done with evacuated SUMMA™ canisters (Rasmussen, Hillsboro, OR). These spherical stainless steel containers (6.0 or 1.8 liters) have an electro-polished interior that is considered chemically inert. The canisters were cleaned by dilution with ultra zero air and evacuation. After cleaning, the canister valve was closed and capped. A new tag was attached to the SUMMA™ canister to show its status, i.e. "cleaned", "QA analyzed", "sampled", "analyzed".

3.2 SAMPLE TYPES

Four types of samples were collected at CWC: static samples from inside the buildings, fence-line samples, ambient air blanks, and trip blanks.

3.2.1 Static Samples

Air samples were taken inside the buildings by opening the valve on the evacuated SUMMA™ canister and exposing it to the ambient atmosphere over a one minute interval. Sampling locations and the number of samples collected varied for each building and are detailed in the SAP. Two different modes of valve activation were used depending on the type of the building: The large 2401, 2402, and 2403-series buildings were sampled by opening the valve about one meter above ground (waist-high). The Low Flashpoint Modules (LFM) were sampled remotely by placing the canister inside the building and after a 2-hour equilibration time, a toggle valve was actuated from outside the module.

3.2.2 Fence-line Samples

Two fence-line samples were collected for each day of sampling, one upwind and one downwind of CWC.

3.2.3 Ambient Air Blanks

Ambient air blanks were collected about one meter upwind and outside the building being sampled. The time of the sampling closely corresponded with the building samples being taken and thus represented the background for these samples. Generally, at least one ambient air blank was collected for each building, except the low flashpoint modules where one blank for every three units was collected.

3.2.4 Trip Blanks

A quality assurance trip blank was used for each sampling day. This canister was carried into the field and returned to the laboratory as an evacuated canister. There it was filled with zero grade air, analyzed, and used as a background reference.

3.3 SAMPLING CHRONOLOGY

Sample collection was documented in a controlled logbook: WHC-N-499 #1, pp. 117-133.

3.3.1 Low Flashpoint Modules

These 24 modules (1-20, A1-A4) were sampled in duplicate. Modules with multiple chambers were generally sampled only in one chamber, with the exception of # 14 where all three chambers were sampled individually. The fan on units with active ventilation (# 19 and 20) was turned off the day before sampling. One background blank was collected for every three low flashpoint modules.

3.3.2 Buildings 2401 W and 2402 W-Series

The ventilation on these 13 buildings was stopped the night prior to sampling to allow a buildup of any volatile organic compounds (VOC). The buildings were sampled in duplicate at two locations: One was near the center of the building, and the second was near the heaviest concentration of stored material in the building. Sampling was done by manually opening the valve about one meter above ground and exposing the canister to the inside atmosphere for at least one minute. One ambient air sample was collected outside and about one meter upwind of the building.

3.3.3 Buildings 2403 WA, WB, WC

The ventilation on these buildings was stopped at least 16 hours before sampling. These large buildings were sampled in duplicate in each quadrant. Two ambient air blanks were collected outside and upwind of the building.

3.3.4 Building 2403 WD

The ventilation on this largest building was stopped 16 hours before sample collection. It was sampled by placing two SUMMA™ canisters (duplicates) in each of six equal sectors in the building. Three ambient air samples were collected about one meter upwind and equidistant from the building.

3.4 QUALITY CONTROLS

After cleaning of the SUMMATM canisters, the canister valve was closed and capped. A new tag was attached to the SUMMATM canister at this stage to show its status, i.e., "cleaned". At least 10 percent of the cleaned cans were filled with zero grade air and analyzed to check for cleanliness. The evacuated cans were shipped to the sampling site, and after sample collection, a unique sample identifier was written on the sample tag as described in the SAP. The filled canisters were then shipped to the laboratory where the pressure was checked to assure complete filling of the can. It was pressurized to 15.0 psi using Ultrapure^{TM2} air.

An upwind and one downwind fence-line sample were collected for each sampling day representing the air entering and exiting CWC. Ambient air blanks were collected about one meter upwind and outside the buildings being sampled. They were taken close to the time of the sampling of each building and thus represent the background for these samples. A quality assurance trip blank was used for each sampling event (day). This canister was carried into the field and returned to the laboratory as an evacuated canister. There it was filled with zero grade air, analyzed, and used as a background reference.

²Ultrapure is a trademark of Scott-Marrin, Riverside, California.

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4.0 ANALYSIS

The air samples were analyzed using a modified EPA procedure TO-14, "Determination of Volatile Organic Compounds in Ambient Air Using SUMMA™ Passivated Canister Sampling and Gas Chromatographic Analysis". A system with a gas chromatograph for compound separation and with mass spectrometer detection optimized for trace level organic analyses was used for qualitative and quantitative measurements.

4.1 ANALYTICAL EQUIPMENT

The GC-MS system consisted of the following components:

Gas Chromatograph:

A Hewlett Packard (Palo Alto, CA) gas chromatograph (GC), model 5890 series II-Plus was fitted with a 6-port sampling valve. The capillary column (DB-5; J & W Scientific, Folsom, CA) had an internal diameter of 0.32 mm, 60 m length, 1.0 mm film thickness, and a helium carrier with 1.5 ml/min flow rate.

Mass Spectrometer:

A Hewlett Packard mass spectrometer (MS), model 5972 MSD was used in the electron impact mode with a scan range from 29-300 amu.

Controlling Software:

HP 3365 HPChem Station for GC control
HP G1034 MSChem for data acquisition and MS control
Wiley 138 and NBS mass spectral libraries for compound identification.

4.2 SAMPLE ANALYSIS

An accurately measured volume of sample gas was drawn from the SUMMA™ canister (100 torr pressure differential, corresponding to about 790 ml of air under standard conditions). The VOCs were condensed on a glass bead filled trap that was cooled to -185 °C (liquid argon). The GC-MS analysis was started by heating the trap to about 85 °C. The trap contents were thus transferred onto the GC column via the GC sampling valve, and refocused on the GC column at -50 °C. After 1 minute, the GC was ramping at 6 °C/min to 180 °C, then heated at 25 °C/min to 250 °C, and finally held at that temperature for 2 minutes.

4.3 COMPOUND IDENTIFICATION AND QUANTITATION

A three-point calibration curve was generated using 1,000 ppbv, 500 ppbv and 100 ppbv standards (Scott-Merrin, Riverside, California). Each standard contained 40 compounds of special concern to SWD but only 36 compounds were used for quantitation of the air samples (see Table 4-1 for the compound list). No comprehensive study was done for this screening study to establish a Method Detection Limit (MDL). However, it was found that 10 ppbv per compound could reproducibly be measured. The MDL was therefore established at 10 ppbv or better. The following 4 compounds did not give reproducible data under the conditions used for the analyses: 2-butoxy ethanol (monobutyl ether ethylene glycol), propane, methanol, and methoxy-2-propanol. However, the presence of these 4 compounds in a sample can still be established from the qualitative mass spectral library searches.

For each sample analyzed, a total ion chromatogram (TIC) was generated which is the sum of the mass spectra over the mass range from 29 to 300 amu. This chromatogram is included in Appendix A for each air sample. The TIC data were further processed by extracting the masses characteristic for each compound used in the calibration. These extracted ion chromatograms were integrated and the area counts used to quantitate the 36 compounds used in the calibration.

In order to identify other compounds in a sample besides the 36 used for the calibration, the TIC data were searched with two library databases (Wiley 138, NBS). The mass spectrum for each compound was compared with the 190,000 spectra in the data bases. A compound was considered tentatively identified if the match quality between the unknown and the library was 70 percent or better. These library searches with tentatively identified compounds are included in Appendix A. It is important to remember that tentatively identified compounds are not necessarily indicative of the presence of these compounds in the sample. It requires at least two independent parameters to confirm the presence of a compound (positive identification). Generally this is done by analyzing a sample of the suspected compound under identical conditions. Compounds on the calibration list were identified positively when: a) the retention time matched, and b) its primary ion was present.

4.4 METHOD MODIFICATIONS

The TO-14 air analysis method was developed by EPA for the measurement of non-polar and slightly polar organic compounds such as halogenated hydrocarbons, aromatics, and paraffinic hydrocarbons. The compound list from CWC included many polar compounds such as 2-propanol, ethanol, methanol, 1-methoxy-propanol, and 2-butoxy ethanol. These compounds are adsorbed on many surfaces, produce poor chromatographic peaks, and are affected by humidity levels. Two modifications of the procedure were made to accommodate polar compounds: The untreated glass beads used for cryogenic trapping of the analytes were replaced with beads with a chemically modified surface (DMCS treated, Alltech, Deerfield, Illinois). Furthermore, the ultra zero air supply was fitted with a humidifier. It

Table 4-1. Precision and Accuracy of CWC Analyses Measured on 500 ppb Calibration Sample. (3 sheets)

CWC_CAL.XLS

FILE NAME *	ISO-BUTANE	VINYL CHLORIDE	ETHANOL	ACETONE	D-PROPANOL	1,1-DICHLOROETHENE	FREON 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	D-BUTANONE	N-HEXANE	1,2-DICHLOROETHENE
41796 3.D	566	452	930	456	605	564	618	493	544	1340	665	478
41996 3.D	443	381	313	210	290	486	603	451	469	629	610	448
41896 3.D	565	453	1293	637	714	559	622	494	540	1328	609	481
42296-3A.D	438	383	121	202	351	477	593	451	458	807	597	447
42396 3.D	520	455	91	132	280	541	689	525	514	576	688	525
51396 3.D	490	425	172	88	195	525	675	501	501	364	683	507
51496 3.D	390	371	587	408	380	488	699	491	460	1043	602	506
51696 3.D	377	347	0	0	0	423	580	420	400	19	509	425
52996 9.D	278	236	13	53	90	362	572	352	340	390	513	380
53196 3.D	779	694	505	475	741	720	877	665	888	1218	754	676
60396 3.D	635	565	638	372	460	597	740	562	582	887	670	571
60496 3.D	633	579	35	203	357	613	760	579	601	829	730	584
60596 9.D	766	662	126	255	392	687	817	623	661	889	815	625
61296 2.D	672	577	1297	637	15	574	687	540	579	985	552	534
61496 4.D	145	134	10	25	56	189	436	193	179	170	228	229
62096 2.D	614	542	285	326	484	587	714	548	582	985	680	545
62496 4.D	632	571	148	255	370	605	737	576	599	847	731	577
62596 2.D	603	513	571	451	584	559	626	506	561	1156	589	499
62796 2.D	766	656	419	390	502	774	992	736	754	1349	1022	742
70996 2.D	598	512	420	290	322	567	644	493	483	564	691	539
71096 2.D	704	624	67	81	83	687	858	621	713	204	965	723
71796 2.D	598	532	342	311	355	556	654	523	538	993	626	517
71796 8.D	551	495	925	506	24	524	632	499	517	825	490	500
72296 2.D	728	622	1033	534	767	576	650	481	461	757	593	557
72396 2.D	549	531	700	485	19	512	678	480	542	692	523	589
72496 13.D	550	500	560	587	42	515	377	499	498	978	472	511
72596 2.D	315	251	927	572	29	510	262	494	500	1058	452	502
Average	552	484	464	331	315	547	659	511	528	810	632	526
Maximum	779	694	1297	637	767	774	992	736	754	1349	1022	742
Minimum	145	134	0	0	0	189	262	193	179	19	228	229
Accuracy (%) ^a	10	-3	-7	-34	-37	9	32	2	6	62	26	5
Standard Dev.	152	134	388	190	236	110	145	98	113	351	154	100
Precision (%) ^b	30	27	78	38	47	22	29	20	23	70	31	20

Notes:

^a Accuracy measured as the percent difference between the "true" (500 ppb) and the average of the measured values

^b Precision measured as the percent standard deviation from the "true" value

^c The file name is derived from the analysis date (MMDDYY) and the run number

Table 4-1. Precision and Accuracy of CWC Analyses Measured on 500 ppb Calibration Sample. (3 sheets)

CWC_CAL.XLS

FILE NAME *	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	N-BUTANOL	TRICHLOROETHENE	4-METHYL-2-PENTANONE	TOLUENE	TETRACHLOROETHENE	1,1,2-TRICHLOROETHANE
41796 3.D	465	493	475	701	785	550	493	550	511	425	526	474	575
41996 3.D	410	360	466	640	675	555	453	480	493	32	490	475	527
41896 3.D	463	586	493	718	758	561	492	362	516	270	525	478	574
42296-3A.D	404	403	459	606	662	526	437	484	496	69	486	463	516
42396 3.D	464	396	533	702	758	610	502	520	581	29	559	534	600
51396 3.D	441	305	501	660	790	580	493	550	554	43	542	513	602
51496 3.D	447	494	516	607	736	590	478	556	548	130	532	529	575
51696 3.D	371	24	438	497	634	507	405	393	481	0	457	446	491
52996 9.D	326	132	351	412	929	518	434	6	470	76	469	471	515
53196 3.D	635	685	698	1051	826	699	655	384	729	395	748	703	761
60396 3.D	519	517	584	871	709	596	554	342	621	311	631	595	643
60496 3.D	519	503	605	899	730	624	574	679	642	242	653	617	660
60596 9.D	554	498	644	1003	810	668	622	764	702	245	706	669	720
61296 2.D	606	615	527	813	680	558	538	575	577	653	599	569	639
61496 4.D	212	85	280	275	546	518	349	258	287	58	297	406	266
62096 2.D	499	533	550	819	726	588	544	196	603	305	608	594	631
62496 4.D	498	441	573	867	712	587	556	686	616	206	631	601	645
62596 2.D	465	529	492	797	650	514	499	549	537	374	556	515	586
62796 2.D	642	606	711	65	1155	850	810	853	844	364	862	831	914
70996 2.D	478	433	537	50	824	633	615	672	676	211	668	609	715
71096 2.D	607	197	709	1062	1044	848	772	824	854	15	842	837	861
71796 2.D	452	431	511	774	649	519	492	500	578	329	558	536	576
71796 8.D	556	547	499	769	605	518	485	500	533	566	545	520	567
72296 2.D	613	610	592	914	710	652	599	633	584	622	649	633	682
72396 2.D	646	624	610	845	641	642	568	530	629	337	646	657	646
72496 13.D	590	564	514	756	580	537	484	487	534	783	558	533	563
72596 2.D	580	552	505	733	578	531	481	483	532	740	558	537	559
Average	499	450	532	700	737	596	533	512	582	290	589	568	615
Maximum	646	685	711	1062	1155	850	810	853	854	783	862	837	914
Minimum	212	24	280	50	546	507	349	6	287	0	297	406	266
Accuracy (%) ^a	0	-10	6	40	47	19	7	2	16	-42	18	14	23
Standard Dev.	101	167	96	252	134	88	99	182	113	224	115	104	119
Precision (%) ^b	20	33	19	50	27	18	20	36	23	45	23	21	24

Notes:^a Accuracy measured as the percent difference between the "true" (500 ppb) and the average of the measured values^b Precision measured as the percent standard deviation from the "true" value^c The file name is derived from the analysis date (MMDDYY) and the run number

Table 4-1. Precision and Accuracy of CWC Analyses Measured on 500 ppb Calibration Sample. (3 sheets)

CWC_CAL.XLS

FILE NAME *	CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	STYRENE	O-XYLENE	1,1,2,2-TETRACHLOROETHANE	1,1,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,2-DICHLOROBENZENE	1,4-DICHLOROBENZENE
41796 3.D	469	506	474	460	505	521	466	458	454	461	445
41996 3.D	460	492	470	465	487	464	444	417	429	442	375
41896 3.D	477	515	485	483	515	525	492	476	455	467	435
42296-3A.D	450	476	452	445	476	454	449	430	430	438	410
42396 3.D	526	557	531	535	558	530	524	505	506	516	477
51396 3.D	501	530	506	490	523	528	495	465	469	477	455
51496 3.D	506	523	508	494	516	503	496	479	487	494	471
51696 3.D	438	456	435	413	443	405	392	326	407	408	351
52996 9.D	436	447	439	358	433	395	299	243	351	355	218
53196 3.D	742	783	748	787	772	746	763	757	740	746	721
60396 3.D	621	658	621	645	646	616	632	606	609	617	598
60496 3.D	650	676	643	670	666	632	653	637	639	640	620
60596 9.D	694	730	689	716	719	682	698	674	682	684	658
61296 2.D	586	607	579	597	605	616	598	584	584	586	589
61496 4.D	300	306	301	274	291	247	280	249	303	304	240
62096 2.D	608	620	594	609	615	602	597	581	597	596	564
62496 4.D	623	653	620	645	643	627	613	584	598	602	547
62596 2.D	549	575	541	559	563	570	545	524	523	530	488
62796 2.D	828	852	841	840	864	844	827	784	809	820	747
70996 2.D	637	682	642	634	655	531	573	538	567	572	508
71096 2.D	820	722	686	535	649	563	513	418	620	591	474
71796 2.D	553	577	538	554	564	512	515	494	507	514	468
71796 8.D	533	560	522	547	549	554	538	531	529	529	536
72296 2.D	641	660	629	645	654	657	646	629	637	636	635
72396 2.D	662	683	660	697	666	650	703	691	694	695	693
72496 13.D	540	568	539	566	556	551	570	565	549	552	568
72596 2.D	544	571	544	573	559	552	576	570	560	561	573
Average	570	592	564	564	581	558	552	526	546	549	514
Maximum	828	852	841	840	864	844	827	784	809	820	747
Minimum	300	306	301	274	291	247	280	243	303	304	218
Accuracy (%) ^a	14	18	13	13	16	12	10	5	9	10	3
Standard Dev.	118	113	109	123	112	113	123	130	115	114	128
Precision (%) ^b	24	23	22	25	22	23	25	26	23	23	26

Notes:^a Accuracy measured as the percent difference between the "true" (500 ppb) and the average of the measured values^b Precision measured as the percent standard deviation from the "true" value^c The file name is derived from the analysis date (MMDDYY) and the run number

was used to purge the sample inlet system with moist, pure air, especially after analyzing a sample rich in polar compounds, and after every calibration sample. These two modifications drastically reduced adsorption of the polars and eliminated carry-over of these compounds.

Samples analyzed before July 1996 sometimes showed polar compounds after analyzing a calibration sample. A blank (dry zero air) run immediately after the calibration sample showed no detectable organic compounds (no carryover). It was found that the humidity in "real" air samples helped to desorb these compounds from the inlet surfaces of the GC-MS. These polar analytes (ethanol, acetone, 2-propanol, 2-butanone, n-butanol, 4-methyl-2-pentanone) were therefore not quantitated before this date and are listed in Table 4-2 as "Detected" when present. The remaining non-polar and moderately polar compounds were not affected in this way and the data are reproducible.

4.5 QUALITY CONTROLS

Sampling Equipment

The sample volumes were determined by measuring the system pressure differential at the beginning and end of the cryogenic trapping using an absolute vacuum gauge. The gauge was calibrated by the WHC Standards Labs (ID # 518-31-04-002); the current calibration expires 5/16/97.

Analytical Equipment

A diagnostic check (High Sensitivity Autotune) of the GC-MS was made daily using the factory tuning standards. Daily baseline blanks using a sample of highly purified air (Ultrapure™ air) were run to verify baseline characteristics.

Calibration Standards

A three-point calibration curve was generated using a primary 1,000 ppbv standard and secondary 500 and 100 ppbv standards (Scott-Merrin, Riverside, California). The 500 ppbv standard was used as an instrument check standard and was analyzed each day during the analysis cycles. The data for this standard are listed in Table 4-1 with accuracy and reproducibility information for each compound. No comprehensive study was done for this screening project to establish a Method Detection Limit (MDL). However, it was found that 10 ppbv per compound could reproducibly be measured. The MDL was therefore established at 10 ppbv or better.

Analysis Records

All entries were recorded into a controlled logbook: WHC-N-1236 # 1, pp. 38-84 .

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Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS						
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION UNITS	ISO-BUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	FREON 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	N-HEXANE
1	SR	FT6045-01.109A	PPB	ND	ND	ND	ND	ND	ND	ND
2	SR	FT6045-02.108A	PPB	ND	ND	ND	ND	6	ND	3
3	SR	FT 6045 03.120A	PPB	ND	ND	ND	ND	ND	ND	ND
4	SR	FT6045-04.121A	PPB	ND	ND	ND	ND	ND	ND	ND
5	SR	FT6045-05.110A	PPB	ND	ND	2	ND	37	ND	63
6	SR	FT 6045 06.122A	PPB	ND	ND	ND	ND	ND	ND	ND
7	SR	FT 6045 07.127A	PPB	ND	ND	ND	ND	3	ND	ND
8	SR	FT6045-08.128A	PPB	ND	ND	ND	ND	ND	ND	ND
9	SR	FT6045-09.117A	PPB	ND	ND	ND	ND	ND	ND	ND
10	SR	FT6045-10.116A	PPB	ND	ND	ND	ND	ND	ND	ND
11	SR	FT6045-11.115A	PPB	ND	ND	ND	4	82	ND	123
12	SR	FT6045-12.129A	PPB	ND	ND	ND	ND	ND	ND	ND
13	SR	FT6045-13.130A	PPB	ND	ND	ND	ND	ND	ND	ND
14 (RIGHT)	SR	FT 6045 14.103 A	PPB	ND	ND	ND	ND	ND	ND	ND
14 (CENTER)	SR	FT 6045 14.104 A	PPB	ND	ND	ND	190	479	ND	ND
14 (LEFT)	SR	FT 6045 14.105 A	PPB	ND	ND	ND	ND	87	ND	5
15	SR	FT 6045 15.102 A	PPB	ND	ND	ND	ND	ND	ND	8
16	SR	FT6045 16.09A	PPB	ND	ND	ND	ND	ND	ND	5
17	SR	FT6045 17.05A	PPB	ND	ND	ND	ND	ND	ND	ND
18	SR	FT6045 18.03a	PPB	ND	ND	ND	ND	ND	ND	ND
19	SR	FT6045 19.02A	PPB	ND	ND	ND	ND	ND	ND	ND
20	SR	FT6045 20.01A	PPB	1	ND	ND	ND	ND	ND	ND
A1	SR	FT6045 A1.11	PPB	ND	ND	ND	ND	ND	ND	ND
A2	SR	FT 6045 A2.10A	PPB	ND	ND	ND	ND	ND	ND	5
A3	SR	FT6045 A3.07A	PPB	ND	ND	ND	ND	ND	ND	10
A4	SR	FT6045 A4.06A	PPB	ND	ND	ND	ND	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
NO	Not detected
D	Detected- not quantitated (see text)

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS										
BUILDING	1,2-DICHLOROETHENE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	239
2	ND	ND	ND	3	ND	ND	ND	9	ND	48
3	ND	4	ND	ND	ND	ND	ND	ND	ND	31
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	4
5	ND	ND	14	ND	ND	3	ND	ND	ND	19
6	ND	ND	ND	ND	ND	ND	ND	ND	ND	4
7	ND	ND	ND	ND	ND	ND	ND	ND	ND	220
8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	ND	ND	25	ND	ND	ND	ND	ND	ND	96
12	ND	ND	ND	ND	ND	ND	ND	ND	ND	83
13	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
14 (RIGHT)	ND	ND	ND	ND	ND	ND	256	42	ND	186
14 (CENTER)	ND	ND	ND	ND	ND	ND	8	ND	ND	247
14 (LEFT)	ND	ND	ND	ND	ND	ND	4	ND	ND	507
15	ND	ND	ND	ND	ND	ND	0	ND	ND	5
16	ND	1	ND	3	ND	ND	ND	ND	ND	4
17	ND	ND	ND	ND	ND	ND	ND	ND	ND	14
18	ND	ND	ND	ND	ND	ND	21	12	ND	20
19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	ND	ND	ND	ND	ND	ND	5	21	ND	ND
A1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A2	ND	ND	3	ND	1	ND	ND	ND	ND	ND
A3	ND	ND	25	ND	3	1	ND	ND	ND	1
A4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS

BUILDING	TETRACHLOROETHENE	CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	STYRENE	O-XYLENE	1,1,2,2-TETRACHLOROETHANE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,2-DICHLOROBENZENE	1,4-DICHLOROBENZENE
1	ND	ND	ND	ND	ND	ND	ND	ND	76	ND	ND	ND
2	ND	ND	65	215	1	59	ND	ND	1	ND	ND	ND
3	ND	ND	2	16	ND	4	ND	7	72	ND	ND	ND
4	ND	ND	4	14	3	4	ND	15	3	ND	ND	ND
5	ND	16	2	6	ND	9	ND	9	2	30	31	30
6	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	ND	ND	1	10	ND	ND	ND	ND	9	ND	ND	ND
8	ND	ND	9	11	ND	5	ND	1	2	ND	ND	ND
9	ND	ND	1	8	ND	7	ND	1	2	ND	ND	ND
10	ND	ND	6	7	ND	5	ND	ND	ND	ND	ND	ND
11	ND	ND	14	46	ND	19	ND	3	8	ND	ND	ND
12	ND	ND	4	29	ND	10	ND	2	13	ND	ND	ND
13	ND	ND	ND	ND	ND	ND	ND	7	6	ND	ND	ND
14 (RIGHT)	ND	ND	12	50	2	14	ND	17	8	ND	ND	ND
14 (CENTER)	ND	ND	19	55	1	14	ND	17	1	ND	ND	ND
14 (LEFT)	ND	ND	42	329	6	273	ND	7	9	ND	ND	ND
15	ND	ND	6	17	0	7	ND	3	2	ND	ND	ND
16	ND	ND	3	5	ND	2	ND	ND	ND	ND	ND	ND
17	ND	ND	ND	ND	ND	ND	ND	10	2	ND	ND	ND
18	ND	ND	1	28	ND	23	ND	ND	5	ND	ND	ND
19	ND	ND	ND	ND	ND	ND	ND	2	1	ND	ND	ND
20	ND	ND	6	7	ND	5	ND	13	1	ND	ND	ND
A1	ND	ND	1	ND	ND	ND	ND	3	ND	ND	ND	ND
A2	ND	ND	1	ND	1	1	ND	8	3	2	2	4
A3	ND	1	2	2	3	2	1	3	5	2	3	4
A4	ND	ND	1	4	ND	2	ND	4	ND	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

BUILDING	POLAR COMPOUNDS						COMMENTS
	ETHANOL	ACETONE	2-PROPANOL	2-BUTANONE	2-BUTANOL	4-METHYL-2-PENTANONE	
1	83	3	ND	ND	ND	ND	
2	17	29	ND	107	9	14	
3	10	5	ND	17	5	12	
4	ND	ND	ND	ND	45	15	AVERAGE OF 2
5	137	33	61	ND	ND	ND	AVERAGE OF 2
6	ND	ND	ND	ND	ND	ND	
7	158	6	ND	21	6	ND	
8	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
9	ND	ND	ND	ND	ND	ND	
10	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
11	ND	54	ND	1465	ND	41	
12	ND	ND	ND	ND	ND	ND	
13	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
14 (RIGHT)	ND	7	8	15	ND	105	AVERAGE OF 2
14 (CENTER)	19	34	1055	20	ND	7	
14 (LEFT)	ND	61	65	30	8	147	
15	ND	5	ND	ND	ND	ND	
16	ND	D	ND	D	ND	D	AVERAGE OF 2
17	ND	ND	ND	ND	D	ND	
18	ND	ND	ND	ND	10	ND	
19	D	D	ND	D	D	D	AVERAGE OF 2
20	ND	ND	ND	ND	D	ND	
A1	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
A2	D	D	D	D	D	D	AVERAGE OF 3
A3	D	D	D	D	D	D	AVERAGE OF 3
A4	ND	ND	ND	ND	ND	ND	

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fence/line sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

21 BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS						
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION UNITS	ISO-BUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	FREON 113	DICHLOROMETHANE	1,1-DICHLORoETHANE	N-HEXANE
17,18,19,20,A3,A4	FL,DW	FT6045_FL04B	PPB	ND	ND	ND	ND	ND	ND	ND
17,18,19,20,A3,A4	TR	FT6045_TR08A	PPB	NA	NA	NA	NA	NA	NA	NA
16,A1,A2	FL,DW	FT6045_FL13A	PPB	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	FL,UW	FT6045_FL13B	PPB	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	TR	FT6045_TR14A	PPB	ND	ND	ND	ND	ND	ND	ND
18,19,20	BK	FT6045_BK15A	PPB	ND	ND	ND	ND	ND	ND	ND
A1, A2,16	BK	FT6045_BK12A	PPB	ND	ND	ND	ND	ND	ND	ND
A3, A4,17	BK	FT6045_BK16A	PPB	ND	ND	ND	ND	ND	ND	58
14,15	BK	FT6045_BK101A	PPB	NA	NA	NA	NA	NA	NA	NA
14,15	FL,DW	FT6045-DW.106A	PPB	ND	ND	ND	ND	ND	ND	ND
14,15	FL,UW	FT6045-UW.106A	PPB	ND	ND	ND	ND	ND	ND	ND
14,15	TR	FT 6045 TR.106 A	PPB	ND	ND	ND	ND	ND	ND	ND
1,2,5	BK	FT6045-BK.111A	PPB	ND	ND	ND	ND	ND	ND	ND
9,10,11	BK	FT6045-BK.118A	PPB	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	FL,UW	FT6045-UW.112A	PPB	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	FL,DW	FT6045-DW.114A	PPB	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	TR	FT6045-TR.113A	PPB	ND	ND	ND	ND	ND	ND	ND
3,4,6	BK	FT6045-BK.124A	PPB	ND	ND	ND	ND	ND	ND	ND
7,8,12	BK	FT6045-BK.131A	PPB	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	FL,UW	FT 6045_UW.124A	PPB	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	FL,DW	FT 6045_DW.125A	PPB	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	TR	FT6045-TR.126A	PPB	ND	ND	ND	ND	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fence/line sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

2) BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS											
BUILDING	1,2-DICHLOROETHENE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,1,2-TRICHLOROETHANE
17,18,19,20,A3,A4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17,18,19,20,A3,A4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18,19, 20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A1, A2,16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A3, A4,17	ND	ND	80	ND	8	5	ND	ND	ND	3	ND
14,15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected: not quantitated (see text)
NA	Not analyzed

Note

Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

21 BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS											
BUILDING	TETRACHLOROETHENE	CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	P-TYRENE	O-XYLENE	1,1,1,2,2-TETRACHLOROETHANE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
17,18,19,20,A3,A4	ND	ND	ND	ND	ND	ND	ND	2	4	ND	ND
17,18,19,20,A3,A4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	8	1	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18,19, 20	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND
A1, A2,16	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
A3, A4,17	ND	3	4	4	8	5	2	8	14	8	15
14,15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12,5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected - not quantitated (see text)
NA	Not analyzed

Note:

Method Detection Limits are 10 ppb or better

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Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

CWC_LFM.XLS

2) BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE B

POLAR COMPOUNDS									
BUILDING	17,18,19,20,A3,A4	ND	ND	ND	ND	ND	ND	ND	ND
	17,18,19,20,A3,A4	NA	NA	NA	NA	NA	NA	NA	NA
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
ETHANOL	A3, A4,17	D	D	D	D	D	D	D	D
	A1, A2,16	ND	ND	ND	ND	ND	ND	ND	ND
	16,19,20	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
	16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND
ACETONE	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND	ND
2-BUTANONE	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-BUTANOL	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
	D	D	D	D	D	D	D	D	D
4-METHYL-2-PENTANONE	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	ND
COMMENTS									

Explanations:

S SUMMA sample

SR SUMMA sample collected by remote control

BK Background sample

FL Fence/line sample

UW/ Upwind

DW/ Downwind

ND Not detected

D Detected- not quantitated (see text)

NA Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2402.XLS

31 2402 BUILDINGS

GENERAL INFORMATION			NON-POLAR AND SLIGHTLY POLAR COMPOUNDS								
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION	ISO-BUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	PERC 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	N-HEXANE	1,2-DICHLOROETHENE
2402 W	S	FT6045_2W.20A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 W	S	FT6045_2W.21A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 W	BK	FT6045_2W.22A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WB	S	FT6045-2WB.40A	PPB	ND	ND	ND	ND	ND	ND	ND	3
2402 WB	S	FT6045-2WB.41A	PPB	ND	ND	ND	ND	ND	ND	ND	2
2402 WB	BK	FT6045-2WB.42ABK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	S	FT6045_2WC.23	PPB	ND	ND	1	ND	ND	ND	27	ND
2402 WC	S	FT6045_2WC.24A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	BK	FT6045_2WC.25 BK	PPB	ND	ND	2	ND	ND	1	20	3
2402 WD	S	FT6045-2WD.43A	PPB	ND	ND	ND	ND	63	ND	ND	ND
2402 WD	S	FT6045_2WD.44A	PPB	NA	NA	NA	NA	NA	NA	NA	NA
2402 WD	BK	FT 6045_2WD.45ABK	PPB	ND	ND	ND	ND	104	ND	ND	ND
2402 WE	S	FT6045_2WE.26A	PPB	ND	ND	ND	ND	231	ND	ND	ND
2402 WE	S	FT6045_2WE.27A	PPB	ND	ND	ND	ND	236	ND	ND	ND
2402 WE	BK	FT6045_2WE.28A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	FT6045-2WF.46A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	FT6045-2WF.47A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	BK	FT 6045_2WF.48ABK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	FT6045_2WG.29	PPB	ND	ND	ND	ND	ND	ND	1	ND
2402 WG	S	FT6045_2WG.30A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	BK	FT6045_2WG.31A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	FT6045-2WH.49A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	FT6045-2WH.50A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	BK	FT6045-2WH.51ABK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	FT6045_2WI.32	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	FT6045_2WI.33A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	BK	FT6045_2WI.34A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WJ	S	FT6045-2WJ.52A	PPB	ND	ND	ND	ND	ND	ND	14	ND
2402 WJ	S	FT6045-2WJ.53A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WJ	BK	FT6045-2WJ.54ABK	PPB	ND	ND	ND	ND	ND	ND	4	ND
2402 WK	S	FT6045_2WK.37A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	S	FT6045_2WK.38A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	BK	FT6045_2WK.39A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	FT 6045_2WL.55A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	FT 6045_2WL.56A	PPB	ND	ND	2	ND	ND	ND	40	ND
2402 WL	BK	FT6045-2WL.57A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WC.WI.	FL UW	FT 6045_FL.35A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WC.WI.	FL DW	FT6045_FL.35B	PPB	ND	ND	1	ND	ND	ND	46	3
W.WC.WE.WC.WI.	TR	FT6045_TR.36A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WC.WI.	FL UW	FT 6045_FL.40A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
R.WD.WF.WH.WI.W	FL UW	FT6045-2LW.58A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
R.WD.WF.WH.WI.W	FL DW	FT 6045_2DW.60A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
R.WI.WF.WH.WI.W	TR	FT6045-TR.59A	PPB	ND	ND	ND	ND	ND	ND	ND	ND

Locations:	S	SUMMA sample
	SR	SUMMA sample collected by remote control
	BK	Background sample
	FL	Fence-line sample
	UW	Upwind
	DW	Downwind
	ND	Not detected
	D	Detected, not quantitated (see text)
	NA	Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2402.XLS

312402.BUILDINGS (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
BUILDING	SAMPLE TYPE	CHLORFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,1,2-TRICHLOROETHANE	TETRACHLOROETHENE
2402 W	S	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
2402 W	S	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
2402 W	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WB	S	ND	ND	24	ND	7	ND	83	ND	ND	ND	ND
2402 WB	S	ND	ND	34	2	ND	11	151	ND	ND	ND	ND
2402 WB	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	S	ND	63	2	5	4	ND	ND	2	2	2	ND
2402 WC	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	BK	1	42	ND	ND	6	ND	ND	3	4	2	ND
2402 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND
2402 WD	S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2402 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	7	ND	ND
2402 WE	S	ND	ND	16	ND	ND	ND	ND	ND	12	ND	ND
2402 WE	S	ND	ND	11	ND	ND	ND	ND	ND	12	ND	ND
2402 WE	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WJ	S	ND	24	ND	6	3	ND	ND	ND	37	ND	ND
2402 WJ	S	ND	ND	ND	ND	ND	ND	ND	ND	22	ND	ND
2402 WJ	BK	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND
2402 WL	S	ND	84	ND	4	ND	ND	5	5	ND	ND	ND
2402 WL	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WL	FL.UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WL	FL.DW	1	61	ND	13	10	ND	ND	5	5	4	ND
W.WC.WE.WG.WL	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WK	FL.UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WE.WH.WJ.W	FL.UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WE.WH.WJ.W	FL.DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WE.WH.WJ.W	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location:	S	SUMMA sample
	SR	SUMMA sample collected by remote control
	BK	Background sample
	FL	Fence-line sample
	UW	Upwind
	DW	Downwind
	ND	Not detected
	D	Detected; not quantitated (see text)
	NA	Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2402.XLS

31.2402 BUILDINGS (continued)

BUILDING	SAMPLE TYPE	NON-POLAR AND SLIGHTLY POLAR COMPOUNDS										1,1,2,2-TETRACHLOROETHANE	1,1,2-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE
		CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	STYRENE	O-XYLENE											
2402 W	S	ND	1	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 W	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 W	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WB	S	ND	2	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WB	S	ND	1	3	1	2	ND	2	5	ND	ND	ND	ND	ND	ND	ND	ND
2402 WB	BK	ND	ND	ND	ND	ND	ND	ND	1	2	ND	ND	ND	ND	ND	ND	ND
2402 WC	S	2	4	4	4	2	3	5	3	4	4	4	4	4	4	4	4
2402 WC	S	ND	2	ND	ND	1	ND	7	1	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	BK	3	3	3	4	4	ND	3	6	3	5	5	5	5	5	5	5
2402 WD	S	ND	2	16	ND	3	ND	3	30	ND	ND	ND	ND	ND	ND	ND	ND
2402 WD	S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2402 WD	BK	ND	3	20	1	4	ND	1	36	ND	ND	ND	ND	ND	ND	ND	ND
2402 WE	S	ND	2	6	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WE	S	ND	3	3	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WE	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	ND	2	3	ND	1	ND	2	1	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	ND	1	3	ND	1	ND	3	1	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	BK	ND	ND	ND	ND	ND	ND	1	1	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	ND	2	ND	ND	1	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	ND	2	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	ND	1	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	ND	ND	ND	ND	ND	ND	ND	26	1	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	BK	ND	ND	ND	ND	ND	ND	3	1	3	ND	ND	ND	ND	ND	ND	ND
2402 WJ	S	2	5	8	7	6	3	5	14	4	6	6	6	6	6	6	6
2402 WJ	S	ND	1	3	ND	2	ND	2	5	ND	ND	ND	ND	ND	ND	ND	ND
2402 WJ	BK	ND	2	ND	3	2	ND	2	7	2	2	3	3	3	3	3	3
2402 WK	S	ND	ND	ND	ND	ND	ND	3	1	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	S	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	ND	2	3	1	2	ND	1	6	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	4	6	7	9	7	2	12	18	9	12	15	15	15	15	15	15
2402 WL	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WI	FL.UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WI	FL.DW	5	6	5	9	6	2	7	13	8	10	12	12	12	12	12	12
W.WC.WE.WG.WI	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WI	FL.UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WI	FL.UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
R.WD.WF.WH.WJ.W	FL.DW	ND	ND	ND	1	ND	ND	6	3	ND	ND	2	2	2	2	2	2
R.WD.WF.WH.WJ.W	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Legend:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fence-line sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected-not quantitated (see list)
 NA Not analyzed

NZL Method Detection Limits are 10 ppt or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2402.XLS

3) 2402 BUILDINGS (continued)

BUILDING	SAMPLE TYPE	POLAR COMPOUNDS						COMMENTS
		ETHANOL	ACETONE	2-PROPANOL	2-BUTANONE	N-BUTANOL	4-METHYL-2-PENTANONE	
2402 W	S	ND	ND	ND	ND	ND	D	
2402 W	S	ND	ND	ND	ND	ND	ND	
2402 W	BK	ND	ND	ND	ND	ND	ND	
2402 WB	S	ND	D	ND	ND	ND	ND	
2402 WB	S	ND	D	ND	D	D	D	
2402 WB	BK	ND	ND	ND	D	D	D	AVERAGE OF 2
2402 WC	S	D	D	D	D	D	D	AVERAGE OF 2
2402 WC	S	ND	ND	D	D	D	D	
2402 WC	BK	D	D	D	D	D	D	AVERAGE OF 2
2402 WD	S	ND	ND	ND	ND	ND	ND	
2402 WD	S	NA	NA	NA	NA	NA	NA	
2402 WD	BK	ND	D	ND	D	D	D	
2402 WE	S	ND	D	ND	ND	ND	D	
2402 WE	S	ND	D	ND	ND	ND	ND	
2402 WE	BK	ND	ND	ND	ND	ND	ND	
2402 WF	S	ND	ND	ND	ND	ND	ND	
2402 WF	S	ND	D	ND	ND	D	ND	
2402 WF	BK	ND	ND	ND	ND	D	D	AVERAGE OF 2
2402 WG	S	ND	D	ND	ND	D	D	AVERAGE OF 2
2402 WG	S	ND	ND	ND	ND	ND	ND	
2402 WG	BK	ND	ND	ND	ND	ND	ND	
2402 WH	S	ND	ND	ND	ND	ND	ND	
2402 WH	S	ND	ND	ND	ND	ND	D	
2402 WH	BK	ND	ND	ND	ND	ND	D	
2402 WI	S	ND	ND	ND	ND	D	D	
2402 WI	S	ND	ND	ND	ND	ND	D	
2402 WI	BK	ND	ND	ND	ND	D	D	
2402 WJ	S	D	D	D	D	D	D	
2402 WJ	S	ND	ND	ND	ND	D	D	
2402 WJ	BK	ND	D	D	D	D	D	
2402 WK	S	ND	ND	ND	ND	D	D	
2402 WK	S	ND	ND	ND	ND	ND	D	
2402 WK	BK	ND	ND	ND	ND	ND	ND	
2402 WI	S	D	D	ND	D	D	D	
2402 WI	S	D	D	D	D	D	D	
2402 WL	BK	ND	ND	ND	ND	ND	ND	
W.WC.WE.WG.WL	FL UW	ND	ND	ND	ND	ND	D	
W.WC.WE.WG.WL	FL DW	D	D	D	D	D	D	
W.WC.WE.WG.WL	TR	ND	ND	ND	ND	ND	ND	
WK	FL UW	ND	ND	ND	ND	ND	ND	NO DOWNWIND
R.WD.WF.WH.WJ.W	FL UW	ND	ND	ND	ND	ND	ND	
R.WD.WF.WH.WJ.W	FL DW	ND	ND	ND	ND	D	D	
R.WD.WF.WH.WJ.W	TR	ND	ND	ND	ND	ND	ND	

Explanations.

S
SR
BK
FL
UW
DW
ND
D
NA

Note

Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2403.X15

4) 2403 BUILDINGS

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS							
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION	ISOBUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	PERCHL 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	N-HEXANE	1,2-DICHLOROETHENE
2403 WA	S	FT6045_3WA.62A	PPB	ND	ND	ND	ND	57	ND	6	ND
2403 WA	S	FT 6045_3WA.63A	PPB	ND	ND	ND	ND	31	ND	17	ND
2403 WA	S	FT6045_3WA.64A	PPB	ND	ND	ND	ND	38	ND	4	ND
2403 WA	S	FT6045_3WA.65A	PPB	ND	ND	ND	ND	133	ND	12	ND
2403 WA	BK	FT6045_3WA.66A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	BK	FT6045_3WA.67A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	TR	FT 6045-TR.69A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	DW	FT6045-DW.72A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	UW	FT6045-UW.73A	PPB	ND	ND	3	ND	ND	1	61	2
2403 WB	S	FT 6045_3WB.94A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	S	FT 6045_3WB.95A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	S	FT 6045_3WB.96A	PPB	ND	ND	ND	ND	ND	ND	3	ND
2403 WB	S	FT 6045_3WB.97A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	BK	FT6045_3WB.98A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	BK	FT 6045_3WB.99A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	TR	FT6045-TR.100A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	S	FT6045_3WC.84A	PPB	ND	ND	ND	ND	57	ND	ND	ND
2403 WC	S	FT 6045_3WC.85A	PPB	ND	ND	ND	ND	63	ND	ND	ND
2403 WC	S	FT 6045_3WC.86A	PPB	ND	ND	ND	ND	104	ND	ND	ND
2403 WC	S	FT6045-3WC.87A	PPB	ND	ND	ND	ND	50	ND	ND	ND
2403 WC	BK	FT 6045_3WC.88A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	BK	FT6045_3WC.89A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT 6045_3WD.75A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT6045_3WD.76A	PPB	ND	ND	ND	ND	3	ND	16	ND
2403 WD	S	FT6045_3WD.77	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT6045_3WD.78A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT6045_3WD.79A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT6045_3WD.80A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	FT6045_3WD.81A bk	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	FT6045_3WD.82A BK	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	FT 6045_3WD.83A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, UW	FT6045-UW.90A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, DW	FT 6045_ DW.91A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	TR	FT 6045-TR.91A	PPB	ND	ND	ND	ND	ND	ND	ND	ND

Explanations:

S	SUNMA sample
SR	SUNMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Note Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2403.XLS

4) 2403 BUILDINGS (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
BUILDING	SAMPLE TYPE	CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	STYRENE	O-XYLENE	1,1,2,2-TETRACHLOROETHANE	1,2,4-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,2-DICHLOROBENZENE	1,4-DICHLOROBENZENE
2403 WA	S	ND	2	5	2	2	1	2	8	2	3	4
2403 WA	S	2	3	5	4	5	3	8	10	9	11	12
2403 WA	S	ND	2	4	1	2	ND	1	5	ND	ND	2
2403 WA	S	2	6	14	3	5	ND	2	6	3	4	3
2403 WA	BK	ND	ND	ND	ND	ND	ND	4	3	ND	ND	ND
2403 WA	BK	ND	1	ND	2	ND	ND	5	2	2	2	2
2403 WA	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	UW	9	10	8	14	9	ND	12	16	14	18	20
2403 WB	S	ND	3	11	ND	5	ND	2	3	ND	ND	ND
2403 WB	S	ND	2	12	ND	5	ND	3	2	ND	ND	ND
2403 WB	S	ND	3	11	ND	5	ND	1	2	ND	ND	ND
2403 WB	S	ND	3	11	ND	5	ND	1	3	ND	ND	ND
2403 WB	BK	ND	ND	ND	ND	2	ND	4	7	ND	ND	2
2403 WB	BK	ND	1	ND	ND	2	ND	3	6	ND	ND	2
2403 WB	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	S	ND	4	8	2	4	ND	2	6	2	2	3
2403 WC	S	ND	2	7	ND	2	ND	ND	3	ND	ND	ND
2403 WC	S	ND	2	7	ND	3	ND	ND	3	ND	ND	ND
2403 WC	S	ND	1	5	ND	2	ND	ND	2	ND	ND	ND
2403 WC	BK	ND	1	ND	2	3	ND	7	18	ND	ND	ND
2403 WC	BK	ND	5	6	6	10	4	23	31	6	6	13
2403 WD	S	ND	2	3	ND	ND	ND	ND	1	ND	ND	ND
2403 WD	S	4	7	8	9	5	ND	5	9	7	10	9
2403 WD	S	ND	2	4	ND	1	ND	1	1	ND	ND	ND
2403 WD	S	ND	1	3	ND	1	ND	ND	2	ND	ND	ND
2403 WD	S	ND	1	4	ND	2	ND	2	4	ND	ND	ND
2403 WD	S	ND	2	3	2	2	ND	1	3	ND	ND	2
2403 WD	BK	ND	ND	ND	ND	1	ND	3	11	ND	ND	3
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	1	2	ND	ND	ND
WC, WD	FL, UW	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
WC, WD	FL, DW	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
WC, WD	TR	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Note. Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2403.XLS

4) 2403 BUILDINGS (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
	SAMPLE TYPE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,1,2-TRICHLOROETHANE	TETRACHLOROETHENE
BUILDING												
2403 WA	S	ND	ND	70	6	ND	ND	ND	ND	7	ND	ND
2403 WA	S	ND	23	14	4	ND	ND	ND	5	9	ND	ND
2403 WA	S	ND	ND	16	ND	ND	ND	ND	ND	8	ND	ND
2403 WA	S	ND	ND	35	3	ND	ND	ND	ND	21	ND	4
2403 WA	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	UW	1	90	ND	9	13	ND	ND	6	8	4	ND
2403 WB	S	ND	ND	ND	ND	ND	8	ND	ND	1	ND	ND
2403 WB	S	ND	ND	ND	ND	ND	20	3	ND	2	ND	ND
2403 WB	S	ND	ND	ND	ND	4	10	4	ND	2	ND	ND
2403 WB	S	ND	ND	ND	ND	ND	10	ND	ND	2	ND	ND
2403 WB	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	S	ND	ND	16	ND	ND	ND	ND	ND	6	ND	27
2403 WC	S	ND	ND	12	ND	ND	ND	ND	ND	4	ND	21
2403 WC	S	ND	ND	15	ND	ND	5	ND	ND	3	ND	21
2403 WC	S	ND	ND	16	ND	ND	0	ND	ND	3	ND	22
2403 WC	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	BK	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
2403 WD	S	ND	34	ND	8	6	ND	ND	2	7	5	0
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fence line sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

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4) 2403 BULLDINGS (continued)

Explanations:

2

SR

BK

6

MAN

AND

GN

①

NA

2.48

0.014

Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2401.xls

A) 2401 BUILDING

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS							
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION	ISO-BUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	FEON 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	N-HEXANE	1,2-DICHLOROETHENE
2401 W	S	FT6045-1W.68A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	S	FT6045-1W.70A	PPB	ND	ND	ND	ND	ND	ND	8	ND
2401 W	BK	FT6045-1W.71A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL DW	FT6045-DW.72A	PPB	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL UW	FT6045-UW.73A	PPB	ND	ND	ND	ND	ND	1	61	2
2401 W	TR	FT 6045-TR.69A	PPB	ND	ND	ND	ND	ND	ND	ND	ND

Explanations:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fenceline sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected- not quantitated (see text)
 NA Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2401.xls

5) 2401 BUILDING (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
BUILDING	SAMPLE TYPE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,1,2-TRICHLOROETHANE	TETRACHLOROETHENE
2401 W	S	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND
2401 W	S	ND	35	ND	1	ND	ND	ND	ND	1	ND	ND
2401 W	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL UW	1	90	ND	9	13	ND	ND	6	8	4	ND
2401 W	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Explanations:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fenceline sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected- not quantitated (see text)
 NA Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2401.xls

5) 2401 BUILDING (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
BUILDING	SAMPLE TYPE	CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	STYRENE	O-XYLENE	1,1,2,2-TETRACHLOROETHA	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,2-DICHLOROBENZENE	1,4-DICHLOROBENZENE
2401 W	S	ND	2	ND	2	2	ND	18	2	2	2	2
2401 W	S	1	3	3	8	3	5	8	16	6	10	10
2401 W	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL UW	9	10	8	14	9	ND	12	18	14	18	20
2401 W	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Note: Method Detection Limits are 10 ppb or better

Table 4-2. GC-MS Data of Air Samples from the Central Waste Complex. (20 sheets)

2401.xls

5) 2401 BUILDING (continued)

POLAR COMPOUNDS								COMMENTS
BUILDING	SAMPLE TYPE	ETHANOL	ACETONE	2-PROPANOL	2-BUTANONE	N-BUTANOL	4-METHYL-2-PENTANONE	
2401 W	S	D	D	D	D	D	D	
2401 W	S	D	D	D	D	D	D	AVERAGE OF 2
2401 W	BK	ND	ND	ND	ND	ND	ND	
2401 W	FL, DW	ND	ND	ND	ND	ND	ND	
2401 W	FL, UW	D	D	D	D	D	D	
2401 W	TR	ND	ND	ND	ND	ND	ND	

Explanations:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fenceline sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected- not quantitated (see text)
 NA Not analyzed

Note: Method Detection Limits are 10 ppb or better

5.0 RESULTS

The following is a compilation of the analysis results from each building based on the quantitative data using external standards (see Tables 2 and 3) and the qualitative library searches of the GC-MS data (see Appendix A) from the SUMMATM grab samples taken at the CWC facility.

5.1 BUILDINGS 2401, 2402, AND 2403

5.1.1 Building 2401

Three samples from two different locations from inside the building were analyzed. The results of the duplicate samples (1W_70 A and B) were averaged in Table 2. The data suggest that only low levels of non-polar and slightly polar organic compounds are present. Some of the grab samples contained tetrahydrofuran (35 ppb) and trimethyl and dichlorobenzenes (2 to 18 ppb). The upwind samples had similar levels of these compounds and they resemble the indoor ambient air. Significant concentrations of polar compounds such as 2-butoxyethanol, 4-methyl-2-pentanone, 1-butanol, and 2-methoxyethanol were detected but the amounts vary between the two sampling locations. The analysis system was at that time not optimized for such polar compounds and the data should be verified with additional sampling in the future.

5.1.2 Building 2402 W

The two samples have very low levels of organic compounds, mostly toluene (2 and 3 ppb). The mass spectral library searches also showed the presence of: 4-methyl-2-pentanone which also was in the background sample; 2-butoxyethanol; and of pinene and 3-carene, similar to compounds from turpentine solvent.

5.1.3 Building 2402 WB

The three samples from two different locations (one duplicate) consistently showed the presence of chlorinated solvents: trichloroethene was dominant (117 ppb average), followed by 1,1,1- trichloroethane (29 ppb), carbon tetrachloride (9 ppb) and 1,2-dichloroethene (3 ppb). The following polar compounds were detected but not quantitated: n-butanol and 4-methyl-2-pentanone (both of which also appeared in the background sample), and 2-butanone. The library searches also indicated that 2-heptanone, benzaldehyde, and 2-butoxyethanol were present in these samples.

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2401.xls

5) 2401 BUILDING

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS							
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION	ISO-BUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	FREON 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	N-HEXANE	1,2-DICHLOROETHENE
2401 W	S	FT6045-1W.68A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	S	FT6045-1W.70A	µg/m ³	ND	ND	ND	ND	ND	ND	31	ND
2401 W	BK	FT6045-1W.71A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL, DW	FT6045-DW.72A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL, UW	FT6045-UW.73A	µg/m ³	ND	ND	ND	ND	ND	4	234	10
2401 W	TR	FT 6045-TR.69A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight of analyte				58.1	62.0	96.0	187.4	84.0	98.0	86.1	96.0
CAS #				75285	75014	75354	75131	75092	75343	110543	156592

Explanations:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fenceline sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected- not quantitated (see text)
 NA Not analyzed

Notes:

- 1) Method Detection Limits are 10 ppb or better
- 2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to µg/m³ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4 (\text{L/mol})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2401.xls

5) 2401 BUILDING (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
BUILDING	SAMPLE TYPE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,1,2-TRICHLOROETHANE	TETRACHLOROETHENE
2401 W	S	ND	ND	ND	ND	ND	ND	ND	ND	7	ND	ND
2401 W	S	ND	113	ND	4	ND	ND	ND	ND	4	ND	ND
2401 W	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL UW	7	288	ND	40	44	ND	ND	37	34	22	ND
2401 W	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight		117.9	72.1	131.9	98.0	78.0	151.9	84.1	129.9	92.1	131.9	163.9
CAS #		67663	109999	71556	107062	71432	56235	110827	79016	108883	79005	127184

Explanations:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fenceline sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected- not quantitated (see text)
 NA Not analyzed

Note:

- 1) Method Detection Limits are 10 ppb or better
- 2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4 (\text{L/mol})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2401.xls

5) 2401 BUILDING (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
BUILDING	SAMPLE TYPE	CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	STYRENE	O-XYLENE	1,1,2,2-TETRACHLOROETHANE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,2-DICHLOROBENZENE	1,4-DICHLOROBENZENE
2401 W	S	ND	8	ND	10	8	ND	97	12	15	15	13
2401 W	S	5	14	14	37	14	37	43	86	39	65	65
2401 W	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL, DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2401 W	FL, UW	43	45	38	66	41	ND	64	88	91	116	130
2401 W	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight		112.0	106.1	106.1	104.1	106.1	165.9	120.1	120.1	146.0	146.0	146.0
CAS #		108907	100414	108383	100425	95476	79345	108678	95636	541731	95501	106467

Explanations:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fenceline sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected- not quantitated (see text)
 NA Not analyzed

Note:

- 1) Method Detection Limits are 10 ppb or better
- 2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4 (\text{L/mol})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2401.xls

5) 2401 BUILDING (continued)

POLAR COMPOUNDS								
BUILDING	SAMPLE TYPE	ETHANOL	ACETONE	2-PROPANOL	2-BUTANONE	N-BUTANOL	4-METHYL-2-PENTANONE	COMMENTS
2401 W	S	D	D	D	D	D	D	
2401 W	S	D	D	D	D	D	D	AVERAGE OF 2
2401 W	BK	ND	ND	ND	ND	ND	ND	
2401 W	FL, DW	ND	ND	ND	ND	ND	ND	
2401 W	FL, UW	D	D	D	D	D	D	
2401 W	TR	ND	ND	ND	ND	ND	ND	
Molecular weight		46.0	58.0	60.1	72.1	74.1	100.1	
CAS #		64175	67641	67630	78933	71363	108101	

Explanations:

S SUMMA sample
 SR SUMMA sample collected by remote control
 BK Background sample
 FL Fenceline sample
 UW Upwind
 DW Downwind
 ND Not detected
 D Detected- not quantitated (see text)
 NA Not analyzed

Note:

- 1) Method Detection Limits are 10 ppb or better
- 2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4 (\text{L/mol})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

3402.XLS

312402 BUILDINGS

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS							
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION	ISOBUTANE	ISOPENTANE	1-CHLOROETHENE	PERC 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	HEXANE	1,1-DICHLOROETHENE
2402 W	S	FT6045_2W.20A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 W	S	FT6045_2W.21A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 W	BK	FT6045_2W.22A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WB	S	FT6045_2WB.40A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	15
2402 WB	S	FT6045_2WB.41A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	14
2402 WB	BK	FT6045_2WB.42A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	S	FT6045_2WC.30	µg/m ³	ND	ND	4	ND	ND	ND	104	ND
2402 WC	S	FT6045_2WC.31A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	BK	FT6045_2WC.32 BK	µg/m ³	ND	ND	4	ND	ND	4	77	13
2402 WD	S	FT6045_2WD.43A	µg/m ³	ND	ND	ND	ND	255	ND	ND	ND
2402 WD	S	FT6045_2WD.44A	µg/m ³	NA	NA	NA	NA	NA	NA	NA	NA
2402 WD	BK	FT6045_2WD.45A BK	µg/m ³	ND	ND	ND	390	ND	ND	ND	ND
2402 WE	S	FT6045_2WE.38A	µg/m ³	ND	ND	ND	ND	84	ND	ND	ND
2402 WE	S	FT6045_2WE.37A	µg/m ³	ND	ND	ND	ND	84	ND	ND	ND
2402 WE	BK	FT6045_2WE.38A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	FT6045_2WF.46A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	FT6045_2WF.47A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	BK	FT6045_2WF.48A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	FT6045_2WG.39	µg/m ³	ND	ND	ND	ND	ND	4	ND	ND
2402 WG	S	FT6045_2WG.30A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	BK	FT6045_2WG.31A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	FT6045_2WH.49A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	FT6045_2WH.50A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	BK	FT6045_2WH.51A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	FT6045_2WI.52	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	FT6045_2WI.53A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	BK	FT6045_2WI.54A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	FT6045_2WI.52A	µg/m ³	ND	ND	ND	ND	ND	ND	54	ND
2402 WI	S	FT6045_2WI.53A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	BK	FT6045_2WI.54A BK	µg/m ³	ND	ND	ND	ND	ND	ND	15	ND
2402 WK	S	FT6045_2WK.37A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	S	FT6045_2WK.38A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	BK	FT6045_2WK.39A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	FT6045_2WL.55A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	FT6045_2WL.56A	µg/m ³	ND	ND	7	ND	ND	ND	154	ND
2402 WL	BK	FT6045_2WL.57A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WC.WI	FL UW	FT6045_FL.55A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WC.WI	FL DW	FT6045_FL.55B	µg/m ³	ND	ND	4	ND	ND	ND	179	14
W.WC.WE.WC.WI	TR	FT6045_TR.36A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WC.WI	WK	FT6045_FL.40A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WF.WH.WI.WI	FL UW	FT6045_FL.55A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WF.WH.WI.WI	FL DW	FT6045_FL.55B	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WF.WH.WI.WI	TR	FT6045_TR.59A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND

Molecular weight of analyte

CAS #

58.1	62.0	96.0	187.4	84.0	98.0	86.1	96.0
75185	75014	73354	73131	75092	73540	110543	156592

Explanations

S SUBAREA sample
 SA SUBAREA sample collected by remote control
 BK Background sample
 FL Functional sample
 UW Upwind
 DW Downwind
 ND Not detected
 O Detected not quantitated (see text)
 NA Not analyzed

NOTES

- Method Detection Limits are 10 ppb or better
- The quantitative analysis results for the larger compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppb. The conversion from ppb to µg/m³ assumes standard temperature and pressure (STP) conditions of 760 mm and 273 K and was calculated from the following equation:

$$\mu\text{g/m}^3 = (\text{ppb} \times 1000) \div [\text{molecular weight of compound (g)} \div 22.4 \text{ (L/mole)}]$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2402.XLS

3) 2402 BUILDINGS (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS																
BUILDING	SAMPLE TYPE	CHLOROFORM	TETRAHYDROFURAN		1,1,1-TRICHLOROETHANE		1,2-DICHLOROETHANE		BENZENE		CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,2-TRICHLOROETHANE	TETRACHLOROETHENE
2402 W	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND
2402 W	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9	ND	ND
2402 W	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WB	S	ND	ND	143	ND	ND	46	ND	481	ND	ND	ND	ND	ND	ND	ND
2402 WB	S	ND	ND	199	11	ND	74	ND	876	ND	ND	ND	ND	ND	ND	ND
2402 WB	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	S	ND	203	12	22	14	ND	ND	12	8	12	ND	ND	ND	ND	ND
2402 WC	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WC	BK	ND	135	ND	ND	21	ND	ND	17	16	13	ND	ND	ND	ND	ND
2402 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	ND	ND
2402 WD	S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2402 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	ND	ND
2402 WE	S	ND	ND	92	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	ND	ND
2402 WE	S	ND	ND	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	ND	ND
2402 WE	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WF	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WG	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WH	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WI	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WJ	S	ND	78	ND	24	12	ND	ND	ND	ND	ND	ND	ND	152	ND	ND
2402 WJ	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	89	ND	ND
2402 WJ	BK	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WK	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2402 WL	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
2402 WL	S	ND	220	ND	16	24	ND	ND	27	20	ND	ND	ND	ND	ND	ND
2402 WL	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WI.	FL UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WI.	FL DW	8	195	ND	38	35	ND	ND	32	23	38	ND	ND	ND	ND	ND
W.WC.WE.WG.WI.	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
W.WC.WE.WG.WI.	FL UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WF.WH.WJ.W	FL UW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WF.WH.WJ.W	FL DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B.WD.WF.WH.WJ.W	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight		117.9	72.1	131.9	98.0	78.0	151.9	84.1	128.9	92.1	131.9	163.9				
CAS #		67663	109999	71556	107062	71432	56233	110677	79916	106863	79005	127184				

Substrates	S	SURMA sample
SR	SR	SURMA sample collected by remote control
BK	BK	Background sample
FL	FL	Flare sample
UW	UW	Upland
DW	DW	Downwind
ND	ND	Not detected
D	D	Detected but not quantitated (see text)
NA	NA	Not analyzed

NOTES:

- Method Detection Limits are 10 µg/m³ or better.
- The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in µg/m³. The correction from µg/m³ to µg/m³ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{ppm} \times 1000}{\text{MW}} \times \frac{\text{mol wt. of compound}}{22.4 \text{ (liters)}}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2402.XLS

3) 2402 BUILDINGS (continued)

BUILDING	SAMPLE TYPE	POLAR COMPOUNDS						COMMENTS
		ETHANOL	ACETONE	2-PROPANOL	2-BUTANONE	3-BUTANOL	4-METHYL-2-PENTANONE	
2402 W	S	ND	ND	ND	ND	ND	D	
2402 W	S	ND	ND	ND	ND	ND	ND	
2402 W	BK	ND	ND	ND	ND	ND	ND	
2402 WB	S	ND	D	ND	ND	ND	ND	
2402 WB	S	ND	D	ND	D	D	D	
2402 WB	BK	ND	ND	ND	ND	D	D	
2402 WC	S	D	D	D	D	D	D	AVERAGE OF 2
2402 WC	S	ND	ND	D	D	D	D	
2402 WC	BK	D	D	D	D	D	D	AVERAGE OF 2
2402 WD	S	ND	ND	ND	ND	ND	ND	
2402 WD	S	NA	NA	NA	NA	NA	NA	
2402 WD	BK	ND	D	ND	D	D	D	
2402 WE	S	ND	D	ND	ND	ND	D	
2402 WE	S	ND	D	ND	ND	ND	ND	
2402 WE	BK	ND	ND	ND	ND	ND	ND	
2402 WF	S	ND	ND	ND	ND	ND	ND	
2402 WF	S	ND	D	ND	ND	D	ND	
2402 WF	BK	ND	ND	ND	ND	D	D	AVERAGE OF 2
2402 WG	S	ND	D	ND	ND	D	D	AVERAGE OF 2
2402 WG	S	ND	ND	ND	ND	ND	ND	
2402 WG	BK	ND	ND	ND	ND	ND	ND	
2402 WH	S	ND	ND	ND	ND	ND	ND	
2402 WH	S	ND	ND	ND	ND	ND	D	
2402 WH	BK	ND	ND	ND	ND	ND	D	
2402 WI	S	ND	ND	ND	ND	D	D	
2402 WI	S	ND	ND	ND	ND	ND	D	
2402 WI	BK	ND	ND	ND	ND	D	D	
2402 WI	S	ND	ND	ND	ND	D	D	
2402 WI	BK	ND	D	D	D	D	D	
2402 WK	S	ND	ND	ND	ND	D	D	
2402 WK	S	ND	ND	ND	ND	ND	D	
2402 WK	BK	ND	ND	ND	ND	ND	ND	
2402 WL	S	D	D	ND	D	D	D	
2402 WL	S	D	D	D	D	D	D	
2402 WL	BK	ND	ND	ND	ND	ND	ND	
W.WC.WE.WG.WI	FL UW	ND	ND	ND	ND	ND	D	
W.WC.WE.WG.WI	FL DW	D	D	D	D	D	D	
W.WC.WE.WG.WI	TR	ND	ND	ND	ND	ND	ND	
W.WC	FL UW	ND	ND	ND	ND	ND	ND	NO DOWNWIND
B.WD.WF.WH.WI.WL	FL UW	ND	ND	ND	ND	ND	ND	
B.WD.WF.WH.WI.WL	FL DW	ND	ND	ND	ND	D	D	
B.WD.WF.WH.WI.WL	TR	ND	ND	ND	ND	ND	ND	
Molecular weight		46.0	58.0	60.1	72.1	74.1	100.1	
CAS #		64175	67641	67630	78933	71363	100101	

SubM	SubM sample
BR	SubM sample collected by remote control
BK	Background sample
FL	Fieldline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected not quantitated (see text)
NA	Not analyzed

10261

1) Method Detection Limits are 10 ppb or better.

2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to

µgm assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{gm} = \frac{\text{ppbv} \times 1000 \times \text{mole wt. of compound (g)}}{22.4 \text{ (L/mole)}}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2403.XLS

4) 2403 BUILDINGS

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS							
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION	ISO-BUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	FREON 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	n-HEXANE	1,2-DICHLOROETHENE
2403 WA	S	FT6045-3WA.62A	µg/m ³	ND	ND	ND	ND	214	ND	24	ND
2403 WA	S	FT 6045-3WA.63A	µg/m ³	ND	ND	ND	ND	115	ND	64	ND
2403 WA	S	FT6045-3WA.64A	µg/m ³	ND	ND	ND	ND	142	ND	16	ND
2403 WA	S	FT6045-3WA.65A	µg/m ³	ND	ND	ND	ND	500	ND	48	ND
2403 WA	BK	FT6045-3WA.66A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	BK	FT6045-3WA.67A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	TR	FT 6045-TR.69A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	DW	FT6045-DW.72A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	UW	FT6045-UW.73A	µg/m ³	ND	ND	12	ND	ND	6	234	10
2403 WB	S	FT 6045-3WB.94A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	S	FT 6045-3WB.95A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	S	FT 6045-3WB.96A	µg/m ³	ND	ND	ND	ND	ND	ND	13	ND
2403 WB	S	FT 6045-3WB.97A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	BK	FT6045-3WB.98A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	BK	FT 6045-3WB.99A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	TR	FT6045-TR.100A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	S	FT6045-3WC.84A	µg/m ³	ND	ND	ND	ND	214	ND	ND	ND
2403 WC	S	FT 6045-3WC.85A	µg/m ³	ND	ND	ND	ND	237	ND	ND	ND
2403 WC	S	FT 6045-3WC.86A	µg/m ³	ND	ND	ND	ND	389	ND	ND	ND
2403 WC	S	FT 6045-3WC.87A	µg/m ³	ND	ND	ND	ND	189	ND	ND	ND
2403 WC	BK	FT 6045-3WC.88A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	BK	FT6045-3WC.89A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT 6045-3WD.75A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT6045-3WD.76A	µg/m ³	ND	ND	ND	ND	10	ND	62	ND
2403 WD	S	FT 6045-3WD.77	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT 6045-3WD.78A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT 6045-3WD.79A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	S	FT 6045-3WD.80A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WL	BK	FT6045-3WD.81A bk	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	FT6045-3WD.82A BK	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	FT 6045-3WD.83A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, UW	FT6045-UW.90A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, DW	FT 6045-DW.91A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	TR	FT 6045-TR.91A	µg/m ³	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight of analyte				58.1	78.04	96.9	187.4	85.0	86.1	86.0	96.9
				7385	7504	7354	7313	7599	7335	11954	15699

Molecular weight of analyte

CAS #

58.1	62.0	96.0	187.4	84.0	98.0	86.1	96.0
75285	75014	73354	75131	75092	75343	110543	156592

Explanation:

S SUMMA sample
SR SUMMA sample collected by remote control
BK Background sample
FL Fenceline sample
UW Upwind
DW Downwind
ND Not detected
D Detected, not quantitated (see text)
NA Not analyzed

Notes:

- Method Detection Limits are 10 ppb or better.
- The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to µg/m³ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g/m}^3 = \text{conc. in ppbv} \times \frac{\text{mol wt. of compound (g)}}{22.4 (\text{L/mol})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2403.XLS

4) 2403 BUILDINGS (continued)

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS												
BUILDING	SAMPLE TYPE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,1,2-TRICHLOROETHANE	TETRACHLOROETHENE
2403 WA	S	ND	ND	412	26	ND	ND	ND	ND	29	ND	ND
2403 WA	S	ND	73	80	16	ND	ND	ND	27	36	ND	ND
2403 WA	S	ND	ND	94	ND	ND	ND	ND	ND	32	ND	ND
2403 WA	S	ND	ND	208	12	ND	ND	ND	ND	85	ND	29
2403 WA	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	UW	7	288	ND	40	44	ND	ND	37	54	23	ND
2403 WB	S	ND	ND	ND	ND	ND	56	ND	ND	6	ND	ND
2403 WB	S	ND	ND	ND	ND	ND	136	11	ND	8	ND	ND
2403 WB	S	ND	ND	ND	ND	14	71	14	ND	9	ND	ND
2403 WB	S	ND	ND	ND	ND	ND	70	ND	ND	7	ND	ND
2403 WB	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WB	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	S	ND	ND	94	ND	ND	ND	ND	ND	24	ND	195
2403 WC	S	ND	ND	73	ND	ND	ND	ND	ND	16	ND	151
2403 WC	S	ND	ND	89	ND	ND	34	ND	ND	14	ND	154
2403 WC	S	ND	ND	94	ND	ND	ND	ND	ND	11	ND	158
2403 WC	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	BK	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	8	ND	ND
2403 WD	S	ND	109	ND	35	21	ND	ND	12	29	29	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND
2403 WD	S	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, LW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	FL, DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WC, WD	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight		117.9	72.1	131.9	98.0	78.0	151.9	84.1	129.9	92.1	131.9	183.9
CAS #		67663	109999	71556	107062	71432	56226	110827	79016	108863	79005	127184

Explanations:

S	SUMMA sample
BR	SUMMA sample collected by remote control
BK	Background sample
FL	Faucet/sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected, not quantitated (see text)
NA	Not analyzed

Notes:

- Method Detection Limits are 10 ppb or better.
- The quantitative analyses results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound}}{22.4 (\text{liters})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

2403.XLS

41 2403 BUILDINGS (continued)

BUILDING	SAMPLE TYPE	NON-POLAR AND SLIGHTLY POLAR COMPOUNDS									
		CHLOROBENZENE	ETHYLBENZENE	XYLENE	STYRENE	OXYLENE	1,1,2,2-TETRACHLOROETHANE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,5-DICHLOROBENZENE
2403 WA	S	ND	24	20	22	20	41	53	61	99	75
2403 WA	S	8	16	26	20	22	20	41	53	61	99
2403 WA	S	ND	8	18	4	9	ND	7	29	ND	ND
2403 WA	S	8	30	68	15	25	ND	8	30	16	23
2403 WA	BK	ND	ND	ND	ND	ND	ND	23	15	ND	ND
2403 WA	BK	ND	7	ND	9	ND	ND	28	12	14	15
2403 WA	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	DW	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WA	UW	43	45	38	66	41	ND	64	88	91	116
2403 WB	S	ND	14	34	ND	23	ND	11	14	ND	ND
2403 WB	S	ND	12	57	ND	22	ND	16	10	ND	ND
2403 WB	S	ND	13	33	ND	23	ND	7	13	ND	ND
2403 WB	S	ND	15	34	ND	23	ND	6	16	ND	ND
2403 WB	BK	ND	ND	ND	ND	9	ND	22	36	ND	ND
2403 WB	BK	ND	5	ND	ND	11	ND	17	31	ND	ND
2403 WB	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WC	S	ND	18	40	12	19	ND	9	35	13	16
2403 WC	S	ND	9	33	ND	11	ND	ND	18	ND	ND
2403 WC	S	ND	8	34	ND	13	ND	ND	19	ND	ND
2403 WC	S	ND	7	24	ND	10	ND	ND	13	ND	ND
2403 WC	BK	ND	7	ND	7	15	ND	39	95	ND	ND
2403 WC	BK	ND	23	30	28	46	30	125	168	41	37
2403 WD	S	ND	12	14	ND	ND	ND	7	ND	ND	ND
2403 WD	S	20	33	38	42	24	ND	27	48	65	59
2403 WD	S	ND	8	19	ND	5	ND	5	5	ND	ND
2403 WD	S	ND	6	16	ND	6	ND	ND	9	ND	ND
2403 WD	S	ND	7	20	ND	8	ND	8	20	ND	ND
2403 WD	S	ND	9	15	8	9	ND	7	16	ND	ND
2403 WD	BK	ND	ND	ND	ND	6	ND	16	57	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2403 WD	BK	ND	ND	ND	ND	ND	ND	7	13	ND	ND
WC, WD	FL, UW	ND	ND	ND	ND	ND	ND	ND	8	ND	ND
WC, WD	FL, DW	ND	ND	ND	ND	ND	ND	ND	9	ND	ND
WC, WD	TR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight		112.0	106.1	106.1	104.1	106.1	185.9	120.1	146.0	146.0	146.0
CAS #		108907	100414	108383	100425	95476	79945	108678	95636	541731	95501

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fence-line sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected - not quantitated (see text)
NA	Not analyzed

Notes:

- Method Detection Limits are 10 ppb or better
- The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4 (\text{L/mol})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex: Concentrations in Microgram/Meter.³ (20 sheets)

2403.XLS

41 2403 BUILDINGS (continued)

POLAR COMPOUNDS							
BUILDING	SAMPLE TYPE	METHANOL	ACETONE	2-PROPANOL	2-BUTANONE	N-BUTANOL	4-METHYL-2-PENTANONE
2403 WA	S	ND	D	ND	D	D	D
2403 WA	S	D	D	D	D	D	D
2403 WA	S	ND	D	ND	ND	ND	ND
2403 WA	S	D	D	D	D	D	D
2403 WA	BK	ND	ND	ND	ND	ND	ND
2403 WA	BK	ND	ND	ND	ND	D	D
2403 WA	TR	ND	ND	ND	ND	ND	ND
2403 WA	DW	ND	ND	ND	ND	ND	ND
2403 WA	UW	D	D	D	D	D	D
2403 WB	S	ND	13	ND	ND	ND	ND
2403 WB	S	10	9	ND	ND	ND	ND
2403 WB	S	ND	11	ND	ND	13	ND
2403 WB	S	ND	19	ND	ND	ND	ND
2403 WB	BK	ND	ND	ND	ND	ND	ND
2403 WB	BK	ND	ND	ND	ND	ND	ND
2403 WB	TR	ND	ND	ND	ND	ND	ND
2403 WC	S	D	D	D	D	D	D
2403 WC	S	ND	D	D	ND	ND	ND
2403 WC	S	ND	D	D	ND	ND	ND
2403 WC	S	ND	D	D	ND	ND	D
2403 WC	BK	ND	D	ND	ND	D	D
2403 WC	BK	ND	D	ND	ND	D	D
2403 WD	S	ND	ND	ND	ND	ND	ND
2403 WD	S	D	D	D	D	D	D
2403 WD	S	ND	ND	ND	ND	D	D
2403 WD	S	ND	D	ND	ND	D	D
2403 WD	S	ND	ND	ND	ND	ND	D
2403 WD	S	ND	ND	ND	ND	D	D
2403 WD	BK	ND	ND	ND	ND	ND	D
2403 WD	BK	ND	ND	ND	ND	ND	40
2403 WD	BK	ND	ND	ND	ND	ND	D
WC, WD	FL, LW	ND	ND	ND	ND	ND	D
WC, WD	FL, DW	ND	ND	ND	ND	ND	D
WC, WD	TR	ND	ND	ND	ND	ND	ND
Molecular weight		46.0	58.0	60.1	72.1	74.1	100.1
CAS #		64175	67641	67630	78933	71363	108101

Explanations

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenestration sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected; not quantitated (see text)
NA	Not analyzed

NOTES

- Method Detection Limits are 10 ppb or better
- The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4 (\text{L/mol})}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

Ifm background

2) BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

GENERAL INFORMATION				NON-POLAR AND SLIGHTLY POLAR COMPOUNDS						
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION UNITS	ISO-BUTANE	VINYL CHLORIDE	1,1-DICHLOROETHENE	FREON 113	DICHLOROMETHANE	1,1-DICHLOROETHANE	N-HEXANE
17,18,19,20,A3,A4	FL,DW	FT6045_FL04B	µg/m ³	ND	ND	ND	ND	ND	ND	ND
17,18,19,20,A3,A4	TR	FT6045_TR08A	µg/m ³	NA	NA	NA	NA	NA	NA	NA
16,A1,A2	FL,DW	FT6045_FL13A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	FL,UW	FT6045_FL13B	µg/m ³	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	TR	FT6045_TR14A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
18,19,20	BK	FT6045_BK15A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
A1,A2,16	BK	FT6045_BK12A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
A3,A4,17	BK	FT6045_BK16A	µg/m ³	ND	ND	ND	ND	ND	ND	223
14,15	BK	FT6045_BK101A	µg/m ³	NA	NA	NA	NA	NA	NA	NA
14,15	FL,DW	FT6045-DW106A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
14,15	FL,UW	FT6045-UW106A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
14,15	TR	FT6045_TR106A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
1,2,5	BK	FT6045-BK111A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
9,10,11	BK	FT6045-BK118A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	FL,UW	FT6045-UW112A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	FL,DW	FT6045-DW114A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	TR	FT6045-TR113A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
3,4,6	BK	FT6045-BK124A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
7,8,12	BK	FT6045-BK131A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	FL,UW	FT6045-UW124A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	FL,DW	FT6045-DW125A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	TR	FT6045-TR126A	µg/m ³	ND	ND	ND	ND	ND	ND	ND
Molecular weight of analyte				58.1	62.0	96.0	187.4	84.0	98.0	86.1
CAS #				75285	75014	75354	75131	75092	75343	110543

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected: not quantitated (see text)
NA	Not analyzed

Notes:

- Method Detection Limits are 10 ppb or better
- The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to µg/m³ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \text{conc. in ppbv} \times \text{mol wt. of compound (g)}$$

22.4

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

lfm background

2) BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS											
BUILDING	1,2-DICHLOROETHENE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	TOLUENE	1,1,2-TRICHLOROETHANE
17,18,19,20,A3,A4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17,18,19,20,A3,A4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18,19, 20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A1, A2,16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A3, A4,17	ND	ND	256	ND	33	17	ND	ND	ND	12	ND
14,15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight	96.0	117.9	72.1	131.9	98.0	78.0	151.9	84.1	129.9	92.1	131.9
CAS #	156592	67663	109999	71556	107062	71432	56235	110827	79016	108883	79005

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Notes

- 1) Method Detection Limits are 10 ppb or better
- 2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \text{conc. in ppbv} \times \text{mol wt. of compound (g)} \\ 22.4$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

Ifm background

21 BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

	NON-POLAR AND SLIGHTLY POLAR COMPOUNDS											
BUILDING	TETRACHLOROETHENE	CHLOROBENZENE	ETHYLBENZENE	M-XYLENE	STYRENE	O-XYLENE	1,1,2,2-TETRACHLOROETHA	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,2-DICHLOROBENZENE
17,18,19,20,A3,A4	ND	ND	ND	ND	ND	ND	ND	9	19	ND	ND	ND
17,18,19,20,A3,A4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	42	7	ND	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	37	ND	ND	ND	ND
16,A1,A2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18,19,20	ND	ND	ND	ND	ND	ND	ND	22	ND	ND	ND	ND
A1, A2,16	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	ND
A3, A4,17	ND	15	21	18	35	25	14	45	77	53	96	67
14,15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14,15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7,8,12	ND	ND	ND	ND	ND	ND	ND	9	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molecular weight	163.9	112.0	106.1	106.1	104.1	106.1	165.9	120.1	120.1	146.0	146.0	146.0
CAS #	127184	108907	100414	108383	100425	95476	79345	108678	95636	541731	95901	106467

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Notes:

- Method Detection Limits are 10 ppb or better
- The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \text{conc. in ppbv} \times \frac{\text{mol wt. of compound (g)}}{22.4}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

1fm background

2) BACKGROUND BLANKS FOR LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

BUILDING	POLAR COMPOUNDS						COMMENTS
	ETHANOL	ACETONE	2-PROPANOL	2-BUTANONE	N-BUTANOL	4-METHYL-2-PENTANONE	
17,18,19,20,A3,A4	ND	ND	ND	ND	D	D	
17,18,19,20,A3,A4	NA	NA	NA	NA	NA	NA	
16,A1,A2	ND	ND	ND	ND	D	ND	
16,A1,A2	ND	ND	ND	ND	ND	ND	
16,A1,A2	ND	ND	ND	ND	ND	ND	
18,19, 20	ND	ND	ND	ND	ND	ND	
A1, A2,16	ND	ND	ND	ND	D	D	
A3, A4,17	D	D	D	D	D	D	
14,15	NA	NA	NA	NA	NA	NA	
14,15	ND	ND	ND	ND	ND	ND	
14,15	ND	ND	5	ND	93	51	
14,15	ND	ND	ND	ND	ND	ND	
1,2,5	ND	ND	ND	ND	ND	ND	
9,10,11	ND	ND	ND	ND	ND	ND	
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	
1,2,5,9,10,11	ND	ND	ND	ND	ND	ND	
3,4,6	ND	ND	ND	ND	ND	ND	
7,8,12	ND	ND	ND	ND	ND	ND	
3,4,6,7,8,12	ND	ND	ND	ND	D	ND	
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	
3,4,6,7,8,12	ND	ND	ND	ND	ND	ND	
Molecular weight	46.0	58.0	60.1	72.1	74.1	100.1	
CAS #	64175	67641	67630	78933	71363	108101	

Explanations.

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fenceline sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected- not quantitated (see text)
NA	Not analyzed

Notes.

- 1) Method Detection Limits are 10 ppb or better
- 2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4}$$

Table S-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

CWC.LFM.XLS

(1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

GENERAL INFORMATION		NON-POLAR AND SLIGHTLY POLAR COMPOUNDS	
BUILDING	SAMPLE TYPE	SAMPLE ID	CONCENTRATION UNITS
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-02-109A
			FT6045-02-108A
			FT6045-02-107A
			FT6045-02-106A
			FT6045-02-105A
			FT6045-02-104A
			FT6045-02-103A
			FT6045-02-102A
			FT6045-02-101A
			FT6045-02-100A
			FT6045-02-099A
			FT6045-02-098A
			FT6045-02-097A
			FT6045-02-096A
			FT6045-02-095A
			FT6045-02-094A
			FT6045-02-093A
			FT6045-02-092A
			FT6045-02-091A
			FT6045-02-090A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-02-089A
			FT6045-02-088A
			FT6045-02-087A
			FT6045-02-086A
			FT6045-02-085A
			FT6045-02-084A
			FT6045-02-083A
			FT6045-02-082A
			FT6045-02-081A
			FT6045-02-080A
			FT6045-02-079A
			FT6045-02-078A
			FT6045-02-077A
			FT6045-02-076A
			FT6045-02-075A
			FT6045-02-074A
			FT6045-02-073A
			FT6045-02-072A
			FT6045-02-071A
			FT6045-02-070A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-02-069A
			FT6045-02-068A
			FT6045-02-067A
			FT6045-02-066A
			FT6045-02-065A
			FT6045-02-064A
			FT6045-02-063A
			FT6045-02-062A
			FT6045-02-061A
			FT6045-02-060A
			FT6045-02-059A
			FT6045-02-058A
			FT6045-02-057A
			FT6045-02-056A
			FT6045-02-055A
			FT6045-02-054A
			FT6045-02-053A
			FT6045-02-052A
			FT6045-02-051A
			FT6045-02-050A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-02-049A
			FT6045-02-048A
			FT6045-02-047A
			FT6045-02-046A
			FT6045-02-045A
			FT6045-02-044A
			FT6045-02-043A
			FT6045-02-042A
			FT6045-02-041A
			FT6045-02-040A
			FT6045-02-039A
			FT6045-02-038A
			FT6045-02-037A
			FT6045-02-036A
			FT6045-02-035A
			FT6045-02-034A
			FT6045-02-033A
			FT6045-02-032A
			FT6045-02-031A
			FT6045-02-030A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-02-029A
			FT6045-02-028A
			FT6045-02-027A
			FT6045-02-026A
			FT6045-02-025A
			FT6045-02-024A
			FT6045-02-023A
			FT6045-02-022A
			FT6045-02-021A
			FT6045-02-020A
			FT6045-02-019A
			FT6045-02-018A
			FT6045-02-017A
			FT6045-02-016A
			FT6045-02-015A
			FT6045-02-014A
			FT6045-02-013A
			FT6045-02-012A
			FT6045-02-011A
			FT6045-02-010A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-02-009A
			FT6045-02-008A
			FT6045-02-007A
			FT6045-02-006A
			FT6045-02-005A
			FT6045-02-004A
			FT6045-02-003A
			FT6045-02-002A
			FT6045-02-001A
			FT6045-02-000A
			FT6045-01-999A
			FT6045-01-998A
			FT6045-01-997A
			FT6045-01-996A
			FT6045-01-995A
			FT6045-01-994A
			FT6045-01-993A
			FT6045-01-992A
			FT6045-01-991A
			FT6045-01-990A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-01-989A
			FT6045-01-988A
			FT6045-01-987A
			FT6045-01-986A
			FT6045-01-985A
			FT6045-01-984A
			FT6045-01-983A
			FT6045-01-982A
			FT6045-01-981A
			FT6045-01-980A
			FT6045-01-979A
			FT6045-01-978A
			FT6045-01-977A
			FT6045-01-976A
			FT6045-01-975A
			FT6045-01-974A
			FT6045-01-973A
			FT6045-01-972A
			FT6045-01-971A
			FT6045-01-970A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-01-969A
			FT6045-01-968A
			FT6045-01-967A
			FT6045-01-966A
			FT6045-01-965A
			FT6045-01-964A
			FT6045-01-963A
			FT6045-01-962A
			FT6045-01-961A
			FT6045-01-960A
			FT6045-01-959A
			FT6045-01-958A
			FT6045-01-957A
			FT6045-01-956A
			FT6045-01-955A
			FT6045-01-954A
			FT6045-01-953A
			FT6045-01-952A
			FT6045-01-951A
			FT6045-01-950A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-01-949A
			FT6045-01-948A
			FT6045-01-947A
			FT6045-01-946A
			FT6045-01-945A
			FT6045-01-944A
			FT6045-01-943A
			FT6045-01-942A
			FT6045-01-941A
			FT6045-01-940A
			FT6045-01-939A
			FT6045-01-938A
			FT6045-01-937A
			FT6045-01-936A
			FT6045-01-935A
			FT6045-01-934A
			FT6045-01-933A
			FT6045-01-932A
			FT6045-01-931A
			FT6045-01-930A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-01-929A
			FT6045-01-928A
			FT6045-01-927A
			FT6045-01-926A
			FT6045-01-925A
			FT6045-01-924A
			FT6045-01-923A
			FT6045-01-922A
			FT6045-01-921A
			FT6045-01-920A
			FT6045-01-919A
			FT6045-01-918A
			FT6045-01-917A
			FT6045-01-916A
			FT6045-01-915A
			FT6045-01-914A
			FT6045-01-913A
			FT6045-01-912A
			FT6045-01-911A
			FT6045-01-910A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-01-909A
			FT6045-01-908A
			FT6045-01-907A
			FT6045-01-906A
			FT6045-01-905A
			FT6045-01-904A
			FT6045-01-903A
			FT6045-01-902A
			FT6045-01-901A
			FT6045-01-900A
			FT6045-01-899A
			FT6045-01-898A
			FT6045-01-897A
			FT6045-01-896A
			FT6045-01-895A
			FT6045-01-894A
			FT6045-01-893A
			FT6045-01-892A
			FT6045-01-891A
			FT6045-01-890A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-01-889A
			FT6045-01-888A
			FT6045-01-887A
			FT6045-01-886A
			FT6045-01-885A
			FT6045-01-884A
			FT6045-01-883A
			FT6045-01-882A
			FT6045-01-881A
			FT6045-01-880A
			FT6045-01-879A
			FT6045-01-878A
			FT6045-01-877A
			FT6045-01-876A
			FT6045-01-875A
			FT6045-01-874A
			FT6045-01-873A
			FT6045-01-872A
			FT6045-01-871A
			FT6045-01-870A
BUILDING	SAMPLE TYPE	SAMPLE ID	FT6045-01-869A
			FT6045-01-868A
			FT6045-01-867

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

CWC_LFM.XLS

1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

BUILDING	NON-POLAR AND SLIGHTLY POLAR COMPOUNDS									
	1,2-DICHLOROETHENE	CHLOROFORM	TETRAHYDROFURAN	1,1,1-TRICHLOROETHANE	1,2-DICHLOROETHANE	BENZENE	CARBON TETRACHLORIDE	CYCLOHEXANE	TRICHLOROETHENE	1,1,2-TRICHLOROETHANE
1	ND	ND	ND	ND	ND	ND	ND	ND	ND	964
2	ND	ND	ND	20	ND	ND	ND	34	ND	198
3	ND	19	ND	ND	ND	ND	ND	ND	ND	127
4	ND	ND	ND	ND	ND	ND	ND	ND	ND	16
5	ND	ND	45	ND	ND	10	ND	ND	ND	78
6	ND	ND	ND	ND	ND	ND	ND	ND	ND	15
7	ND	ND	ND	ND	ND	ND	ND	ND	ND	904
8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	ND	ND	79	ND	ND	ND	ND	ND	ND	395
12	ND	ND	ND	ND	ND	ND	ND	ND	ND	341
13	ND	ND	ND	ND	ND	ND	ND	ND	ND	29
14 (RIGHT)	ND	ND	ND	ND	ND	ND	1734	158	ND	765
14 (CENTER)	ND	ND	ND	ND	ND	ND	57	ND	ND	1014
14 (LEFT)	ND	ND	ND	ND	ND	ND	29	ND	ND	2084
15	ND	ND	ND	ND	ND	ND	ND	ND	ND	19
16	ND	5	ND	18	ND	ND	ND	ND	ND	17
17	ND	ND	ND	ND	ND	ND	ND	ND	ND	57
18	ND	ND	ND	ND	ND	ND	145	44	ND	82
19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	ND	ND	ND	ND	ND	ND	32	79	ND	ND
A1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A2	ND	ND	10	ND	4	ND	ND	ND	ND	ND
A3	ND	ND	80	ND	13	3	ND	ND	ND	4
A4	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Molecular weight	96.0	117.9	72.1	131.9	98.0	78.0	151.9	84.1	129.9	92.1
CAS #	156392	67663	109999	71356	107062	71432	56235	110827	79016	108883
										79006

Explanations

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fence/line sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected - not quantitated (see text)

Notes

1) Method Detection Limits are 10 ppb or better

2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \frac{\text{conc. in ppbv} \times \text{mol wt. of compound (g)}}{22.4}$$

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

CWC_LPM.XLS

1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

NON-POLAR AND SLIGHTLY POLAR COMPOUNDS		BUILDING	
CAS #	Molecular weight		
17784	163.9	1	ND
108907	112.0	2	ND
100414	106.1	3	ND
100425	106.1	4	ND
100425	106.1	5	ND
95476	106.1	6	ND
79345	106.1	7	ND
165.9	120.1	8	ND
108678	120.1	9	ND
95696	120.1	10	ND
541731	146.0	11	ND
95501	146.0	12	ND
106467	146.0	13	ND
		14	ND
		15	ND
		16	ND
		17	ND
		18	ND
		19	ND
		20	ND
		21	ND
		22	ND
		23	ND
		24	ND
		25	ND
		26	ND
		27	ND
		28	ND
		29	ND
		30	ND
		31	ND
		32	ND
		33	ND
		34	ND
		35	ND
		36	ND
		37	ND
		38	ND
		39	ND
		40	ND
		41	ND
		42	ND
		43	ND
		44	ND
		45	ND
		46	ND
		47	ND
		48	ND
		49	ND
		50	ND
		51	ND
		52	ND
		53	ND
		54	ND
		55	ND
		56	ND
		57	ND
		58	ND
		59	ND
		60	ND
		61	ND
		62	ND
		63	ND
		64	ND
		65	ND
		66	ND
		67	ND
		68	ND
		69	ND
		70	ND
		71	ND
		72	ND
		73	ND
		74	ND
		75	ND
		76	ND
		77	ND
		78	ND
		79	ND
		80	ND
		81	ND
		82	ND
		83	ND
		84	ND
		85	ND
		86	ND
		87	ND
		88	ND
		89	ND
		90	ND
		91	ND
		92	ND
		93	ND
		94	ND
		95	ND
		96	ND
		97	ND
		98	ND
		99	ND
		100	ND
		101	ND
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		421	ND
		422	ND
		423	ND
		424	ND
		425	ND
		426	ND
		427	ND
		428	ND
		429	ND
		4	

Table 5-3. GC-MS Data of Indoor Air Samples From the Central Waste Complex:
Concentrations in Microgram/Meter.³ (20 sheets)

CWC_LFM.XLS

1) LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

BUILDING	POLAR COMPOUNDS						COMMENTS
	ETHANOL	ACETONE	1-PROPANOL	2-BUTANONE	1-BUTANOL	4-METHYL-2-PENTANONE	
1	170	7	ND	ND	ND	ND	
2	35	76	ND	344	28	61	
3	21	14	ND	56	16	56	
4	ND	ND	ND	ND	149	67	AVERAGE OF 2
5	281	85	61	ND	ND	ND	AVERAGE OF 2
6	ND	ND	ND	ND	ND	ND	
7	324	17	ND	66	18	ND	
8	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
9	ND	ND	ND	ND	ND	ND	
10	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
11	ND	139	ND	4715	ND	182	
12	ND	ND	ND	ND	ND	ND	
13	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
14 (RIGHT)	ND	18	8	48	ND	469	AVERAGE OF 2
14 (CENTER)	39	88	1065	66	ND	30	
14 (LEFT)	ND	157	65	97	26	655	
15	ND	14	ND	ND	ND	ND	
16	ND	D	ND	D	ND	D	AVERAGE OF 2
17	ND	ND	ND	ND	D	ND	
18	ND	ND	ND	ND	34	ND	
19	D	D	ND	D	D	D	AVERAGE OF 2
20	ND	ND	ND	ND	D	ND	
A1	ND	ND	ND	ND	ND	ND	AVERAGE OF 2
A2	D	D	D	D	D	D	AVERAGE OF 3
A3	D	D	D	D	D	D	AVERAGE OF 3
A4	ND	ND	ND	ND	ND	ND	
Molecular weight	46.0	58.0	60.1	72.1	74.1	100.1	
CAS #	64175	67641	67630	78933	71363	108101	

Explanations:

S	SUMMA sample
SR	SUMMA sample collected by remote control
BK	Background sample
FL	Fence line sample
UW	Upwind
DW	Downwind
ND	Not detected
D	Detected - not quantitated (see text)

Notes:

- 1) Method Detection Limits are 10 ppb or better
- 2) The quantitative analysis results for the target compounds were calculated from the calibration curve which was generated from primary standards with concentrations in ppbv. The conversion from ppbv to $\mu\text{g}/\text{m}^3$ assumes standard temperature and pressure (STP) conditions of 760 torr and 273 K and was calculated from the following equation:

$$\mu\text{g}/\text{m}^3 = \text{ppbv} \times \frac{\text{mol wt. of compound (g)}}{22.4}$$

5.1.4 Building 2402 WC

This building had low levels of non-polar and moderately polar compounds. Hexane and tetrahydrofuran showed up in one sample but they were also present at similar concentrations in one background sample. Similarly, polar compounds such as ethanol, acetone, 2-propanol, 2-butanone, n-butanol, and 4-methyl-2-pentanone were present at similar concentration levels in both the indoor and the background sample. In addition to these compounds, the library searches found 1,4-dioxane, benzaldehyde, 1-phenylethanone, and a,a-dimethylbenzene methanol at slightly elevated levels (1 to 5 percent of total area counts). The data for polar compounds differ between the samples. It is suggested to re-sample this building if these types of compounds are of special concern.

5.1.5 Building 2402 WD

Although only one indoor and one background sample were analyzed, the data are consistent. They show that the compounds found were present at similar concentrations both inside and outside the building: dichloromethane (63 ppb inside, 104 ppb outside); toluene (6 and 7 ppb); m-xylene (16 and 20 ppb); and 1,2,4- trimethylbenzene (30 and 36 ppb). Of the polar compounds, 2-butanone was present both inside and outside (26 and 31 ppb) but 4-methyl-2-pentanone (67 ppb) and n-butanol (10 ppb) was only in the background sample. The upwind and downwind samples collected on this day did not show significant levels of any of these compounds. Additional sampling is required to find the sources of these compounds .

5.1.6 Building 2402 WE

The two samples from different location inside this building gave very good agreement showing elevated concentrations of dichloromethane (234 ppb). Furthermore, minor levels of 1,1,1-trichloroethane (14 ppb), Toluene (12 ppb), and xylenes (about 5 ppb) were measured. None of these compounds were found in the background sample. No additional compounds were found at significant levels with library matching.

5.1.7 Building 2402 WF

The analytical results showed consistently low levels (< 10 ppb) of the priority analytes. 2-butoxyethanol and 4-methyl-2-pentanone were present in both the indoor samples and in the background and could have an external source. The major components of the air samples were predominantly pinene, with smaller amounts of 3-carene, limonene, phellandrene, sabinene, and camphene. Because these natural essential oils did not appear in the background samples, they most likely were emitted by the waste stored in this building. The probable origin was natural turpentine oil which is 58 to 65 percent α -pinene and 30 percent β -pinene.

5.1.8 Building 2402 WG

There is very little buildup of volatile organic compounds in this building. 4-methyl-2-pentanone is present in both the indoor and the background samples. The non-polars are all below 10 ppb and the polar compounds consist predominantly of 2-butoxyethanol. In addition to the compounds used in the calibration standard, the library search found small concentration of benzaldehyde.

5.1.9 Building 2402 WH

The limited data of this baseline study indicate that this building has low levels of VOCs. 4-methyl-2-pentanone is present in the building samples and in the background. One sample showed that 2-butoxyethanol was the dominant polar constituent. The analysis of a duplicate sample (data not included in this report) showed elevated levels of polar compounds such as 2-butanone, ethanol, acetone, 4-methyl-2-pentanone. It is felt that this is an artifact of the analysis conditions at that time (which were later corrected) but it is recommended to re-sample this building to confirm these conclusions.

5.1.10 Building 2402 WI

This building has low concentrations of organic compounds. One sample showed the presence of 1,3,5-trimethylbenzene but this compound did not appear in the second sample. 4-methyl-2-pentanone appears in all indoor and in the background samples. The library searches identified benzaldehyde as the major compound outside the quantitation list.

5.1.11 Building 2402 WJ

Both samples from this location showed low levels of toluene (30 ppb average). Polar compounds such as 2-butanone, n-butanol, 4-methyl-2-pentanone, and 2-butoxyethanol are present in both the background and the building samples. 1-methoxy-2-propanol and benzaldehyde are the major compounds identified by library search.

5.1.12 Building 2402 WK

The concentrations for non-polar and moderately polar compounds are below 10 ppb. Polars such as 2-butoxyethanol, n-butanol, 4-methyl-2-pentanone are present indoors but not in the background sample. Benzaldehyde was found in the indoors sample with the mass spectral library.

5.1.13 Building 2402 WL

The two samples taken at different locations in the building differ somewhat in their compositions: Both have elevated levels of 4-methyl-2-pentanone (107 and 340 ppb) and 2-butoxyethanol (not quantified). The second sample has higher levels of polar compounds such as 2-butanone (773 ppb), n-butanol (545 ppb), ethanol (168 ppb), acetone (97 ppb), and moderate polars such as tetrahydrofuran (84 ppb). This discrepancy needs to be resolved with an additional sampling event. Other compounds identified from their mass spectra include: benzaldehyde, 1-phenylethanone, and 1,4-dioxane.

5.1.14 Building 2403 WA

This building was sampled in four different locations. The analyses from the quadrants gave consistent results showing elevated levels of dichloromethane (31 to 133 ppb) and 1,1,1-trichloroethane (14 to 70 ppb) compared to the background samples. Lower concentrations of toluene (7 to 21 ppb) and n-hexane (4 to 17 ppb) were measured but the upwind sample had similar concentrations of these compounds. Some samples had higher concentrations of polars (4-methyl-2-pentanone, n-butanol, 2-butanone,) but these compounds were also in the upwind sample. Additional compounds found include 2-butoxyethanol, benzaldehyde, and natural oils such as pinene, carene, and limonene.

5.1.15 Building 2403 WB

The results from the four sampled sections are in very good agreement showing that this building has very low levels of VOCs. Carbontetrachloride is present at 8 to 20 ppb, and smaller quantities of xylenes, acetone, ethyl- and trimethylbenzenes were measured. Other compounds in these samples included pinene and trichlorofluoromethane.

5.1.16 Building 2403 WC

The results of the 4 analyses are very reproducible and show that this building has elevated concentrations of dichloromethane (50 to 104 ppb) compared to the background sample. Lower concentrations of tetrachloroethene (21 to 27 ppb), 1,1,1-trichloroethane (12 to 16 ppb), and toluene (3 to 6 ppb) were measured. Polars are generally low and consist of n-butanol, 4-methyl-2-pentanone, and acetone all of which show up in the background samples. Additional compounds that were found inside the building but not in the background samples include 2-butoxyethanol, 1-methoxy-2-propanol, hexanal, pinene, and carene.

5.1.17 Building 2403 WD

Seven indoor (one is a duplicate) and three outside background samples were analyzed from this large building. The data show that this building has very low concentrations of non-polar and moderately polar volatile organic: Ethylbenzene, xylenes, and trimethylbenzenes were present in all samples at concentrations below 10 ppb. One sample also had small amounts of hexane (16 ppb) and tetrahydrofuran (34 ppb). Polars such as 4-methyl-2-pentanone and 2-butoxyethanol occur in most samples. One sample also contained other polar compounds like n-butanol, 2-butanone, acetone, ethanol, and 2-propanol. The library searches tentatively identified pinene, 3-carene, 1-methoxy-2-propanol, and benzaldehyde as significant components of the indoor air.

5.2 LOW FLASH-POINT MIXED WASTE AND ALKALI METAL STORAGE BUILDINGS

5.2.1 Module A1

The two samples taken from this module showed very low levels of volatile organics. Aromatic compounds such as ethyl- and trimethylbenzene were present in concentrations below the Method Detection Limit of 10 ppb. Additional compounds found in this unit include 2-butoxyethanol and benzaldehyde.

5.2.2 Module A2

The three samples from this module contained non-polar and moderately polar VOC below 10 ppb. Polar compounds such as methanol, ethanol, acetone, 2-butanone, n-butanol, and 2-butoxyethanol were detected but their concentration needs to be determined.

5.2.3 Module A3

Hexane and tetrahydrofuran are above the MDL at 10 and 25 ppb, respectively. However, the background sample does also contain similar levels of these compounds. Polar compounds such as Ethanol, acetone, 2-propanol, 2-butanone, n-butanol, 4-methyl-2-pentanone, and 2-butoxyethanol were detected in both the module and the background.

5.2.4 Module A4

This unit has no VOCs above the MDL of 10 ppb. 2-butoxyethanol was detected with library searching.

5.2.5 Module LFM # 1

One sample collected from this unit showed increased concentrations of toluene (239 ppb), ethanol (83 ppb), and 1,2,4-trimethylbenzene (76 ppb). None of these compounds were found in the background sample. The library matching found 3-heptanone in the indoor sample.

5.2.6 Module LFM # 2

Aromatic compounds such as m-xylene (215 ppb), o-xylene (59 ppb), ethylbenzene (65 ppb), and toluene (48 ppb) were prominent in this sample. It also had higher concentrations of 2-butanone (MEK, 107 ppb), acetone (29 ppb), and ethanol (17 ppb). None of these compounds were in the background.

5.2.7 Module LFM # 3

1,2,4-trimethylbenzene (72 ppb) and toluene (31 ppb) were somewhat increased inside the module but did not show up in the background sample. Benzaldehyde was also detected.

5.2.8 Module LFM # 4

The two samples analyzed from this unit detected low concentrations of 4-methyl-2-pentanone (15 ppb) and m-xylene (14 ppb). One sample also contained n-butanol and 1,3,5-trimethylbenzene. Additionally, a considerable amount of benzaldehyde was found in both samples. The concentration needs to be determined with standards.

5.2.9 Module LFM # 5

Analyses of two grab samples determined that this module is dominated by very volatile compounds: Ethanol (137 ppb), hexane (63 ppb), 2-propanol (61 ppb), acetone (33 ppb) and dichloromethane (37 ppb). Curiously, one sample had about equal concentrations of the three dichlorobenzene isomers (about 60 ppb each) but these compounds were not detected in the second sample. The presence of these higher boiling VOC needs to be confirmed. Benzaldehyde, 3-heptanone, and 2-hexanone were detected with spectral library searches.

5.2.10 Module LFM # 6

This unit did not show any significant levels of volatile organic compounds.

5.2.11 Module LFM # 7

The one sample analyzed from this module contained toluene (220 ppb) and ethanol (158 ppb). Furthermore, lower concentrations of 2-butanone (21 ppb) and m-xylene (10 ppb) were detected. 3-heptanone was also present in this sample.

5.2.12 Module LFM # 8

Both samples from this unit showed that low concentrations of aromatic hydrocarbons were present: m-xylene (11 ppb), ethylbenzene (9 ppb), and o-xylene (5 ppb). Additionally, 3-heptanone was identified from its mass spectrum.

5.2.13 Module LFM # 9

Analysis of one sample shows that the VOCs in this module are very low in concentration, all below 10 ppb. The library searches indicate that 1-phenylethanone and 3-heptanone are also present.

5.2.14 Module LFM # 10

This unit has low levels of aromatic VOCs: xylenes and ethylbenzene are all below 10 ppb. The major components in this sample were identified as 2-heptanone and 3-heptanone. However, they were not quantitated with an external standard.

5.2.15 Module LFM # 11

This sample has significant amounts of 2-butanone (also known as methyl ethyl ketone or MEK) with 1465 ppb. Other major compounds include hexane (123 ppb), toluene (96 ppb), dichloromethane (82 ppb), acetone (54 ppb), m-xylene (46 ppb), 4-methyl-2-pentanone or "hexone" (41 ppb), and tetrahydrofuran (25 ppb). The additional compounds identified with library searches are relatively minor.

5.2.16 Module LFM # 12

The compounds in this unit are all aromatic VOCs: toluene (83 ppb), m-xylene (29 ppb), 1,2,4-trimethylbenzene (13 ppb), and o-xylene (10 ppb). 3-heptanone and benzaldehyde were also identified.

5.2.17 Module LFM # 13

Minor quantities of toluene (7 ppb), 1,3,5-trimethylbenzene (7 ppb) and 1,2,4-trimethylbenzene (5 ppb) were measured. Benzaldehyde is also in this sample at similar concentration levels.

5.2.18 Module LFM # 14

This module contains three separate compartments that were sampled individually. The first compartment had elevated levels of carbontetrachloride (256 ppb), toluene (186 ppb), 4-methyl-2-pentanone (105 ppb), m-xylene (50 ppb), and cyclohexane (42 ppb).

The center unit had high concentrations of 2-propanol (1,055 ppb), dichloromethane (479 ppb), toluene (247 ppb), Freon 113 (190 ppb), m-xylene (55 ppb), and acetone (34 ppb).

The third compartment was dominated by toluene (507 ppb), m-xylene (329 ppb), and p-xylene (273 ppb), followed by 4-methyl-2-pentanone (147 ppb), dichloromethane (87 ppb), 2-propanol (65 ppb), acetone (61 ppb), ethylbenzene (42 ppb), and 2-butanone (30 ppb). This sample contains a relatively high concentration of a compound that has been tentatively identified as acetonitrile. The identity and concentration of this compound have to be confirmed with a neat standard.

5.2.19 Module LFM # 15

This module contains low concentrations of m-xylene (17 ppb); n-hexane, o-xylene, ethylbenzene and others are below the 10 ppb MDL. Octanal was also identified in this sample as a significant component.

5.2.20 Module LFM # 16

Less than 10 ppb were measured for n-hexane, m-xylene, and toluene in the two samples. Of the polar compounds, 2-butanone was present in both analyses (35 ppb average), but 2-butoxyethanol was only detected in one sample.

5.2.21 Module LFM # 17

Low concentrations of toluene (14 ppb) and 1,3,5-trimethylbenzene (10 ppb) were present in this module. 2-butoxyethanol was the major polar compound in this sample. However, this compound also appeared in the background sample and its presence needs to be confirmed by analyzing with the new, modified procedure.

5.2.22 Module LFM # 18

Several VOCs were detected in this unit: m- and p-xylene (28 and 23 ppb, respectively), carbon tetrachloride (21 ppb), toluene (20 ppb), cyclohexane (12 ppb), and n-butanol (10 ppb). The library search also indicated the presence of small quantities of 2-butoxyethanol.

5.2.23 Module LFM # 19

No non-polar or moderately polar compounds were detected above the MDL of 10 ppb. The two samples analyzed from this module also had polar compounds such as n-butanol and 2-butoxyethanol but the concentrations have not been determined. Small quantities of 1-phenyl ethanone and benzaldehyde are also present.

5.2.24 Module LFM # 20

One sample analyzed from this unit contained cyclohexane (21 ppb), n-butanol (18 ppb), and 1,3,5-trimethylbenzene (13 ppb). The major peak in the chromatogram corresponds to 2-butoxy ethanol. This compound also shows up in the background sample and its concentration has to be measured by analyzing a new sample with the modified procedure. The mass spectral data indicate that benzaldehyde also appears in this sample.

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6.0 REFERENCES

Lockrem, L. L., 1996, Sampling and Analysis Plan, WHC-SD-WM-WAP-002, Rev. 0, Westinghouse Hanford Company, Richland, Washington.

Pierce, R. D., 1996, Internal Memorandum, 87600-RDP-96-005, Westinghouse Hanford Company, Richland, Washington.

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APPENDIX A

**ANALYTICAL DATA FOR THE REPORT ON
SAMPLING AND ANALYSIS OF AMBIENT AIR
AT THE CENTRAL WASTE COMPLEX**

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A.1 CWC 2401 BUILDING

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File : C:\HPCHEM\2\DATA\61396_4.D
Operator : LAP
Acquired : 13 Jun 96 10:19 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-1W.70A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61396_4.D
 Analyst: LAP
 Analysis Date: 06/13/96
 Method: CWC
 Sample Name: FT6045-1W.70A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	25	PPB	
ACETONE	67-64-1	26	PPB	
2-PROPANOL	67-63-0	60	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	338	PPB	
N-HEXANE	110-54-3	16	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	69	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	2	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	216	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	195	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	2	PPB	
ETHYLBENZENE	100-41-4	6	PPB	
M-XYLENE	108-38-3	5	PPB	
STYRENE	100-42-5	15	PPB	
O-XYLENE	95-47-6	6	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	10	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	16	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	31	PPB	
1,3-DICHLOROBENZENE	541-73-1	11	PPB	
1,2-DICHLOROBENZENE	95-50-1	20	PPB	
1,4-DICHLOROBENZENE	106-46-7	20	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2401 W
File: C:\HPCHEM2\DATA\61396_4.D
ID: FT6045-1W.70A

Compound	CAS#
Ethanol	000064-17-5
2-Propanone	000067-64-1
2-Propanol	000067-63-0
2-Butanone	000078-93-3
Furan, tetrahydro-	000109-99-9
2-Butanol, 2-methyl-	000075-85-4
Ethane, 1,2-dichloro-	000107-06-2
Benzene	000071-43-2
1-Butanol	000071-36-3
Ethanol, 2-methoxy-	000109-86-4
1,4-Dioxane	000123-91-1
Formic acid, butyl ester	000592-84-7
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Ethane, 1,1,2-trichloro-	000079-00-5
Hexanal	000066-25-1
Ethene, tetrachloro-	000127-18-4

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2401 W (CONTINUED)
File: C:\HPCHEM\2\DATA\61396_4.D
ID: FT6045-1W.70A

Compound	CAS#
Benzene, chloro-	000108-90-7
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Styrene	000100-42-5
Benzene, 1,4-dimethyl-	000106-42-3
Ethanol, 2-butoxy-	000111-76-2
Ethane, 1,1,2,2-tetrachloro-	000079-34-5
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,3-dichloro-	000541-73-1
Benzene, 1,2-dichloro-	000095-50-1
Ethanone, 1-phenyl-	000098-86-2
Benzaldehyde, 2-methyl-	000529-20-4

Sample: 2401 W (CONTINUED)
 File: C:\HPCHEM2\DATA\61396_4.D
 ID: FT6045-1W.70A

Compound	CAS#
Nonanal	000124-19-6
Dodecane	000112-40-3

File : C:\HPCHEM\2\DATA\61296_7.D
Operator : LAP
Acquired : 12 Jun 96 1:55 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-1W.68A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61296_7.D
 Analyst: LAP
 Analysis Date: 06/12/96
 Method: CWC
 Sample Name: FT6045-1W.68A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	11	PPB	
ACETONE	67-64-1	6	PPB	
2-PROPANOL	67-63-0	4	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	25	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	59	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	56	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	18	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	2	PPB	
1,2-DICHLOROBENZENE	95-50-1	2	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2401 W
File: C:\HPCHEM2\DATA\61296_7.D
ID: FT6045-1W.68A

Compound	CAS#
2-Butanone	000078-93-3
1,3-Benzenediol, 2-methyl-	000608-25-3
1-Butanol	000071-36-3
2-Propanol, 1-methoxy-	000107-98-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, chloro-	000108-90-7
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
2-Heptanone	000110-43-0
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Phenol	000108-95-2
Decane	000124-18-5
Benzene, 1,3,5-trimethyl-	000108-67-8

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2401 W (CONTINUED)
File: C:\HPCHEM\2\DATA\61296_7.D
ID: FT6045-1W.68A

Compound	CAS#
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2
Decane	000124-18-5
Naphthalene, 1,2,3,4-tetrahydro-	000119-64-2
Benzaldehyde, 3,4-dimethyl-	005973-71-7
2,3-DIMETHYLBENZALDEHYDE	005779-93-1
Dodecane	000112-40-3
Benzene, 1,2,4-trichloro-	000120-82-1
Benzaldehyde, ethyl-	053951-50-1

File : C:\HPCHEM\2\DATA\61396_9.D
Operator : MS
Acquired : 13 Jun 96 5:33 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-1W.70B
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61396_9.D
 Analyst: MS
 Analysis Date: 06/13/96
 Method: CWC
 Sample Name: FT6045-1W.70B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2401 W
File: C:\HPCHEM2\DATA\61396_9.D
ID: FT6045-1W.70B

Compound	CAS#
2-Heptanone	000110-43-0
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,2,3-trichloro-	000087-61-6

File : C:\HPCHEM\2\DATA\61396_11.D
Operator : MS
Acquired : 13 Jun 96 7:57 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-1W.71A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61396_11.D
 Analyst: MS
 Analysis Date: 06/13/96
 Method: CWC
 Sample Name: FT6045-1W.71A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: 2401 W BACKGROUND
File: C:\HPCHEM\2\DATA\61396_11.D
ID: FT6045-1W.71A

Compound	CAS#
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None

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A.2 CWC 2402 BUILDINGS

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File : C:\HPCHEM\2\DATA\51496-9.D
Operator : lap
Acquired : 14 May 96 12:25 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2W.20A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51496-9.D
 Analyst: lap
 Analysis Date: 05/14/96
 Method: CWC
 Sample Name: FT6045-2W.20A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	8	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 W20
File: CA\HPCHEM\2\DATA\51496-9.D
ID: FT6045-2W.20A

Compound	CAS#
Ethane, 1,1,1-trichloro-	000071-55-6
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, 1,3-dimethyl-	000108-38-3
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
ALPHA -PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
2- BETA -PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6
DELTA.3-Carene	13466-78-9 95
Benzene, 1-methyl-3-(1-methylethyl)-	000535-77-3 93

File : C:\HPCHEM\2\DATA\51496-11.D
Operator : MS
Acquired : 14 May 96 2:57 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2W.22A BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51496-11.D
 Analyst: MS
 Analysis Date: 05/14/96
 Method: CWC
 Sample Name: FT6045-2W.22A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

Sample: 2402 W Background
Sample Name: FT6045-2W.22A BK
Misc Info: DELTA P = 100 torr

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

Unknown Spectrum: Apex
Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
5	24.46	27.77	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	87
7	32.10	5.22	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	96

File : C:\HPCHEM\2\DATA\51396_12.D
Operator : MS
Acquired : 13 May 96 5:21 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2W.21A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51396_12.D
 Analyst: MS
 Analysis Date: 05/13/96
 Method: CWC
 Sample Name: FT6045_2W.21A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

Sample: 2402 W
Sample Name: FT6045_2W.21A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

Unknown Spectrum: Apex
Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
6	24.46	6.97	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118017	000108-10-1	76
7	25.55	5.90	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	94
13	31.34	6.24	C:\DATABASE\WILEY138.L .ALPHA.-PINENE, (-)-	122065	000080-56-8	87
15	32.75	2.63	C:\DATABASE\WILEY138.L 2-.BETA.-PINENE	8163	000127-91-3	95
17	33.65	7.02	C:\DATABASE\WILEY138.L DELTA.3-Carene	122092	013466-78-9	96
19	34.24	2.98	C:\DATABASE\WILEY138.L beta.-Phellandrene	8118	000555-10-2	93
			Sabinene	122063	003387-41-5	90
			beta.-Thujene	8155	028634-89-1	81

File : C:\HPCHEM\2\DATA\53096_8.D
Operator : LAP
Acquired : 30 May 96 10:27 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WB.41A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_8.D
 Analyst: LAP
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WB.41A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	7	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	19	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	3	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	34	PPB	
1,2-DICHLOROETHANE	107-06-2	2	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	11	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	34	PPB	
TRICHLOROETHENE	79-01-6	151	PPB	
4-METHYL-2-PENTANONE	108-10-1	45	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	1	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **2402 WB**
File: C:\HPCHEM\2\DATA\53096_8.D
ID: FT6045-2WB.41A

Compound	CAS#
Ethane, 1,1,1-trichloro-	000071-55-6
1-Butanol	000071-36-3
Ethene, trichloro-	000079-01-6
2-Pentanone, 4-methyl-	000108-10-1
Benzene, 1,3-dimethyl-	000108-38-3
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\2\DATA\62096_5.D
Operator : MS
Acquired : 20 Jun 96 10:54 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_2WB.40B
Misc Info : 100 TORR; HOLDING TIME EXPIRED
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62096_5.D
 Analyst: MS
 Analysis Date: 06/20/96
 Method: CWC
 Sample Name: FT 6045_2WB.40B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	14	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	51	PPB	
4-METHYL-2-PENTANONE	108-10-1	12	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WB
File: C:\HPCHEM\2\DATA\62096_5.D
ID: FT6045_2WB.40B

Compound	CAS#
Methane, dichloro-	000075-09-2
Ethene, 1,2-dichloro-, (Z)-	000156-59-2
Ethane, 1,1,1-trichloro-	000071-55-6
Methane, tetrachloro-	000056-23-5
1-Butanol	000071-36-3
Ethene, trichloro-	000079-01-6
2-Pentanone, 4-methyl-	000108-10-1
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: 2402 WB (CONTINUED)
File: C:\HPCHEM\2\DATA\62096_5.D
ID: FT6045_2WB.40B

Compound	CAS#
Benzene, 1,3,5-trimethyl-	000108-67-8
DELTA.3-Carene	013466-78-9

File : C:\HPCHEM\2\DATA\53096_10.D
Operator : LAP
Acquired : 30 May 96 12:10 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WB.42A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_10.D
 Analyst: LAP
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WB.42A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	14	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	18	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **2402 WB BACKGROUND**
File: C:\HPCHEM\2\DATA\53096_10.D
ID: FT6045-2WB.42A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Phenol	000108-95-2
Benzene, 1,2,3-trimethyl-	000526-73-8

File : C:\HPCHEM\2\DATA\53096_11.D
Operator : LAP
Acquired : 30 May 96 1:03 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WB.42A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_11.D
Analyst: LAP
Analysis Date: 05/30/96
Method: CWC
Sample Name: FT6045-2WB.42A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: 2402 WB
File: CA\HPCHEM\2\DATA\53096_11.D
ID: FT6045-2WB.42A

Compound	CAS#
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None

File : C:\HPCHEM\2\DATA\53096_14.D
Operator : MS
Acquired : 30 May 96 4:24 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WB.40A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_14.D
 Analyst: MS
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WB.40A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	3	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	24	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	7	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	83	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WB
File: C:\HPCHEM\2\DATA\53096_14.D
ID: FT6045-2WB.40A

Compound	CAS#
Methane, dichloro-	000075-09-2
Ethene, 1,2-dichloro-, (Z)-	000156-59-2
Ethane, 1,1,1-trichloro-	000071-55-6
1-Bromobicyclo[4.3.1]decan-8-one	070576-35-1
Ethene, trichloro-	000079-01-6
2-Pentanone, 4-methyl-	000108-10-1
Ethene, tetrachloro-	000127-18-4
Benzene, 1,2-dimethyl-	000095-47-6
Benzene, 1,4-dimethyl-	000106-42-3
Benzene, 1,2-dimethyl-	000095-47-6
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1,2,4-trimethyl-	000095-63-6

File : C:\HPCHEM\2\DATA\51596_5.D
Operator : MS
Acquired : 15 May 96 1:28 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_2WC.25A BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51596_5.D
 Analyst: MS
 Analysis Date: 05/15/96
 Method: CWC
 Sample Name: FT 6045_2WC.25A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	58	PPB	
ACETONE	67-64-1	96	PPB	
2-PROPANOL	67-63-0	90	PPB	
1,1-DICHLOROETHENE	75-35-4	3	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	1	PPB	
2-BUTANONE	78-93-3	794	PPB	
N-HEXANE	110-54-3	40	PPB	
1,2-DICHLOROETHENE	156-59-2	5	PPB	
CHLOROFORM	67-66-3	1	PPB	
TETRAHYDROFURAN	109-99-9	83	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	21	PPB	
BENZENE	71-43-2	12	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	313	PPB	
TRICHLOROETHENE	79-01-6	5	PPB	
4-METHYL-2-PENTANONE	108-10-1	246	PPB	
TOLUENE	108-88-3	7	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	4	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	5	PPB	
ETHYLBENZENE	100-41-4	5	PPB	
M-XYLENE	108-38-3	6	PPB	
STYRENE	100-42-5	8	PPB	
O-XYLENE	95-47-6	7	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	6	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	11	PPB	
1,3-DICHLOROBENZENE	541-73-1	6	PPB	
1,2-DICHLOROBENZENE	95-50-1	9	PPB	
1,4-DICHLOROBENZENE	106-46-7	10	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: ^{WC} 2402 Background¹
 Sample Name: FT 6045_WC.25A BK

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	13.07	1.66	C:\DATABASE\WILEY138.L Ethanol	115963	000064-17-5	90
2	14.33	5.68	C:\DATABASE\WILEY138.L 2-Propanone	116051	000067-64-1	72
3	14.86	4.75	C:\DATABASE\WILEY138.L 2-Propanol	116152	000067-63-0	90
4	15.39	0.21	C:\DATABASE\WILEY138.L Ethene, 1,1-dichloro-	535	000075-35-4	96
5	16.16	0.13	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	95
7	18.04	0.08	C:\DATABASE\WILEY138.L Ethane, 1,1-dichloro-	712	000075-34-3	90
9	18.86	11.81	C:\DATABASE\WILEY138.L 2-Butanone	116393	000078-93-3	86
11	19.32	0.28	C:\DATABASE\WILEY138.L Ethene, 1,2-dichloro-, (Z)-	117549	000156-59-2	96
12	19.74	0.09	C:\DATABASE\WILEY138.L Chloroform	119703	000067-66-3	95
13	20.17	4.60	C:\DATABASE\WILEY138.L Furan, tetrahydro-	116446	000109-99-9	91

¹Note comments in report regarding possible carryover of polar analytes

Sample: **2402 Background²** (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
16	20.98	0.56	C:\DATABASE\WILEY138.L Ethane, 1,2-dichloro-	117658	000107-06-2	95
17	21.51	0.21	C:\DATABASE\WILEY138.L Benzene	116687	000071-43-2	95
18	21.66	11.87	C:\DATABASE\WILEY138.L 1-Butanol	116549	000071-36-3	91
20	22.98	0.38	C:\DATABASE\WILEY138.L Ethene, trichloro-	121019	000079-01-6	98
21	23.25	1.26	C:\DATABASE\WILEY138.L 1,4-Dioxane	117225	000123-91-1	95
24	24.46	17.53	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118018	000108-10-1	91
25	25.55	0.31	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	95
26	25.61	0.15	C:\DATABASE\WILEY138.L Ethane, 1,1,2-trichloro-	121295	000079-00-5	99
27	27.13	0.09	C:\DATABASE\WILEY138.L Ethene, tetrachloro-	125230	000127-18-4	97
28	28.39	0.36	C:\DATABASE\WILEY138.L Benzene, chloro-	118974	000108-90-7	96
31	28.87	0.30	C:\DATABASE\WILEY138.L Benzene, ethyl-	118560	000100-41-4	95
32	29.13	0.34	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118575	000108-38-3	97
34	29.85	0.50	C:\DATABASE\WILEY138.L Styrene	1662	000100-42-5	97

²Note comments in report regarding possible carryover of polar analytes

Sample: **2402 Background³** (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
35	29.96	0.41	C:\DATABASE\WILEY138.L XYLENE	118580	001330-20-7	97
36	30.16	4.90	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119786	000111-76-2	90
37	30.43	0.87	C:\DATABASE\WILEY138.L Ethane, 1,1,2,2-tetrachloro-	125455	000079-34-5	84
38	32.08	3.34	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	96
39	32.29	0.34	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	4147	000108-67-8	95
40	33.11	0.67	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	95
41	33.58	0.31	C:\DATABASE\WILEY138.L Benzene, 1,3-dichloro-	123079	000541-73-1	98
42	33.76	0.49	C:\DATABASE\WILEY138.L Benzene, 1,3-dichloro-	123079	000541-73-1	98
43	34.49	0.48	C:\DATABASE\WILEY138.L Benzene, 1,3-dichloro-	123079	000541-73-1	98
44	35.23	1.06	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119985	000098-86-2	95
45	35.32	0.10	C:\DATABASE\WILEY138.L Benzaldehyde, 2-methyl-	119973	000529-20-4	90
47	38.25	0.06	C:\DATABASE\WILEY138.L Benzaldehyde, ethyl-	121568	053951-50-1	81
48	38.33	0.05	C:\DATABASE\WILEY138.L Benzaldehyde, 3,4-dimethyl-	7381	005973-71-7	93

³Note comments in report regarding possible carryover of polar analytes

File : C:\HPCHEM\2\DATA\51796_5.D
Operator : ms
Acquired : 17 May 96 1:02 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045 2WC.23B
Misc Info : NOT PRESS. TO 15 PSI; DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51796_5.D
 Analyst: ms
 Analysis Date: 05/17/96
 Method: CWC
 Sample Name: FT6045_2WC.23B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	3	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: 2402 WC
File: C:\HPCHEM\2\DATA\51796_5.D
ID: FT6045_2WC.23B

Compound	CAS #
Benzene, 1,4-dimethyl-	000106-42-3
Benzene, 1,2-dimethyl-	000095-47-6
Benzene, 1,2,4-trimethyl-	000095-63-6

File : C:\HPCHEM\2\DATA\51396_6.D
Operator : MS
Acquired : 13 May 96 11:09 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045 2WC.23A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51396_6.D
 Analyst: MS
 Analysis Date: 05/13/96
 Method: CWC
 Sample Name: FT6045_2WC.23A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	82	PPB	
ACETONE	67-64-1	129	PPB	
2-PROPANOL	67-63-0	131	PPB	
1,1-DICHLOROETHENE	75-35-4	2	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	1051	PPB	
N-HEXANE	110-54-3	54	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	126	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	2	PPB	
1,2-DICHLOROETHANE	107-06-2	9	PPB	
BENZENE	71-43-2	7	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	446	PPB	
TRICHLOROETHENE	79-01-6	3	PPB	
4-METHYL-2-PENTANONE	108-10-1	254	PPB	
TOLUENE	108-88-3	4	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	4	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	3	PPB	
ETHYLBENZENE	100-41-4	4	PPB	
M-XYLENE	108-38-3	5	PPB	
STYRENE	100-42-5	7	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	3	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	6	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	10	PPB	
1,3-DICHLOROBENZENE	541-73-1	5	PPB	
1,2-DICHLOROBENZENE	95-50-1	8	PPB	
1,4-DICHLOROBENZENE	106-46-7	8	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WC
 Sample Name: FT6045_2WC.23A
 Misc Info : DELTA P = 100 TORR

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

Unknown Spectrum: Apex
 Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
3	13.07	1.39	C:\DATABASE\WILEY138.L Ethanol	115963	000064-17-5	90
4	14.32	4.67	C:\DATABASE\WILEY138.L 2-Propanone	116050	000067-64-1	80
5	14.86	4.07	C:\DATABASE\WILEY138.L 2-Propanol	116152	000067-63-0	90
6	15.37	0.10	C:\DATABASE\WILEY138.L Ethene, 1,1-dichloro-	535	000075-35-4	96
8	16.14	0.05	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	94
15	18.86	9.81	C:\DATABASE\WILEY138.L 2-Butanone	116393	000078-93-3	86
17	19.30	0.07	C:\DATABASE\WILEY138.L Ethene, 1,2-dichloro-, (E)-	117551	000156-60-5	96
19	20.16	4.41	C:\DATABASE\WILEY138.L Furan, tetrahydro-	116445	000109-99-9	91
21	20.86	0.06	C:\DATABASE\WILEY138.L Ethane, 1,1,1-trichloro-	121290	000071-55-6	74
22	20.96	0.16	C:\DATABASE\WILEY138.L Ethane, 1,2-dichloro-	117659	000107-06-2	96

Sample: 2402 WC continued

23	21.50	0.08	C:\DATABASE\WILEY138.L			
			Benzene	116687	000071-43-2	95
24	21.66	10.23	C:\DATABASE\WILEY138.L			
			1-Butanol	116556	000071-36-3	91
27	23.24	1.35	C:\DATABASE\WILEY138.L			
			1,4-Dioxane	117225	000123-91-1	95
28	23.67	0.13	C:\DATABASE\WILEY138.L			
			1-Propanol, 2-methoxy-	345	001589-47-5	78
30	24.44	12.45	C:\DATABASE\WILEY138.L			
			2-Pentanone, 4-methyl-	118019	000108-10-1	91
31	25.53	0.11	C:\DATABASE\WILEY138.L			
			Benzene, methyl-	117433	000108-88-3	93
			BICYCLO-(2,2,1)-HEPTADIENE-(2,5)	117446	000121-46-0	87
32	25.60	0.10	C:\DATABASE\WILEY138.L			
			Ethane, 1,1,2-trichloro-	121295	000079-00-5	99
37	28.85	0.21	C:\DATABASE\WILEY138.L			
			Benzene, ethyl-	118560	000100-41-4	95
38	29.11	0.17	C:\DATABASE\WILEY138.L			
			Benzene, 1,3-dimethyl-	118578	000108-38-3	97
			Benzene, 1,4-dimethyl-	118586	000106-42-3	97
42	29.55	0.05	C:\DATABASE\WILEY138.L			
			2-Heptanone	119298	000110-43-0	81
43	29.83	0.25	C:\DATABASE\WILEY138.L			
			1,3,5,7-Cyclooctatetraene	118487	000629-20-9	97
			Styrene	118481	000100-42-5	96
44	29.93	0.26	C:\DATABASE\WILEY138.L			
			Benzene, 1,2-dimethyl-	118564	000095-47-6	95
			XYLENE	118580	001330-20-7	94
			Benzene, 1,3-dimethyl-	118576	000108-38-3	94
45	30.19	12.63	C:\DATABASE\WILEY138.L			
			Ethanol, 2-butoxy-	119793	000111-76-2	86

Sample: 2402 WC continued

46	30.42	0.65	C:\DATABASE\WILEY138.L		
			Ethane, 1,1,2,2-tetrachloro-	125454	000079-34-5 87
50	31.90	0.18	C:\DATABASE\WILEY138.L		
			Decane, 2,2,8-trimethyl-	27775	062238-01-1 78
			Octane, 2,2,6-trimethyl-	15635	062016-28-8 78
			Heptane, 4-ethyl-2,2,6,6-tetramethyl-	27801	062108-31-0 78
51	32.07	5.56	C:\DATABASE\WILEY138.L		
			Benzaldehyde	118546	000100-52-7 97
52	32.27	0.27	C:\DATABASE\WILEY138.L		
			Benzene, 1,3,5-trimethyl-	4147	000108-67-8 94
			Benzene, 1,2,3-trimethyl-	4145	000526-73-8 93
55	33.09	0.49	C:\DATABASE\WILEY138.L		
			Benzene, 1,3,5-trimethyl-	120037	000108-67-8 95
			Benzene, 1,2,3-trimethyl-	4145	000526-73-8 94
			Benzene, 1,2,4-trimethyl-	120028	000095-63-6 94
56	33.56	0.17	C:\DATABASE\WILEY138.L		
			Benzene, 1,4-dichloro-	123085	000106-46-7 98
57	33.77	0.69	C:\DATABASE\WILEY138.L		
			1-Hexanol, 2-ethyl-	121201	000104-76-7 78
60	34.47	0.27	C:\DATABASE\WILEY138.L		
			Benzene, 1,2-dichloro-	11151	000095-50-1 98
			Benzene, 1,3-dichloro-	123079	000541-73-1 98
63	35.21	1.23	C:\DATABASE\WILEY138.L		
			Ethanone, 1-phenyl-	4126	000098-86-2 95
64	35.38	0.11	C:\DATABASE\WILEY138.L		
			Benzenamine, N,N,2-trimethyl-	7629	000609-72-3 89

Sample: 2402 WC continued

65	35.59	0.04	C:\DATABASE\WILEY138.L		
			2-Nonanone	122692 000821-55-6	70
66	35.70	1.26	C:\DATABASE\WILEY138.L		
			Benzenemethanol, alpha., alpha.-dime	121924 000617-94-7	90
67	35.96	0.86	C:\DATABASE\WILEY138.L		
			Nonanal	122682 000124-19-6	74
68	37.81	0.03	C:\DATABASE\WILEY138.L		
			Benzenepropanal	121562 000104-53-0	89
69	38.24	0.06	C:\DATABASE\WILEY138.L		
			2,3-DIMETHYLBENZALDEHYDE	7378 005779-93-1	90
			Benzaldehyde, ethyl-	7377 053951-50-1	83
			Benzaldehyde, 3,4-dimethyl-	7381 005973-71-7	80
70	38.29	0.07	C:\DATABASE\WILEY138.L		
			2,3-DIMETHYLBENZALDEHYDE	7378 005779-93-1	74
71	38.64	0.24	C:\DATABASE\WILEY138.L		
			Decanal	15512 000112-31-2	72

File : C:\HPCHEM\2\DATA\51796_6.D
Operator : ms
Acquired : 17 May 96 1:59 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WC.25B BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51796_6.D
 Analyst: ms
 Analysis Date: 05/17/96
 Method: CWC
 Sample Name: FT6045_2WC.25B BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: **2402 WC Background**
 File: **CA\HPCHEM2\DATA\51796_6.D**
 ID: **FT6045_2WC.25B BK**

Compound	CAS #
<hr/>	
Ethanol, 2-butoxy-	000111-76-2

File : C:\HPCHEM\2\DATA\51396_7.D
Operator : MS
Acquired : 13 May 96 12:12 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WC.24A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51396_7.D
 Analyst: MS
 Analysis Date: 05/13/96
 Method: CWC
 Sample Name: FT6045_2WC.24A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	2	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	17	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	14	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	30	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	7	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WC
File: FT6045_2WC.24A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

Unknown Spectrum: Apex
Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
5	20.20	1.60	C:\DATABASE\WILEY138.L Furan, tetrahydro-	116445	000109-99-9	72
6	21.66	4.35	C:\DATABASE\WILEY138.L 1-Butanol	116554	000071-36-3	87
7	22.76	13.49	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	83
8	24.42	20.02	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	91
11	28.86	0.42	C:\DATABASE\WILEY138.L Benzene, ethyl-	118560	000100-41-4	91
			Benzene, 1,2-dimethyl-	118571	000095-47-6	72
13	29.11	1.04	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl-	118587	000106-42-3	95
			XYLENE	118580	001330-20-7	95
			Benzene, 1,3-dimethyl-	118578	000108-38-3	95
14	29.84	0.34	C:\DATABASE\WILEY138.L Styrene	118484	000100-42-5	94
15	29.94	0.81	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	92
			Benzene, 1,3-dimethyl-	118576	000108-38-3	91
16	30.15	30.70	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	90

Sample: 2402 WC (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
8	32.06	5.01	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	97
19	32.27	0.32	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl- Benzene, 1,2,3-trimethyl-	120037 4145	000108-67-8 000526-73-8	74 70
21	33.08	0.95	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl- Benzene, 1,2,4-trimethyl-	120037 120030	000108-67-8 000095-63-6	95 93
22	33.56	0.17	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro- Benzene, 1,3-dichloro-	123085 123079	000106-46-7 000541-73-1	97 91
24	34.48	0.35	C:\DATABASE\WILEY138.L Benzene, 1,3-dichloro- Benzene, 1,4-dichloro- Benzene, 1,2-dichloro-	123081 123085 123077	000541-73-1 000106-46-7 000095-50-1	96 96 96
25	35.21	1.09	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119989	000098-86-2	97
26	35.68	5.52	C:\DATABASE\WILEY138.L Benzenemethanol, .alpha.,.alpha.-dime	121925	000617-94-7	76

File : C:\HPCHEM\2\DATA\60496_7.D
Operator : MS
Acquired : 4 Jun 96 2:49 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_2WD.45A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 60496_7.D
 Analyst: MS
 Analysis Date: 06/04/96
 Method: CWC
 Sample Name: FT 6045_2WD.45A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	104	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	26	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	10	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	67	PPB	
TOLUENE	108-88-3	7	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	20	PPB	
STYRENE	100-42-5	1	PPB	
O-XYLENE	95-47-6	4	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	36	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WD BACKGROUND
File: C:\HPCHEM\2\DATA\60496_7.D
ID: FT6045_2WD.45A

Compound	CAS#
Methane, dichloro-	000075-09-2
2-Butanone	000078-93-3
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Decane	000124-18-5
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
Ethanone, 1-phenyl-	000098-86-2
Naphthalene, 1,2,3,4-tetrahydro-	000119-64-2

File : C:\HPCHEM\2\DATA\53096_16.D
Operator : MS
Acquired : 30 May 96 6:41 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WD.43A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_16.D
 Analyst: MS
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WD.43A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	63	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	31	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	6	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	16	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	3	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	30	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WD
File: CA\HPCHEM\2\DATA\53096_16.D
ID: FT6045-2WD.43A

Compound	CAS#
Methane, dichloro-	000075-09-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Benzene, 1,3-dimethyl-	000108-38-3
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1,3,5-trimethyl	000108-67-8
Decane	000124-18-5
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1-methyl-4-(1-methylethyl)-	000099-87-6
Undecane	001120-21-4
Naphthalene, 1,2,3,4-tetrahydro-	000119-64-2

File : C:\HPCHEM\2\DATA\51396_10.D
Operator : MS
Acquired : 13 May 96 3:16 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WE.26A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51396_10.D
 Analyst: MS
 Analysis Date: 05/13/96
 Method: CWC
 Sample Name: FT6045_2WE.26A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	3	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	231	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	16	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	7	PPB	
TOLUENE	108-88-3	12	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	6	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WE

Sample Name: FT6045_2WE.26A

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
5	16.16	71.34	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	97
9	20.87	3.88	C:\DATABASE\WILEY138.L Ethane, 1,1,1-trichloro-	121290	000071-55-6	91
13	24.44	4.29	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118021	000108-10-1	90
14	25.54	3.89	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	95
16	28.87	0.74	C:\DATABASE\WILEY138.L Benzene, ethyl-	118560	000100-41-4	93
17	29.12	2.38	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl- Benzene, 1,3-dimethyl-	118587 118578	000106-42-3 000108-38-3	97 97
18	29.95	1.25	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl- Benzene, 1,3-dimethyl- Benzene, 1,4-dimethyl-	118564 118579 118586	000095-47-6 000108-38-3 000106-42-3	95 95 94
19	30.15	1.17	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119789	000111-76-2	72
22	32.08	0.79	C:\DATABASE\WILEY138.L Benzaldehyde	118552	000100-52-7	95

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**Sample: **2402 WE** (continued)

PK#	RT	Area%	Library/ID	Ref#	CAS#	Qual
25	33.10	0.28	C:\DATABASE\WILEY138.L			
			Benzene, 1,3,5-trimethyl-	120037	000108-67-8	93
			Benzene, 1,2,3-trimethyl-	120024	000526-73-8	70
			Benzene, 1,2,4-trimethyl-	120030	000095-63-6	70

File : C:\HPCHEM\2\DATA\51496-12.D
Operator : MS
Acquired : 14 May 96 4:04 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2W~~A~~.28A BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51496-12.D
 Analyst: MS
 Analysis Date: 05/14/96
 Method: CWC
 Sample Name: FT6045-2WA.28A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARYSample: **2402 WE Background**

Sample Name: FT6045-2WA.28A BK

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
2	24.48	40.16	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118017	000108-10-1	76

File : C:\HPCHEM\2\DATA\51396_13.D
Operator : MS
Acquired : 13 May 96 6:28 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WE.27A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51396_13.D
 Analyst: MS
 Analysis Date: 05/13/96
 Method: CWC
 Sample Name: FT6045_2WE.27A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	236	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	11	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	12	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WE

Sample Name: FT6045_2WE.27A

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
3	16.16	80.93	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	97
6	20.87	3.15	C:\DATABASE\WILEY138.L Ethane, 1,1,1-trichloro-	121290	000071-55-6	91
7	24.46	1.98	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	87
8	25.55	4.59	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	95
10	28.87	0.33	C:\DATABASE\WILEY138.L Benzene, ethyl-	118561	000100-41-4	80
			Benzene, 1,2-dimethyl-	118571	000095-47-6	72
11	29.13	1.51	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118576	000108-38-3	95
			Benzene, 1,4-dimethyl-	118586	000106-42-3	95
12	29.96	0.68	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	95
			Benzene, 1,3-dimethyl-	118578	000108-38-3	95
			Benzene, 1,4-dimethyl-	118586	000106-42-3	95

File : C:\HPCHEM\2\DATA\60596_4.D
Operator : lap
Acquired : 5 Jun 96 7:13 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WF.47A re-run
Misc Info : 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 60596_4.D
 Analyst: lap
 Analysis Date: 06/05/96
 Method: CWC
 Sample Name: FT6045-2WF.47A re-run

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	4	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WF
File: C:\HPCHEM2\DATA\60596_4.D
ID: FT6045-2WF.47A re-run

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Sabinene	003387-41-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
DELTA.3-Carene	013466-78-9
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1-methyl-4-(1-methylethyl)-	000099-87-6
dl-Limonene	000138-86-3
2-.BETA.-PINENE	000127-91-3
Benzaldehyde	000100-52-7
Phenol	000108-95-2
2-.BETA.-PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WF (CONTINUED)
File: C:\HPCHEM2\DATA\60596_4.D
ID: FT6045-2WF.47A re-run

Compound	CAS#
Ethanone, 1-phenyl-	000098-86-2
DELTA.3-Carene	013466-78-9
Benzene, 1-ethyl-2,3-dimethyl-	000933-98-2
Cyclohexene, 1-methyl-4-(1-methylethe	005989-27-5
beta.-Phellandrene	000555-10-2
Peroxide, bis(dichlorobenzoyl)	028604-90-2
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\2\DATA\60596_5.D
Operator : lap
Acquired : 5 Jun 96 8:06 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WF.46A re-run
Misc Info : 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 60596_5.D
 Analyst: lap
 Analysis Date: 06/05/96
 Method: CWC
 Sample Name: FT6045-2WF.46A re-run

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WF
File: C:\HPCHEM2\DATA\60596_5.D
ID: FT6045-2WF.46A re-run

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Camphene	000079-92-5
Benzaldehyde	000100-52-7
Phenol	000108-95-2
2-BETA.-PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-3-(1-methylethyl)-	000535-77-3
dl-Limonene	000138-86-3
beta.-Phellandrene	000555-10-2

File : C:\HPCHEM\2\DATA\62096_6.D
Operator : MS
Acquired : 20 Jun 96 12:26 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_2WF.48B BK
Misc Info : 100 TORR; HOLDING TIME EXPIRED
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62096_6.D
Analyst: MS
Analysis Date: 06/20/96
Method: CWC
Sample Name: FT 6045_ZWF_48B BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	641-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: **2402 WF BACKGROUND**
File: C:\HPCHEM\2\DATA\62096_6.D
ID: FT6045_2WF.48B BK

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\2\DATA\53196_13.D
Operator : MS
Acquired : 31 May 96 6:15 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_2WF.48A BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53196_13.D
 Analyst: MS
 Analysis Date: 05/31/96
 Method: CWC
 Sample Name: FT 6045_2WF.48A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	7	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	27	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WF BACKGROUND
File: CA\HPCHEM\2\DATA\53196_13.D
ID: FT6045_2WF.48A BK

Compound	CAS#
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2
Benzene, (1-methylethenyl)-	000098-83-9

File : D:\CWC\SAMPLES\51396_11.D
Operator : MS
Acquired : 13 May 96 4:20 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WG.30A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WG

Sample Name: FT6045_2WG.30A

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
7	24.46	16.44	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	87
8	29.12	3.06	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	94
			Benzene, 1,3-dimethyl-	118575	000108-38-3	93
9	29.95	3.48	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	90
10	30.16	14.41	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119788	000111-76-2	78
11	32.08	3.96	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	95

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51396_11.D
 Analyst: MS
 Analysis Date: 05/13/96
 Method: CWC
 Sample Name: FT6045_2WG.30A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

File : C:\HPCHEM\2\DATA\51796_4.D
Operator : ms
Acquired : 17 May 96 10:06 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WG.29B
Misc Info : NOT PRESS. TO 15 PSI; DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51796_4.D
 Analyst: ms
 Analysis Date: 05/17/96
 Method: CWC
 Sample Name: FT6045_2WG.29B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	2	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WG
File: C:\HPCHEM2\DATA\51796_4.D
ID: FT6045_2WG.29B

Compound	CAS #
Benzene, 1,2-dimethyl-	000095-47-6
Benzene, 1,2-dimethyl-	000095-47-6
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8

File : C:\HPCHEM\2\DATA\51596_7.D
Operator : MS
Acquired : 15 May 96 3:38 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_2WG.31A BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51596_7.D
 Analyst: MS
 Analysis Date: 05/15/96
 Method: CWC
 Sample Name: FT 6045_2WG.31A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WG Background
File: FT 6045_2WG.31A.BK

Libraries: C:\Database\Wiley138.L
C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex
Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
7	24.46	35.13	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118023	000108-10-1	91
8	30.16	6.87	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119789	000111-76-2	72
9	32.09	2.48	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	93
10	33.12	2.72	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	92

File : C:\HPCHEM\2\DATA\51396_8.D
Operator : MS
Acquired : 13 May 96 1:11 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WG.29A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WG

Sample Name: FT6045_2WG.29A

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
7	21.71	3.85	C:\DATABASE\WILEY138.L 1-Butanol	116551	000071-36-3	72
8	24.44	16.54	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118023	000108-10-1	91
10	28.86	0.91	C:\DATABASE\WILEY138.L Benzene, ethyl-	118561	000100-41-4	86
11	29.12	1.31	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl- Benzene, 1,3-dimethyl-	118587 118578	000106-42-3 000108-38-3	93 93
12	29.95	1.39	C:\DATABASE\WILEY138.L XYLENE Benzene, 1,4-dimethyl- Benzene, 1,3-dimethyl-	118580 118587 118578	001330-20-7 000106-42-3 000108-38-3	93 92 92
14	32.07	3.49	C:\DATABASE\WILEY138.L Benzaldehyde	118552	000100-52-7	96
15	33.09	0.88	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	89

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51396_8.D
 Analyst: MS
 Analysis Date: 05/13/96
 Method: CWC
 Sample Name: FT6045_2WG.29A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	4	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	10	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

Not included in data; see
report

File : C:\HPCHEM\2\DATA\53096_5.D
Operator : LAP
Acquired : 30 May 96 7:45 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WH.50B
Misc Info : ZERO AIR DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_5.D
 Analyst: LAP
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WH.50B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	727	PPB	
ACETONE	67-64-1	463	PPB	
2-PROPANOL	67-63-0	241	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	4	PPB	
1,1-DICHLOROETHANE	75-34-3	1	PPB	
2-BUTANONE	78-93-3	2470	PPB	
N-HEXANE	110-54-3	129	PPB	
1,2-DICHLOROETHENE	156-59-2	5	PPB	
CHLOROFORM	67-66-3	2	PPB	
TETRAHYDROFURAN	109-99-9	165	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	4	PPB	
1,2-DICHLOROETHANE	107-06-2	26	PPB	
BENZENE	71-43-2	17	PPB	
CARBON TETRACHLORIDE	56-23-5	8	PPB	
CYCLOHEXANE	110-82-7	5	PPB	
N-BUTANOL	71-36-3	4	PPB	
TRICHLOROETHENE	79-01-6	6	PPB	
4-METHYL-2-PENTANONE	108-10-1	790	PPB	
TOLUENE	108-88-3	11	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	12	PPB	
TETRACHLOROETHENE	127-18-4	7	PPB	
CHLOROBENZENE	108-90-7	9	PPB	
ETHYLBENZENE	100-41-4	14	PPB	
M-XYLENE	108-38-3	15	PPB	
STYRENE	100-42-5	19	PPB	
O-XYLENE	95-47-6	14	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	15	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	21	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	26	PPB	
1,3-DICHLOROBENZENE	541-73-1	17	PPB	
1,2-DICHLOROBENZENE	95-50-1	21	PPB	
1,4-DICHLOROBENZENE	106-46-7	24	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WH
File: C:\HPCHEM\2\DATA\53096_5.D
ID: FT6045-2WH.50B

Compound	CAS#
Ethanol	000064-17-5
2-Propanone	000067-64-1
2-Propanol	000067-63-0
2-Butanone	000078-93-3
Ethene, 1,2-dichloro-, (Z)-	000156-59-2
Acetic acid, trichloro-	000076-03-9
Furan, tetrahydro-	000109-99-9
Ethane, 1,2-dichloro-	000107-06-2
1-Butanol	000071-36-3
1,4-Dioxane	000123-91-1
1-Propanol, 2-methoxy-	001589-47-5
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Ethane, 1,1,2-trichloro-	000079-00-5
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3

Sample: 2402 WH (CONTINUED)
File: C:\HPCHEM\2\DATA\53096_5.D
ID: FT6045-2WH.50B

Compound	CAS#
Styrene	000100-42-5
XYLENE	001330-20-7
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,3-dichloro-	000541-73-1
Benzene, 1,2-dichloro-	000095-50-1
Benzene, 1,2-dichloro-	000095-50-1
Ethanone, 1-phenyl-	000098-86-2
Benzenamine, N,N,2-trimethyl-	000609-72-3
Benzenemethanol, alpha.,alpha.-dime	000617-94-7
Benzaldehyde, ethyl-	053951-50-1

File : C:\HPCHEM\2\DATA\53096_13.D
Operator : MS
Acquired : 30 May 96 3:22 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WH.49A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_13.D
 Analyst: MS
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WH.49A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROENZENE	541-73-1	0	PPB	
1,2-DICHLOROENZENE	95-50-1	0	PPB	
1,4-DICHLOROENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WH
File: C:\HPCHEM\2\DATA\53096_13.D
ID: FT6045-2WH.49A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
XYLENE	001330-20-7
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8
Decane	000124-18-5

File : C:\HPCHEM\2\DATA\53196_14.D
Operator : MS
Acquired : 31 May 96 7:16 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_2WH.50A RERUN
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53196_14.D
Analyst: MS
Analysis Date: 05/31/96
Method: CWC
Sample Name: FT 6045_ZWH.50A RERUN

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	11	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WH
File: C:\HPCHEM\2\DATA\53196_14.D
ID: FT6045_2WH.50A RERUN

Compound	CAS #
1,3-Butadiene, 2-methyl-	000078-79-5
2-Pentanone, 4-methyl-	000108-10-1
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\2\DATA\53096_17.D
Operator : MS
Acquired : 30 May 96 7:51 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WH.51A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_17.D
 Analyst: MS
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WH.51A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: 2402WH
File: C:\HPCHEM\2\DATA\53096_17.D
ID: FT6045-2WH.51A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: **2402WH**
File: CAHPCHEM2\DATA\53096_17.D
ID: FT6045-2WH.51A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\2\DATA\51796_3.D
Operator : ms
Acquired : 17 May 96 8:57 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WI.32B
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51796_3.D
 Analyst: ms
 Analysis Date: 05/17/96
 Method: CWC
 Sample Name: FT6045_2WI.32B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	2	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	24	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	51	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WI
File: C:\HPCHEM2\DATA\51796_3.D
ID: FT6045_2WI.32B

Compound	CAS #
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,2-dichloro-	000095-50-1

File : C:\HPCHEM\2\DATA\51696_7.D
Operator : ms
Acquired : 16 May 96 4:31 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WI.34A BK
Misc Info : RERUN; 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51696_7.D
 Analyst: ms
 Analysis Date: 05/16/96
 Method: CWC
 Sample Name: FT6045_2WI.34A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	11	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	35	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 W1 Background
File: C:\HPCHEM2\DATA\51696_7.D
ID: FT6045_2W1.34A BK

Compound	CAS #
1-Butanol	000071-36-3
2-Propanol, 1-methoxy-	000107-98-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, 1,4-dimethyl-	000106-42-3
Styrene	000100-42-5
XYLENE	01330-20-7 95
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\2\DATA\51396_9.D
Operator : MS
Acquired : 13 May 96 2:14 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045_2WI.32A
Misc Info : DELTA P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

51396_9.D

File Name:

Analyst:

Analysis Date:

MS

Method:

CWC

Sample Name:

FT6045_ZWI.32A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	7	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 W1
Sample Name: FT6045_2W1.32A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

Unknown Spectrum: Apex
Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
6	21.72	5.40	C:\DATABASE\WILEY138.L 1-Butanol	116551	000071-36-3	72
8	24.44	27.86	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	90
10	29.11	2.34	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118578	000108-38-3	92
11	29.94	1.97	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	91
14	32.07	5.15	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	96
15	33.09	1.68	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	90

File : C:\HPCHEM\2\DATA\51496-10.D
Operator : MS
Acquired : 14 May 96 1:54 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WI.33A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51496-10.D
 Analyst: MS
 Analysis Date: 05/14/96
 Method: CWC
 Sample Name: FT6045-2WI.33A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	7	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WI

Sample Name: FT6045-2WI.33A

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
2	24.45	55.72	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	91

File : C:\HPCHEM\2\DATA\53096_6.D
Operator : LAP
Acquired : 30 May 96 8:36 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WJ.52A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_6.D
 Analyst: LAP
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WJ.52A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	6	PPB	
ACETONE	67-64-1	39	PPB	
2-PROPANOL	67-63-0	22	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	245	PPB	
N-HEXANE	110-54-3	14	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	24	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	6	PPB	
BENZENE	71-43-2	3	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	336	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	345	PPB	
TOLUENE	108-88-3	37	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	2	PPB	
ETHYLBENZENE	100-41-4	5	PPB	
M-XYLENE	108-38-3	8	PPB	
STYRENE	100-42-5	7	PPB	
O-XYLENE	95-47-6	6	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	3	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	14	PPB	
1,3-DICHLOROBENZENE	541-73-1	4	PPB	
1,2-DICHLOROBENZENE	95-50-1	6	PPB	
1,4-DICHLOROBENZENE	106-46-7	6	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WJ
File: C:\HPCHEM\2\DATA\53096_6.D
ID: FT6045-2WJ.52A

Compound	CAS#
2-Butanone	000078-93-3
Furan, tetrahydro-	000109-99-9
Ethane, 1,2-dichloro	000107-06-2
1-Butanol	000071-36-3
2-Propanol, 1-methoxy-	000107-98-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Styrene	000100-42-5
XYLENE	001330-20-7
Ethanol, 2-butoxy-	000111-76-2
ALPHA -PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,2,4-trimethyl-	000095-63-6
2-BETA -PINENE	000127-91-3
Benzene, 1,3,5-trimethyl-	000108-67-8

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WJ (CONTINUED)
File: C:\HPCHEM\2\DATA\53096_6.D
ID: FT6045-2WJ.52A

Compound	CAS#
DELTA.3-Carene	013466-78-9
Benzene, 1,3-dichloro-	000541-73-1
Benzene, 1-methyl-4-(1-methylethyl)-	000099-87-6
Cyclohexene, 1-methyl-4-(1-methylethe	005989-27-5
Benzene, 1,2-dichloro-	0095-50-1
Ethanone, 1-phenyl-	0098-86-2
Benzenemethanol, alpha.,alpha.-dime	000617-94-7
2,3-DIMETHYLBENZALDEHYDE	005779-93-1
Benzaldehyde, 3,4-dimethyl-	005973-71-7

File : C:\HPCHEM\2\DATA\53096_7.D
Operator : LAP
Acquired : 30 May 96 9:37 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WJ.54A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_7.D
 Analyst: LAP
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WJ.54A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	2	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	85	PPB	
N-HEXANE	110-54-3	4	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	6	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	100	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	142	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	3	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	7	PPB	
1,3-DICHLOROBENZENE	541-73-1	2	PPB	
1,2-DICHLOROBENZENE	95-50-1	2	PPB	
1,4-DICHLOROBENZENE	106-46-7	3	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **2402 WJ BACKGROUND**
File: C:\HPCHEM\2\DATA\53096_7.D
ID: FT6045-2WJ.54A

Compound	CAS#
1-Butanol	000071-36-3
2-Propanol, 1-methoxy-	000107-98-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\2\DATA\53096_9.D
Operator : LAP
Acquired : 30 May 96 11:16 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WJ.53A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_9.D
 Analyst: LAP
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WJ.53A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	18	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	25	PPB	
TOLUENE	108-88-3	22	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WJ
File: C:\HPCHEM\2\DATA\53096_9.D
ID: FT6045-2WJ.53A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, 1,3-dimethyl-	000108-38-3
alpha -Pinene	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8
DELTA.3-Carene	013466-78-9
Peroxide, bis(dichlorobenzoyl)	028604-90-2

File : D:\CWC\SAMPLES\51496-7.D
Operator : lap
Acquired : 14 May 96 10:30 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WK.37A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51496-7.D
 Analyst: lap
 Analysis Date: 05/14/96
 Method: CWC
 Sample Name: FT6045-2WK.37A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	13	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	32	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **2402 WK**

Sample Name: FT6045-2WK.37A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
7	21.70	4.84	C:\DATABASE\WILEY138.L 1-Butanol	116554	000071-36-3	90
10	24.45	20.11	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	91
12	28.89	0.32	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl- Benzene, ethyl-	118571 118561	000095-47-6 000100-41-4	83 80
13	29.14	0.30	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl- XYLENE Benzene, 1,3-dimethyl-	118571 118580 118578	000095-47-6 001330-20-7 000108-38-3	91 90 87
14	29.86	0.26	C:\DATABASE\WILEY138.L Styrene 1,3,5,7-Cyclooctatetraene	118481 118487	000100-42-5 000629-20-9	92 91
15	29.96	0.34	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	91
16	30.21	46.06	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119786	000111-76-2	90
17	32.08	2.44	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	97

Sample: 2402 WK (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
18	32.29	0.24	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	86
19	33.11	0.58	C:\DATABASE\WILEY138.L Benzene, 1,2,3-trimethyl-	4145	000526-73-8	95
			Benzene, 1,3,5-trimethyl-	4147	000108-67-8	95
20	33.76	0.39	C:\DATABASE\WILEY138.L Benzene, 1,2-dichloro-	11151	000095-50-1	97
			Benzene, 1,4-dichloro-	11154	000106-46-7	96
21	34.49	0.28	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	96
			Benzene, 1,3-dichloro-	123079	000541-73-1	96
22	35.23	0.69	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119988	000098-86-2	95

File : D:\CWC\SAMPLES\51496-8.D
Operator : lap
Acquired : 14 May 96 11:25 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WK.38A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51496-8.D
 Analyst: lap
 Analysis Date: 05/14/96
 Method: CWC
 Sample Name: FT6045-2WK.38A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	8	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WK

Sample Name: FT6045-2WK.38A

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
5	24.46	14.44	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118021	000108-10-1	91
6	29.14	0.73	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl- XYLENE	118571 118580	000095-47-6 001330-20-7	91 83
7	29.96	0.71	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl- XYLENE	118571 118580	000095-47-6 001330-20-7	91 89
8	30.22	48.68	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119786	000111-76-2	90
9	32.09	3.18	C:\DATABASE\WILEY138.L Benzaldehyde	1777	000100-52-7	94
10	33.11	0.93	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	87

File : D:\CWC\SAMPLES\51496-13.D
Operator : MS
Acquired : 14 May 96 5:11 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WK.39A BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 51496-13.D
 Analyst: MS
 Analysis Date: 05/14/96
 Method: CWC
 Sample Name: FT6045-2WK.39A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARYSample: **2402 WK Background**

Sample Name: FT6045-2WK.39A BK

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
4	24.48	20.95	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118017	000108-10-1	76

File : C:\HPCHEM\2\DATA\60396_6.D
Operator : MS
Acquired : 3 Jun 96 4:06 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045-2WL.56A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 60396_6.D
 Analyst: MS
 Analysis Date: 06/03/96
 Method: CWC
 Sample Name: FT 6045_2WL.56A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	168	PPB	
ACETONE	67-64-1	97	PPB	
2-PROPANOL	67-63-0	26	PPB	
1,1-DICHLOROETHENE	75-35-4	2	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	773	PPB	
N-HEXANE	110-54-3	40	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	84	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	4	PPB	
BENZENE	71-43-2	7	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	545	PPB	
TRICHLOROETHENE	79-01-6	5	PPB	
4-METHYL-2-PENTANONE	108-10-1	340	PPB	
TOLUENE	108-88-3	5	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	4	PPB	
ETHYLBENZENE	100-41-4	6	PPB	
M-XYLENE	108-38-3	7	PPB	
STYRENE	100-42-5	9	PPB	
O-XYLENE	95-47-6	7	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	2	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	12	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	18	PPB	
1,3-DICHLOROBENZENE	541-73-1	9	PPB	
1,2-DICHLOROBENZENE	95-50-1	12	PPB	
1,4-DICHLOROBENZENE	106-46-7	15	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WL
File: C:\HPCHEM\2\DATA\60396_6.D
ID: FT6045_2WL.56A

Compound	CAS#
Glycidol	000556-52-5
Ethanol	000064-17-5
2-Propanone	000067-64-1
2-Propanol	000067-63-0
Ethene, 1,1-dichloro-	000075-35-4
Ethane, 1,1-dichloro-	000075-34-3
2-Butanone	000078-93-3
Ethene, 1,2-dichloro-, (Z)-	000156-59-2
Chloroform	000067-66-3
Furan, tetrahydro-	000109-99-9
Ethane, 1,2-dichloro-	000107-06-2
Benzene	000071-43-2
1-Butanol	000071-36-3
Ethene, trichloro-	000079-01-6
1,4-Dioxane	000123-91-1
Propanoic acid, 2-hydroxy-2-methyl-,	002110-78-3
2-Pentanone, 4-methyl-	000108-10-1

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WL (CONTINUED)
File: C:\HPCHEM2\DATA\60396_6.D
ID: FT6045_2WL.56A

Compound	CAS#
Benzene, methyl-	000108-88-3
Ethane, 1,1,2-trichloro-	000079-00-5
Hexanal	000066-25-1
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
2-Heptanone	000110-43-0
Styrene	000100-42-5
XYLENE	001330-20-7
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,3-dichloro-	000541-73-1
Benzene, 1-methyl-3-(1-methylethyl)-	000535-77-3
Benzene, 1,2-dichloro-	000095-50-1
Nonanal	000124-19-6
Benzaldehyde, 3,4-dimethyl-	005973-71-7
2,3-DIMETHYLBENZALDEHYDE	005779-93-1

File : C:\HPCHEM\2\DATA\53196_12.D
Operator : MS
Acquired : 31 May 96 5:16 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045 2WL.55A
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53196_12.D
 Analyst: MS
 Analysis Date: 05/31/96
 Method: CWC
 Sample Name: FT 6045_2WL.55A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	15	PPB	
ACETONE	67-64-1	3	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	16	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	25	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	107	PPB	
TOLUENE	108-88-3	1	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	1	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	6	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WL
File: C:\HPCHEM\2\DATA\53196_12.D
ID: FT6045_2WL.55A

Compound	CAS#
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Styrene	000100-42-5
XYLENE	001330-20-7
Ethanol, 2-butoxy-	000111-76-2
Decane, 2,2,8-trimethyl-	062238-01-1
Benzaldehyde	000100-52-7
Phenol	000108-95-2
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,3-dichloro-	000541-73-1
Hexadecane	000544-76-3
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2
Benzene, (1-methylethenyl)-	000098-83-9

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WL (CONTINUED)
File: C:\HPCHEM\2\DATA\53196_12.D
ID: FT6045_2WL.55A

Compound	CAS#
Nonanal	000124-19-6
Benzaldehyde, 3,4-dimethyl-	005973-71-7
2,3-DIMETHYLBENZALDEHYDE	005779-93-1
Benzaldehyde, ethyl-	053951-50-1

File : C:\HPCHEM\2\DATA\53096_18.D
Operator : MS
Acquired : 30 May 96 8:49 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-2WL.57A BK
Misc Info : DELTA P = 100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 53096_18.D
 Analyst: MS
 Analysis Date: 05/30/96
 Method: CWC
 Sample Name: FT6045-2WL.57A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2402 WL BACKGROUND
File: C:\HPCHEM\2\DATA\53096_18.D
ID: FT6045-2WL.57A BK

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1 87
Ethanol, 2-butoxy-	000111-76-2 80
Benzaldehyde	000100-52-7 91
Phenol	000108-95-2 81
Benzene, 1,3,5-trimethyl-	000108-67-8 90

A.3 CWC 2403 BUILDINGS

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File : C:\HPCHEM\2\DATA\61396_5.D
Operator : LAP
Acquired : 13 Jun 96 11:23 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WA.62A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61396_5.D
 Analyst: LAP
 Analysis Date: 06/13/96
 Method: CWC
 Sample Name: FT6045-3WA.62A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	60	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	18	PPB	
N-HEXANE	110-54-3	6	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	56	PPB	
1,2-DICHLOROETHANE	107-06-2	4	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	8	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	24	PPB	
TOLUENE	108-88-3	8	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	6	PPB	
STYRENE	100-42-5	4	PPB	
O-XYLENE	95-47-6	3	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	2	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	4	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	14	PPB	
1,3-DICHLOROBENZENE	541-73-1	3	PPB	
1,2-DICHLOROBENZENE	95-50-1	5	PPB	
1,4-DICHLOROBENZENE	106-46-7	7	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA
File: C:\HPCHEM\2\DATA\61396_5.D
ID: FT6045-3WA.62A

Compound	CAS#
Methane, dichloro-	000075-09-2
2-Butanone	000078-93-3
Hexane	000110-54-3
Furan, tetrahydro-	000109-99-9
Ethane, 1,1,1-trichloro-	0 000071-55-6
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Ethene, tetrachloro-	000127-18-4
Benzene, chloro-	000108-90-7
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
Ethane, 1,1,2,2-tetrachloro-	000079-34-5
ALPHA-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA (CONTINUED)
File: C:\HPCHEM\2\DATA\61396_5.D
ID: FT6045-3WA.62A

Compound	CAS#
Benzene, 1,3,5-trimethyl-	000108-67-8
2-.BETA.-PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,4-dichloro-	000106-46-7
DELTA.3-Carene	013466-78-9
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
dl-Limonene	000138-86-3
Benzene, 1,2-dichloro-	000095-50-1
Ethanone, 1-phenyl-	000098-86-2
Benzenemethanol, .alpha.,.alpha.-dime	000617-94-7

File : C:\HPCHEM\2\DATA\61396_6.D
Operator : LAP
Acquired : 13 Jun 96 1:18 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WA.64A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61396_6.D
 Analyst: LAP
 Analysis Date: 06/13/96
 Method: CWC
 Sample Name: FT6045-3WA.64A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	3	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	38	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	4	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	16	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	8	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	4	PPB	
STYRENE	100-42-5	1	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA
 File: CA\HPCHEM\2\DATA\61396_6.D
 ID: FT6045-3WA.64A

Compound	CAS#
Methane, dichloro-	000075-09-2
Hexane	000110-54-3
Ethane, 1,1,1-trichloro-	000071-55-6
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Styrene	000100-42-5
XYLENE	001330-20-7
Ethane, 1,1,2,2-tetrachloro-	000079-34-5
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
2-BETA.-PINENE	000127-91-3
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,4-dichloro-	000106-46-7
DELTA.-4-CARENE	000554-61-0

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA (CONTINUED)
File: C:\HPCHEM\2\DATA\61396_6.D
ID: FT6045-3WA.64A

Compound	CAS#
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1-methyl-4-(1-methylethyl)-	000099-87-6
l-Limonene	005989-54-8

File : C:\HPCHEM\2\DATA\61296_8.D
Operator : LAP
Acquired : 12 Jun 96 2:48 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WA.65A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61296_8.D
 Analyst: LAP
 Analysis Date: 06/12/96
 Method: CWC
 Sample Name: FT6045-3WA.65A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	10	PPB	
ACETONE	67-64-1	15	PPB	
2-PROPANOL	67-63-0	3	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	133	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	19	PPB	
N-HEXANE	110-54-3	12	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	35	PPB	
1,2-DICHLOROETHANE	107-06-2	3	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	40	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	87	PPB	
TOLUENE	108-88-3	21	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	4	PPB	
CHLOROBENZENE	108-90-7	2	PPB	
ETHYLBENZENE	100-41-4	6	PPB	
M-XYLENE	108-38-3	14	PPB	
STYRENE	100-42-5	3	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	6	PPB	
1,3-DICHLOROBENZENE	541-73-1	3	PPB	
1,2-DICHLOROBENZENE	95-50-1	4	PPB	
1,4-DICHLOROBENZENE	106-46-7	3	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA
File: C:\HPCHEM\2\DATA\61296_8.D
ID: FT6045-3WA.65A

Compound	CAS#
Methane, dichloro-	000075-09-2
Ethane, 1,1,1-trichloro-	000071-55-6
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Hexanal	000066-25-1
Ethene, tetrachloro-	000127-18-4
Benzene, chloro-	000108-90-7
Benzene, 1,2-dimethyl-	000095-47-6
2-Heptanone	000110-43-0
Styrene	000100-42-5
Benzene, 1,3-dimethyl-	000108-38-3
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Phenol	000108-95-2
2-.BETA.-PINENE	000127-91-3

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA (CONTINUED)
File: C:\HPCHEM\2\DATA\61296_8.D
ID: FT6045-3WA.65A

Compound	CAS#
Decane	000124-18-5
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,4-dichloro-	000106-46-7
DELTA.3-Carene	013466-78-9
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
dl-Limonene	000138-86-3
Beta.-Phellandrene	000555-10-2
Benzene, 1,3-dichloro-	000541-73-1
Ethanone, 1-phenyl-	000098-86-2
Undecane	001120-21-4

File : C:\HPCHEM\2\DATA\61396_8.D
Operator : MS
Acquired : 13 Jun 96 3:38 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WA.62B
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61396_8.D
 Analyst: MS
 Analysis Date: 06/13/96
 Method: CWC
 Sample Name: FT6045-3WA.62B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	3	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	53	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	6	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	83	PPB	
1,2-DICHLOROETHANE	107-06-2	7	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	6	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	4	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA
File: C:\HPCHEM2\DATA\61396_8.D
ID: FT6045-3WA.62B

Compound	CAS#
Methane, trichlorofluoro-	000075-69-4
Methane, dichloro-	000075-09-2
Hexane	000110-54-3
Cyclopentane, methyl-	000096-37-7
Ethane, 1,1,1-trichloro-	000071-55-6
Pentanal	000110-62-3
Ethene, trichloro-	000079-01-6
1,4-Dioxane	000123-91-1
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Hexanal	000066-25-1
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
2-Heptanone	000110-43-0
Benzene, 1,3-dimethyl-	000108-38-3
ALPHA.-PINENE, (-)-	000080-56-8

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA (CONTINUED)
File: CA\HPCHEM\2\DATA\61396_8.D
ID: FT6045-3WA.62B

Compound	CAS#
Benzaldehyde	000100-52-7
2-BETA-PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-4-(1-methylethyl)-	000099-87-6
dl-Limonene	000138-86-3

File : C:\HPCHEM\2\DATA\61396_7.D
Operator : LAP
Acquired : 13 Jun 96 2:12 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WA.66A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61396_7.D
 Analyst: LAP
 Analysis Date: 06/13/96
 Method: CWC
 Sample Name: FT6045-3WA.66A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	4	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403WA BACKGROUND
File: C:\HPCHEM\2\DATA\61396_7.D
ID: FT6045-3WA 66A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, 1,2-dimethyl-	000095-47-6
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,2-dichloro-	000095-50-1
Benzene, 1,3-dichloro-	000541-73-1
Benzene, 1,2-dichloro-	000095-50-1

File : C:\HPCHEM\2\DATA\61296_9.D
Operator : LAP
Acquired : 12 Jun 96 3:41 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WA.67A
Misc Info : DELTA P=100 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

61296 9.D

File Name:

Analyst:

Analysis Date:

LAP

Method:

CWC

Sample Name:

FT6045-3WA.67A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	23	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	36	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	2	PPB	
1,2-DICHLOROBENZENE	95-50-1	2	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA
File: C:\HPCHEM\2\DATA\61296_9.D
ID: FT6045-3WA.67A

Compound	CAS#
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, chloro-	000108-90-7
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Styrene	00100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Phenol	000108-95-2
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,3-dichloro-	000541-73-1
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2
Benzene, (1-methylethenyl)-	000098-83-9

File : C:\HPCHEM\2\DATA\61496_9.D
Operator : MS
Acquired : 14 Jun 96 5:20 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045-3WA.63A
Misc Info : DELTA P=100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 61496_9.D
 Analyst: MS
 Analysis Date: 06/14/96
 Method: CWC
 Sample Name: FT 6045-3WA.63A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	73	PPB	
ACETONE	67-64-1	42	PPB	
2-PROPANOL	67-63-0	29	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	31	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	276	PPB	
N-HEXANE	110-54-3	17	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	23	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	14	PPB	
1,2-DICHLOROETHANE	107-06-2	4	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	203	PPB	
TRICHLOROETHENE	79-01-6	5	PPB	
4-METHYL-2-PENTANONE	108-10-1	189	PPB	
TOLUENE	108-88-3	9	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	2	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	5	PPB	
STYRENE	100-42-5	4	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	3	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	8	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	10	PPB	
1,3-DICHLOROBENZENE	541-73-1	9	PPB	
1,2-DICHLOROBENZENE	95-50-1	11	PPB	
1,4-DICHLOROBENZENE	106-46-7	12	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA
File: C:\HPCHEM2\DATA\61496_9.D
ID: FT6045-3WA.63A

Compound	CAS#
Ethanol	000064-17-5
2-Propanone	000067-64-1
2-Propanol	000067-63-0
Methane, dichloro-	000075-09-2
Butanal	000123-72-8
1-Hexyn-3-ol	000105-31-7
2-Butanone	000078-93-3
Ethene, 1,2-dichloro-, (E)-	000156-60-5
Furan, tetrahydro-	000109-99-9
2-Butanol, 2-methyl-	000075-85-4
Ethane, 1,1,1-trichloro-	000071-55-6
Ethane, 1,2-dichloro-	000107-06-2
1-Butanol	000071-36-3
2-Pentanone	000107-87-9
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA (Continued)
File: C:\HPCHEM2\DATA\61496_9.D
ID: FT6045-3WA.63A

Compound	CAS#
2-Hexanone	000591-78-6
Hexanal	000066-25-1
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Styrene	000100-42-5
Benzene, 1,3-dimethyl-	000108-38-3
Ethanol, 2-butoxy-	000111-76-2
Ethane, 1,1,2,2-tetrachloro-	000079-34-5
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
2-BETA.-PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WA (CONTINUED)
File: C:\HPCHEM2\DATA\61496_9.D
ID: FT6045-3WA.63A

Compound	CAS#
Benzene, 1,4-dichloro-	000106-46-7
DELTA.3-Carene	013466-78-9
Benzene, 1,2-dichloro-	000095-50-1
Benzene, 1-ethyl-2,3-dimethyl-	00933-98-2
dl-Limonene	000138-86-3
Benzene, 1,2-dichloro-	000095-50-1
Ethanone, 1-phenyl-	000098-86-2
Nonanal	000124-19-6
Benzaldehyde, ethyl-	053951-50-1
Benzaldehyde, 3,4-dimethyl-	005973-71-7
Benzaldehyde, ethyl-	053951-50-1
Benzaldehyde, ethyl-	053951-50-1

File : C:\HPCHEM\1\DATA\72296_6.D
Operator : LAP
Acquired : 24 Mar 153 2:35 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WB.95B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72296_6.D
Analyst: LAP
Analysis Date: #VALUE!
Method: CWC
Sample Name: FT6045-3WB.95B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	9	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	26	PPB	
CYCLOHEXANE	110-82-7	5	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	13	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	6	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WB
File: C:\HPCHEM\2\DATA\72296_6.D
ID: FT6045-3WB.95B

Compound	CAS#
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
ALPHA -PINENE, (-)-	000080-56-8

File : C:\HPCHEM\1\DATA\70996_6.D
Operator : MS
Acquired : 9 Jul 96 9:53 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_3WB.97A
Misc Info : Delta P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 70996_6.D
 Analyst: MS
 Analysis Date: 07/09/96
 Method: CWC
 Sample Name: FT 6045_3WB.97A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	7	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	10	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	11	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WB
File: C:\HPCHEM\2\DATA\70996_6.D
ID: FT6045_3WB.97A

Compound	CAS#
Methane, trichlorofluoro-	000075-69-4
Methane, tetrachloro-	000056-23-5
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1,3,5-trimethyl-	000108-67-8
DELTA.3-Carene	013466-78-9
Benzene, 4-ethyl-1,2-dimethyl-	000934-80-5

File : C:\HPCHEM\1\DATA\71096_6.D
Operator : LAP
Acquired : 10 Jul 96 9:25 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WB.98A
Misc Info : Delta P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71096_6.D
Analyst: LAP
Analysis Date: 07/10/96
Method: CWC
Sample Name: FT6045-3WB.98A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	4	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	7	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WB
File: C:\HPCHEM\2\DATA\71096_6.D
ID: FT6045-3WB 98A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
Styrene	000100-42-5
Benzene, 1,4-dimethyl-	000106-42-3
Ethane, 1,1,2,2-tetrachloro-	000079-34-5
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,2-dichloro-	000095-50-1

File : C:\HPCHEM\1\DATA\70996_7.D
Operator : MS
Acquired : 9 Jul 96 11:04 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_3WB.94A
Misc Info : Delta P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 70996_7.D
 Analyst: MS
 Analysis Date: 07/09/96
 Method: CWC
 Sample Name: FT 6045_3WB.94A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	8	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	1	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	11	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WB
File: C:\HPCHEM\2\DATA\70996_7.D
ID: FT6045_3WB.94A

Compound	CAS#
Methane, trichlorofluoro-	000075-69-4
Methane, tetrachloro-	000056-23-5
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Acetic acid, 2-methylpropyl ester	000110-19-0
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
XYLENE	001330-20-7
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1,2,3-trimethyl-	000526-73-8
2-BETA.-PINENE	000127-91-3
DELTA.3-Carene	013466-78-9
Benzene, 1-ethyl-2,3-dimethyl-	000933-98-2
Cyclohexene, 1-methyl-4-(1-methylethe	005989-27-5

File : C:\HPCHEM\1\DATA\CWC\SAMPLES\71096_10.D
Operator : MS
Acquired : 12 Mar 153 10:55 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_3WB.99A BK
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71096_10.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_3WB.99A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	6	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **2403 WB BACKGROUND**
File: C:\HPCHEM\2\DATA\71096_10.D
ID: FT6045_3WB.99A BK

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
3-Heptanone	000106-35-4
Styrene	000100-42-5
Benzene, 1,3-dimethyl-	000108-38-3
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,3-dichloro-	000541-73-1

File : C:\HPCHEM\1\DATA\CWC\SAMPLES\71096_11.D
Operator : MS
Acquired : 12 Mar 153 11:55 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045 3WB.96A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71096_11.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_3WB.96A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	3	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	4	PPB	
CARBON TETRACHLORIDE	56-23-5	10	PPB	
CYCLOHEXANE	110-82-7	4	PPB	
N-BUTANOL	71-36-3	4	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	11	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WB
 File: C:\HPCHEM\2\DATA\71096_11.D
 ID: FT6045_3WB.96A

Compound	CAS#
Methane, trichlorofluoro-	000075-69-4
Pentane, 2-methyl-	000107-83-5
Hexane	000110-54-3
1-Propanol, 2-methyl-	000078-83-1
Methane, tetrachloro-	000056-23-5
Hexane, 3-methyl-	000589-34-4
Cyclohexane, methyl-	000108-87-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Acetic acid, 2-methylpropyl ester	000110-19-0
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Benzene, 1,4-dimethyl-	000106-42-3
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1,3,5-trimethyl-	000108-67-8
1-.beta.-Pinene	018172-67-3
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4

File : C:\HPCHEM\1\DATA\CWC\SAMPLES\71096_13.D
Operator : MS
Acquired : 13 Mar 153 1:50 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_3WB.95A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71096_13.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_3WB.95A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	13	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	1	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	11	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WB
 File: C:\HPCHEM\2\DATA\71096_13.D
 ID: FT6045_3WB.95A

Compound	CAS#
Methane, trichlorofluoro-	000075-69-4
1-Propanol, 2-methyl-	000078-83-1
Methane, tetrachloro-	000056-23-5
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Acetic acid, 2-methylpropyl ester	000110-19-0
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
Benzene, 1,3-dimethyl-	000108-38-3
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1,2,3-trimethyl-	000526-73-8
2-.BETA.-PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6
DELTA.3-Carene	013466-78-9

File : C:\HPCHEM\1\DATA\72296_4.D
Operator : LAP
Acquired : 24 Mar 153 12:46 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WC.86B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72296_4.D
 Analyst: LAP
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-3WC.86B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	3	PPB	
ACETONE	67-64-1	6	PPB	
2-PROPANOL	67-63-0	2	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	5	PPB	
DICHLOROMETHANE	75-09-2	107	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	18	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	62	PPB	
1,2-DICHLOROETHANE	107-06-2	5	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	8	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	96	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	4	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	58	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	6	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	3	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC
 File: C:\HPCHEM2\DATA\72296_4.D
 ID: FT6045-3WC.86B

Compound	CAS#
Bicyclo[2.2.1]heptan-2-one, 1,7,7-tri	013559-66-5
Methane, dichloro-	000075-09-2
Ethane, 1,1,1-trichloro-	000071-55-6
1-Bromobicyclo[4.3.1]decan-8-one	070576-35-1
1-Butanol	000071-36-3
Ethene, trichloro-	000079-01-6
Benzene, methyl-	000108-88-3
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
XYLENE	001330-20-7
ALPHA.-PINENE, (-)-	000080-56-8
2-.BETA.-PINENE	000127-91-3
Benzene, 1,3,5-trimethyl-	000108-67-8
DELTA.3-Carene	013466-78-9
Decane	000124-18-5
Dodecane	000112-40-3

File : C:\HPCHEM\1\DATA\70996_5.D
Operator : LAP
Acquired : 9 Jul 96 8:31 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_3WC.88A BK
Misc Info : Delta P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 70996_5.D
 Analyst: LAP
 Analysis Date: 07/09/96
 Method: CWC
 Sample Name: FT 6045_3WC.88A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	3	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	140	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	7	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	3	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	7	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	18	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	4	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC BACKGROUND
File: C:\HPCHEM2\DATA\70996_5.D
ID: FT6045_3WC.88A BK

Compound	CAS#
Methanamine, N-methyl-	000124-40-3
Ethanamine, N-methyl-	000624-78-2
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Chlorobenzene-D5	000000-00-0
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Styrene	000100-42-5
Benzene, 1,4-dimethyl-	000106-42-3
Ethanol, 2-butoxy-	000111-76-2
2-Octanamine, N-(1-methylheptyl)-	005412-92-0
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,4-dichloro-	000106-46-7
Dodecane	000112-40-3

File : C:\HPCHEM\1\DATA\71096_5.D
Operator : LAP
Acquired : 10 Jul 96 8:25 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WC.89A
Misc Info : Delta P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71096_5.D
 Analyst: LAP
 Analysis Date: 07/10/96
 Method: CWC
 Sample Name: FT6045-3WC.89A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	6	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	17	PPB	
TOLUENE	108-88-3	1	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	5	PPB	
M-XYLENE	108-38-3	6	PPB	
STYRENE	100-42-5	6	PPB	
O-XYLENE	95-47-6	10	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	4	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	23	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	31	PPB	
1,3-DICHLOROBENZENE	541-73-1	6	PPB	
1,2-DICHLOROBENZENE	95-50-1	6	PPB	
1,4-DICHLOROBENZENE	106-46-7	13	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC
File: C:\HPCHEM\2\DATA\71096_5.D
ID: FT6045-3WC.89A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, chloro-	000108-90-7
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
1,3,5,7-Cyclooctatetraene	000629-20-9
XYLENE	001330-20-7
Ethane, 1,1,2,2-tetrachloro-	000079-34-5
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,3-dichloro-	000541-73-1

File : C:\HPCHEM\1\DATA\62596_8.D
Operator : LAP
Acquired : 25 Jun 96 10:24 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WC.84A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_8.D
 Analyst: LAP
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WC.84A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	13	PPB	
ACETONE	67-64-1	8	PPB	
2-PROPANOL	67-63-0	3	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	57	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	40	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	16	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	45	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	45	PPB	
TOLUENE	108-88-3	6	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	27	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	4	PPB	
M-XYLENE	108-38-3	8	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	4	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	6	PPB	
1,3-DICHLOROBENZENE	541-73-1	2	PPB	
1,2-DICHLOROBENZENE	95-50-1	2	PPB	
1,4-DICHLOROBENZENE	106-46-7	3	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC
File: C:\HPCHEM\2\DATA\62596_8.D
ID: FT6045-3WC.84A

Compound	CAS#
Methane, dichloro-	000075-09-2
2-Butanone	000078-93-3
Furan, tetrahydro-	000109-99-9
Ethane, 1,1,1-trichloro-	000071-55-6
1-Butanol	000071-36-3
2-Propanol, 1-methoxy-	000107-98-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Ethene, tetrachloro-	000127-18-4
Benzene, chloro-	000108-90-7
Benzene, ethyl-	000100-41-4
Benzene, 1,2-dimethyl-	000095-47-6
3-Heptanone	000106-35-4
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
71	
Ethanol, 2-butoxy-	000111-76-2
Ethane, 1,1,2,2-tetrachloro-	000079-34-5

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC
File: C:\HPCHEM\2\DATA\62596_8.D
ID: FT6045-3WC.84A

Compound	CAS#
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1-ethyl-2,3-dimethyl-	000933-98-2
dl-Limonene	000138-86-3
Benzene, 1,2-dichloro-	000095-50-1
Benzenemethanol, alpha.-methyl-	000098-85-1
Ethanone, 1-phenyl-	000098-86-2
Benzenemethanol, alpha.-ethenyl	004393-06-0
Benzenemethanol, ar-ethenyl-	030584-69-1
1H-Inden-5-ol, 2,3-dihydro-	001470-94-6

File : C:\HPCHEM\1\DATA\62796_10.D
Operator : MS
Acquired : 27 Jun 96 4:53 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045- 3WC.85A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

62796_10.D

File Name:

Analyst:

Analysis Date:

06/27/96

Method:

CWC

Sample Name:

FT 6045- 3WC.85A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	4	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	63	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	12	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	4	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	21	PPB	
CHLOROBEENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	7	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBEENZENE	541-73-1	0	PPB	
1,2-DICHLOROBEENZENE	95-50-1	0	PPB	
1,4-DICHLOROBEENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC
File: C:\HPCHEM\2\DATA\62796_10.D
ID: FT6045- 3WC.85A

Compound	CAS#
Methane, dichloro-	000075-09-2
Ethane, 1,1,1-trichloro-	000071-55-6
Methane, tetrachloro-	000056-23-5
Pentanal	000110-62-3
Ethene, trichloro-	000079-01-6
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Hexanal	000066-25-1
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Benzene, 1,3-dimethyl-	000108-38-3
ALPHA.-PINENE, (-)-	000080-56-8
Benzene, 1,3,5-trimethyl-	000108-67-8
1.-beta.-Pinene	018172-67-3

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC (CONTINUED)
File: C:\HPCHEM\2\DATA\62796_10.D
ID: FT6045- 3WC.85A

Compound	CAS#
Decane	000124-18-5
Benzene, 1,2,3-trimethyl-	000526-73-8
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
Cyclohexene, 1-methyl-4-(1-methylethe	005989-27-5
Sabinene	003387-41-5

File : C:\HPCHEM\1\DATA\62796_13.D
Operator : MS
Acquired : 27 Jun 96 8:11 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045- 3WC.86A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62796_13.D
 Analyst: MS
 Analysis Date: 06/27/96
 Method: CWC
 Sample Name: FT 6045- 3WC.86A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	2	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	104	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	15	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	5	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	21	PPB	
CHLORO BENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	7	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	3	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC
 File: CA\HPCHEM\2\DATA\62796_13.D
 ID: FT6045- 3WC.86A

Compound	CAS#
Methanamine, N-methyl-	000124-40-3
Methane, dichloro-	000075-09-2
Ethane, 1,1,1-trichloro-	000071-55-6
METHYL 1,2,3,11,12,12A-HEXAHYDRO-3-OX	060774-49-4
Pentanal	000110-62-3
Ethene, trichloro-	000079-01-6
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
XYLENE	01330-20-7
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
2.-BETA.-PINENE	000127-91-3
Benzene, 1,3,5-trimethyl-	000108-67-8

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC (CONTINUED)
File: C:\HPCHEM\2\DATA\62796_13.D
ID: FT6045- 3WC.86A

Compound	CAS#
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
Bornylene	000464-17-5

File : C:\HPCHEM\1\DATA\62596_15.D
Operator : MS
Acquired : 25 Jun 96 5:06 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WC.87A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_15.D
 Analyst: MS
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WC.87A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	3	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	50	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	16	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	8	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	22	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	5	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC
File: C:\HPCHEM\2\DATA\62596_15.D
ID: FT6045-3WC.87A

Compound	CAS#
Methane, dichloro-	000075-09-2
Ethane, 1,1,1-trichloro-	000071-55-6
1-Bromobicyclo[4.3.1]decan-8-one	070576-35-1
Pentanal	000110-62-3
Ethene, trichloro-	000079-01-6
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Hexanal	000066-25-1
Ethene, tetrachloro-	000127-18-4
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
l- beta.-Pinene	018172-67-3

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WC (CONTINUED)
File: C:\HPCHEM\2\DATA\62596_15.D
ID: FT6045-3WC.87A

Compound	CAS#
Decane	000124-18-5
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-4-(1-methylethyl)-	000099-87-6
Cyclohexene, 1-methyl-4-(1-methylethe	005989-27-5

File : C:\HPCHEM\1\DATA\72296_5.D
Operator : LAP
Acquired : 24 Mar 153 1:40 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.76B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name:

72296_S.D

Analyst:

LAP

Analysis Date:

#VALUE!

Method:

CWC

Sample Name:

FT8045-3WD.76B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	34	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
Freon 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	43	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROENZENE	541-73-1	0	PPB	
1,2-DICHLOROENZENE	95-50-1	0	PPB	
1,4-DICHLOROENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM2\DATA\72296_5.D
ID: FT6045-3WD.76B

Compound	CAS#
Pentanal	000110-62-3
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
Benzene, 1,3-dimethyl-	000108-38-3
ALPHA.-PINENE, (-)-	000080-56-8
DELTA.3-Carene	013466-78-9
Benzene, methyl(1-methylethyl)-	025155-15-1

File : C:\HPCHEM\1\DATA\62596_7.D
Operator : LAP
Acquired : 25 Jun 96 9:33 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.76A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_7.D
 Analyst: LAP
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WD.76A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	622	PPB	
ACETONE	67-64-1	217	PPB	
2-PROPANOL	67-63-0	118	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	3	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	546	PPB	
N-HEXANE	110-54-3	32	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	67	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	16	PPB	
BENZENE	71-43-2	11	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	746	PPB	
TRICHLOROETHENE	79-01-6	3	PPB	
4-METHYL-2-PENTANONE	108-10-1	151	PPB	
TOLUENE	108-88-3	11	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	10	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	7	PPB	
ETHYLBENZENE	100-41-4	12	PPB	
M-XYLENE	108-38-3	12	PPB	
STYRENE	100-42-5	18	PPB	
O-XYLENE	95-47-6	10	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	9	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	17	PPB	
1,3-DICHLOROBENZENE	541-73-1	13	PPB	
1,2-DICHLOROBENZENE	95-50-1	20	PPB	
1,4-DICHLOROBENZENE	106-46-7	18	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM\2\DATA\62596_7.D
ID: FT6045-3WD.76A

Compound	CAS#
Ethanol	000064-17-5
2-Propanone	000067-64-1
2-Propanol	000067-63-0
Methane, dichloro-	000075-09-2
Ethane, 1,1-dichloro-	000075-34-3
2-Butanone	000078-93-3
Oxirane, 2,3-dimethyl-	003266-23-7
Ethene, 1,2-dichloro-, (Z)-	000156-59-2
Furan, tetrahydro-	000109-99-9
Ethane, 1,2-dichloro-	000107-06-2
Benzene	000071-43-2
1-Butanol	000071-36-3
2-Propanol, 1-methoxy-	000107-98-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Ethane, 1,1,2-trichloro-	000079-00-5
Hexanal	000066-25-1

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD (CONTINUED)
File: C:\HPCHEM\2\DATA\62596_7.D
ID: FT6045-3WD.76A

Compound	CAS#
Ethene, tetrachloro-	000127-18-4
Benzene, chloro-	000108-90-7
Ethanol, 2-[2-(2-butoxyethoxy)ethoxy]	000143-22-6
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1-methyl-3-(1-methylethyl)-	000535-77-3
beta.-Phellandrene	000555-10-2
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD (CONTINUED)
File: C:\HPCHEM\2\DATA\62596_7.D
ID: FT6045-3WD.76A

Compound	CAS#
Butyl glycol acetate	000112-07-2
Benzaldehyde, ethyl-	053951-50-1
2,3-DIMETHYLBENZALDEHYDE	005779-93-1

File : C:\HPCHEM\1\DATA\62796_7.D
Operator : LAP
Acquired : 27 Jun 96 12:35 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.81A bk
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62796_7.D
 Analyst: LAP
 Analysis Date: 06/27/96
 Method: CWC
 Sample Name: FT6045-3WD.81A bk

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	20	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	11	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	3	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD BACKGROUND
File: C:\HPCHEM2\DATA\62796_7.D
ID: FT6045-3WD.81A bk

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,2-dichloro-	000095-50-1
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\1\DATA\72296_8.D
Operator : LAP
Acquired : 24 Mar 153 4:31 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.77B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72296_8.D
 Analyst: LAP
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-3WD.77B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM2\DATA\72296_8.D
ID: FT6045-3WD.77B

Compound	CAS#
Benzene, methyl-	000108-88-3
Benzene, 1,2-dimethyl-	000095-47-6
Benzene, 1,4-dimethyl-	000106-42-3
ALPHA.-PINENE, (-)-	000080-56-8
2-.BETA.-PINENE	000127-91-3
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
dl-Limonene	000138-86-3
Sabinene	003387-41-5

File : C:\HPCHEM\1\DATA\70996_8.D
Operator : LAP
Acquired : 9 Jul 96 12:31 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_3WD.83A
Misc Info : Delta P = 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 70996_8.D
 Analyst: LAP
 Analysis Date: 07/09/96
 Method: CWC
 Sample Name: FT 6045_3WD.83A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM\2\DATA\70996_8.D
ID: FT6045_3WD.83A

Compound	CAS#
3-Heptanone	000106-35-4
XYLENE	001330-20-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,3-dichloro-	000541-73-1

File : C:\HPCHEM\1\DATA\62596_9.D
Operator : LAP
Acquired : 25 Jun 96 11:15 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.80A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_9.D
 Analyst: LAP
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WD.80A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	25	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	28	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM\2\DATA\62596_9.D
ID: FT6045-3WD.80A

Compound	CAS#
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, chloro-	000108-90-7
Benzene, ethyl-	000100-41-4
Benzene, 1,2-dimethyl-	000095-47-6
3-Heptanone	000106-35-4
Styrene	000100-42-5
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,4-dichloro-	000106-46-7
DELTA.3-Carene	013466-78-9
Benzene, 4-ethyl-1,2-dimethyl-	000934-80-5
Benzenemethanol, .alpha.-methyl-	000098-85-1
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\1\DATA\62596_10.D
Operator : LAP
Acquired : 25 Jun 96 12:06 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.77A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_10.D
 Analyst: LAP
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WD.77A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	10	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	19	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	4	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: CA\HPCHEM2\DATA\62596_10.D
ID: FT6045-3WD.77A

Compound	CAS#
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Chlorobenzene-D5	000000-00-0
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
Styrene	000100-42-5
Benzene, 1,2-dimethyl-	000095-47-6
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1-ethyl-2,3-dimethyl-	000933-98-2
2-.BETA.-PINENE	000127-91-3
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,4-dichloro-	000106-46-7

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **2403 WD**
File: C:\HPCHEM\2\DATA\62596_10.D
ID: FT6045-3WD.77A

Compound	CAS#
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
Cyclohexene, 1-methyl-4-(1-methylethe	005989-27-5
Sabinene	003387-41-5
Benzene, 1,2-dichloro-	000095-50-1
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\1\DATA\62596_11.D
Operator : MS
Acquired : 25 Jun 96 1:08 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.79A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_11.D
 Analyst: MS
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WD.79A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	15	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	4	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	4	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM\2\DATA\62596_11.D
ID: FT6045-3WD.79A

Compound	CAS#
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	00108-38-3
Styrene	000100-42-5
Benzene, 1,3-dimethyl-	000108-38-3
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Camphene	000079-92-5
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
2-.BETA.-PINENE	000127-91-3
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,2-dichloro-	000095-50-1
DELTA.3-Carene	013466-78-9
Benzene, 1,2-dichloro-	000095-50-1

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD (CONTINUED)
File: C:\HPCHEM2\DATA\62596_11.D
ID: FT6045-3WD.79A

Compound	CAS#
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
dl-Limonene	000138-86-3
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\1\DATA\62796_11.D
Operator : MS
Acquired : 27 Jun 96 6:17 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045- 3WD.75A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62796_11.D
 Analyst: MS
 Analysis Date: 06/27/96
 Method: CWC
 Sample Name: FT 6045- 3WD.75A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM\2\DATA\62796_11.D
ID: FT6045- 3WD.75A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
XYLENE	001330-20-7
ALPHA-PINENE, (-)-	000080-56-8
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,3,5-trimethyl-	000108-67-8
DELTA,3-Carene	013466-78-9
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4

File : C:\HPCHEM\1\DATA\62596_12.D
Operator : MS
Acquired : 25 Jun 96 2:08 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.78A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_12.D
 Analyst: MS
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WD.78A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	19	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	1	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD
File: C:\HPCHEM\2\DATA\62596_12.D
ID: FT6045-3WD.78A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Chlorobenzene-D5	000000-00-0
Benzene, ethyl-	000100-41-4
Benzene, 1,2-dimethyl-	000095-47-6
3-Heptanone	000106-35-4
Ethanol, 2-butoxy-	000111-76-2
ALPHA.-PINENE, (-)-	000080-56-8
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
2-BETA.-PINENE	000127-91-3
Benzene, 1,3,5-trimethyl-	000108-67-8
DELTA.3-Carene	013466-78-9
Benzene, 1-methyl-2-(1-methylethyl)-	000527-84-4
dl-Limonene	000138-86-3
Benzene, 1,4-dichloro-	000106-46-7
Ethanone, 1-phenyl-	000098-86-2

File : C:\HPCHEM\1\DATA\62596_14.D
Operator : MS
Acquired : 25 Jun 96 4:05 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-3WD.82A BK
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 62596_14.D
 Analyst: MS
 Analysis Date: 06/25/96
 Method: CWC
 Sample Name: FT6045-3WD.82A BK

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	9	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: 2403 WD BACKGROUND
File: C:\HPCHEM\2\DATA\62596_14.D
ID: FT6045-3WD.82A BK

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Chlorobenzene-D5	000000-00-0
Ethanol, 2-butoxy-	000111-76-2
Benzene, 1,3,5-trimethyl-	000108-67-8

A.4 CWC LOW FLASHPOINT MODULAR UNITS

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File : C:\HPCHEM\1\DATA\72396_10.D
Operator : MS
Acquired : 25 Mar 153 9:28 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-01.109A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72396_10.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-01.109A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	83	PPB	
ACETONE	67-64-1	3	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	239	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	76	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 1
File: C:\HPCHEM\2\DATA\72396_10.D
ID: FT6045-01.109A

Compound	CAS#
Ethanol	000064-17-5
Benzene, methyl-	000108-88-3
3-Heptanone	000106-35-4
Benzene, 1,2,3-trimethyl-	000526-73-8

File : C:\HPCHEM\1\DATA\72396_5.D
Operator : LAP
Acquired : 25 Mar 153 2:22 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-02.108A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72396_5.D
 Analyst: LAP
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-02.108A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	17	PPB	
ACETONE	67-64-1	29	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	6	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	107	PPB	
N-HEXANE	110-54-3	3	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	3	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	9	PPB	
N-BUTANOL	71-36-3	9	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	14	PPB	
TOLUENE	108-88-3	48	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	65	PPB	
M-XYLENE	108-38-3	215	PPB	
STYRENE	100-42-5	1	PPB	
O-XYLENE	95-47-6	59	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 2
File: C:\HPCHEM\2\DATA\72396_5.D
ID: FT6045-02.108A

Compound	CAS#
Methane, dichloro-	000075-09-2
2-Butanone	000078-93-3
Cyclohexane	000110-82-7
Heptane	000142-82-5
Cyclohexane, methyl-	000108-87-2
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
(Z)-4,4-Dimethyl-2-pentenal	022597-47-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
XYLENE	001330-20-7
Cyclohexane, 1,4-dimethyl-	000589-90-2
Decane	000124-18-5
Benzene, 1,2,3-trimethyl-	000526-73-8

File : C:\HPCHEM\1\DATA\72596_6.D
Operator : MS
Acquired : 27 Mar 153 8:21 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_03.120A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72596_6.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_03.120A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	10	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	17	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	4	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	5	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	12	PPB	
TOLUENE	108-88-3	31	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	16	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	4	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	7	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	72	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 3
File: C:\HPCHEM\2\DATA\72596_6.D
ID: FT6045_03.120A

Compound	CAS#
Acetic acid, trichloro-	000076-03-9
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Benzene, 1,2-dimethyl-	000095-47-6
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\1\DATA\72496_7.D
Operator : MS
Acquired : 26 Mar 153 6:10 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-04.121B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72496_7.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-04.121B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	89	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	16	PPB	
TOLUENE	108-88-3	4	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	4	PPB	
M-XYLENE	108-38-3	15	PPB	
STYRENE	100-42-5	3	PPB	
O-XYLENE	95-47-6	4	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 4
File: C:\HPCHEM\2\DATA\72496_7.D
ID: FT6045-04.121B

Compound	CAS#
1-Butanol	000071-36-3
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
1,3,5,7-Cyclooctatetraene	000629-20-9
Benzene, 1,2-dimethyl-	000095-47-6
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1-ethyl-2-methyl-	000611-14-3
Benzene, 1,2,4-trimethyl-	000095-63-6
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1-ethyl-2,3-dimethyl-	000933-98-2
Dodecane	000112-40-3

File : C:\HPCHEM\1\DATA\72496_11.D
Operator : MS
Acquired : 26 Mar 153 11:05 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-04.121A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72496_11.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-04.121A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	13	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	12	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	3	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	29	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 4
File: CA\HPCHEM\2\DATA\72496_11.D
ID: FT6045-04.121A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
Styrene	000100-42-5
Benzene, 1,4-dimethyl-	000106-42-3
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,2,3-trimethyl-	000526-73-8

File : C:\HPCHEM\1\DATA\72396_12.D
Operator : MS
Acquired : 25 Mar 153 11:36 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-05.110A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72396_12.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-05.110A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	119	PPB	
ACETONE	67-64-1	14	PPB	
2-PROPANOL	67-63-0	122	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	30	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	48	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	10	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	4	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	8	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 5
File: C:\HPCHEM\2\DATA\72396_12.D
ID: FT6045-05.110A

Compound	CAS#.
Ethanol	000064-17-5
2-Propanol	000067-63-0
Methane, dichloro-	000075-09-2
Hexane	000110-54-3
Benzene, methyl-	000108-88-3
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
Benzene, 1,2-dimethyl-	000095-47-6
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\1\DATA\72296_14.D
Operator : MS
Acquired : 24 Mar 153 11:51 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-05.110B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72296_14.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-05.110B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	154	PPB	
ACETONE	67-64-1	51	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	3	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	43	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	78	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	27	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	6	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	27	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	32	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	8	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	16	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	9	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	60	PPB	
1,2-DICHLOROBENZENE	95-50-1	62	PPB	
1,4-DICHLOROBENZENE	106-46-7	59	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 5
File: C:\HPCHEM2\DATA\72296_14.D
ID: FT6045-05.110B

Compound	CAS#
Ethanol	000064-17-5
Methane, dichloro-	000075-09-2
Hexane	000110-54-3
Furan, tetrahydro-	000109-99-9
Benzene	000071-43-2
Benzene, methyl-	000108-88-3
Benzene, chloro-	000108-90-7
Benzene, 1,2-dimethyl-	000095-47-6
Benzene, 1,3-dimethyl-	000108-38-3
Benzene, 1,3-dimethyl-	000108-38-3
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,4-dichloro-	000106-46-7
Benzene, 1,2-dichloro-	000095-50-1
Ethanone, 1-phenyl-	000098-86-2
Benzaldehyde, 2-methyl-	000529-20-4

File : C:\HPCHEM\1\DATA\72596_8.D
Operator : MS
Acquired : 27 Mar 153 10:38 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045 06.122A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72596_8.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_06.122A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	4	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 6
File: C:\HPCHEM2\DATA\72596_8.D
ID: FT6045_06.122A

Compound	CAS #
Benzene, methyl-	000108-88-3
3-Heptanone	000106-35-4

File : C:\HPCHEM\1\DATA\72596_5.D
Operator : MS
Acquired : 27 Mar 153 7:13 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_07.127A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72596_5.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_07.127A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	158	PPB	
ACETONE	67-64-1	6	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	3	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	21	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	6	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	220	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	10	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	9	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 7
File: C:\HPCHEM\2\DATA\72596_5.D
ID: FT6045_07.127A

Compound	CAS#
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\1\DATA\72496_5.D
Operator : LAP
Acquired : 26 Mar 153 4:13 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-08.128A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72496_5.D
Analyst: LAP
Analysis Date: #VALUE!
Method: CWC
Sample Name: FT6045-08.128A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	12	PPB	
M-XYLENE	108-38-3	14	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	6	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 8
File: C:\HPCHEM2\DATA\72496_5.D
ID: FT6045-08.128A

Compound	CAS#
8-Methylisothiazolo[4,5-c]-2,1,3-benz	074801-78-8
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
Styrene	000100-42-5
XYLENE	001330-20-7
Benzene, 1-ethyl-3-methyl-	000620-14-4
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1,2,3-trimethyl-	000526-73-8

File : C:\HPCHEM\1\DATA\72496_6.D
Operator : LAP
Acquired : 26 Mar 153 5:03 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-08.128B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72496_6.D
 Analyst: LAP
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-08.128B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	6	PPB	
M-XYLENE	108-38-3	7	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	3	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 8
File: C:\HPCHEM\2\DATA\72496_6.D
ID: FT6045-08.128B

Compound	CAS#
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
Benzene, 1,2-dimethyl-	000095-47-6
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\1\DATA\72396_8.D
Operator : LAP
Acquired : 25 Mar 153 5:37 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-09.117A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72396_8.D
 Analyst: LAP
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-09.117A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	8	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	7	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 9
File: C:\HPCHEM2\DATA\72396_8.D
ID: FT6045-09.117A

Compound	CAS#
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
3-Heptanone	000106-35-4
Benzene, 1,3-dimethyl-	000108-38-3
Ethanone, 1-phenyl-	000098-86-2
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,3,5-trimethyl-	000108-67-8

File : C:\HPCHEM\1\DATA\72396_13.D
Operator : MS
Acquired : 26 Mar 153 12:35 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-10.116A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72396_13.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-10.116A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	6	PPB	
M-XYLENE	108-38-3	7	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	5	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 10
File: CA\HPCHEM\2\DATA\72396_13.D
ID: FT6045-10.116A

Compound	CAS#
XYLENE	001330-20-7
3-Heptanone	000106-35-4
2-Heptanone	000110-43-0
Benzene, 1,4-dimethyl-	000106-42-3

File : C:\HPCHEM\1\DATA\72296_16.D
Operator : MS
Acquired : 25 Mar 153 1:45 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-10.116B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72296_16.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-10.116B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	5	PPB	
M-XYLENE	108-38-3	6	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	4	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample LFM # 10
File CA\HPCHEM\2\DATA\72296_16.D
ID: FT6045-10.116B

Compound	CAS#
Benzene, 1,4-dimethyl-	000106-42-3
2-Heptanone	000110-43-0
Benzene, 1,2-dimethyl-	000095-47-6

File : C:\HPCHEM\1\DATA\72396_9.D
Operator : MS
Acquired : 25 Mar 153 6:51 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-11.115A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72396_9.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-11.115A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	54	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	4	PPB	
DICHLOROMETHANE	75-09-2	82	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	1465	PPB	
N-HEXANE	110-54-3	123	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	25	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	41	PPB	
TOLUENE	108-88-3	96	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	14	PPB	
M-XYLENE	108-38-3	46	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	19	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	8	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 11
File: C:\HPCHEM\2\DATA\72396_9.D
ID: FT6045-11.115A

Compound	CAS#
2-Propanone	000067-64-1
Methane, dichloro-	000075-09-2
2-Butanone	000078-93-3
Furan, tetrahydro-	000109-99-9
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
Benzene, 1,3-dimethyl-	000108-38-3
Benzene, 1,3,5-trimethyl-	000108-67-8
Benzene, 1-ethyl-2-methyl-	000611-14-3
Decane	000124-18-5
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,2,4-trimethyl-	000095-63-6

File : C:\HPCHEM\1\DATA\72496_4.D
Operator : LAP
Acquired : 26 Mar 153 2:32 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-12.129A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72496_4.D
Analyst: LAP
Analysis Date: #VALUE!
Method: CWC
Sample Name: FT6045-12.129A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	83	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	4	PPB	
M-XYLENE	108-38-3	29	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	10	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	13	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 12
File: C:\HPCHEM\2\DATA\72496_4.D
ID: FT6045-12.129A

Compound	CAS#
Benzene, methyl-	000108-88-3
Cyclobutanol	002919-23-5
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
Benzene, 1,2-dimethyl-	000095-47-6
Benzaldehyde	000100-52-7
Benzene, 1,2,4-trimethyl-	000095-63-6

File : C:\HPCHEM\1\DATA\72496_8.D
Operator : MS
Acquired : 26 Mar 153 7:45 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-13.130A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72496_8.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-13.130A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	5	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: LFM # 13
File: C:\HPCHEM\2\DATA\72496_8.D
ID: FT6045-13.130A

Compound	CAS#
Benzene, methyl-	000108-88-3
Benzaldehyde	000100-52-7

File : C:\HPCHEM\1\DATA\72396_14.D
Operator : MS
Acquired : 26 Mar 153 1:31 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-13.130B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72396_14.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-13.130B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	8	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	9	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	12	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **LFM # 13**
File: CA\HPCHEM\2\DATA\72396_14.D
ID: FT6045-13.130B

Compound	CAS#
Benzene, methyl-	000108-88-3
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8

File : C:\HPCHEM\1\DATA\71996_4.D
Operator : MS
Acquired : 21 Mar 1996 6:35 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045 14.104 A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71996_4.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_14.104 A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	19	PPB	
ACETONE	67-64-1	34	PPB	
2-PROPANOL	67-63-0	1055	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	190	PPB	
DICHLOROMETHANE	75-09-2	479	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	20	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	8	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	7	PPB	
TOLUENE	108-88-3	247	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	19	PPB	
M-XYLENE	108-38-3	55	PPB	
STYRENE	100-42-5	1	PPB	
O-XYLENE	95-47-6	14	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	17	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 14
File: C:\HPCHEM2\DATA\71996_4.D
ID: FT6045_14.104 A

Compound	CAS#
2-Propanol	000067-63-0
Ethane, 1,1,2-trichloro-1,2,2-trifluo	000076-13-1
Methane, dichloro-	000075-09-2
METHYL 1,2,3,11,12,12A-HEXAHYDRO-3-OX	060774-49-4
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,2-dimethyl-	000095-47-6
Styrene	000100-42-5
Benzaldehyde	000100-52-7
Benzene, 1,2,4-trimethyl-	000095-63-6

File : C:\HPCHEM\1\DATA\71996_5.D
Operator : MS
Acquired : 21 Mar 153 7:34 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_14.103 A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71996_5.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_14.103 A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	7	PPB	
2-PROPANOL	67-63-0	8	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	16	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	224	PPB	
CYCLOHEXANE	110-82-7	37	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	82	PPB	
TOLUENE	108-88-3	168	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	11	PPB	
M-XYLENE	108-38-3	44	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	12	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	8	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	7	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 14
File: C:\HPCHEM\2\DATA\71996_5.D
ID: FT6045_14.103 A

Compound	CAS#
TRIDEUTEROACETONITRILE	002206-26-0
Methane, tetrachloro-	000056-23-5
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
(Z)-4,4-Dimethyl-2-pentenal	022597-47-3
Octane	000111-65-9
Cyclohexane, 1,4-dimethyl-	000589-90-2
Cyclohexane, ethyl-	001678-91-7
Benzene, ethyl-	000100-41-4
Benzene, 1,2-dimethyl-	000095-47-6
3-Heptanone	000106-35-4
Benzaldehyde	000100-52-7
Benzene, 1,2,3-trimethyl-	000526-73-8
Decane	000124-18-5
Benzene, 1,2,4-trimethyl-	000095-63-6
Undecane	001120-21-4
Benzene, 4-ethyl-1,2-dimethyl-	000934-80-5

File : C:\HPCHEM\1\DATA\71996_8.D
Operator : MS
Acquired : 21 Mar 153 10:46 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_14.105 A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71996_8.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_14.105 A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	61	PPB	
2-PROPANOL	67-63-0	65	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	87	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	30	PPB	
N-HEXANE	110-54-3	5	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	4	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	8	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	147	PPB	
TOLUENE	108-88-3	507	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	42	PPB	
M-XYLENE	108-38-3	329	PPB	
STYRENE	100-42-5	6	PPB	
O-XYLENE	95-47-6	273	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	7	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	9	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 14
File: C:\HPCHEM\2\DATA\71996_8.D
ID: FT6045_14.105 A

Compound	CAS#
Glycidol	000556-52-5
2-Propanol	000067-63-0
Methane, dichloro-	000075-09-2
Hexane	000110-54-3
Heptane	000142-82-5
Cyclohexane, methyl-	000108-87-2
2-Pentanone, 4-methyl-	000108-10-1
Heptane, 2-methyl-	000592-27-8
Benzene, methyl-	000108-88-3
Cyclohexane, 1,3-dimethyl-, cis-	000638-04-0
Octane	000111-65-9
CYCLOHEXANE, 1,2-DIMETHYL-	002207-01-4
Cyclohexane, 1,4-dimethyl-	000589-90-2
Cyclohexane, ethyl-	001678-91-7
Cyclohexane, 1,1,3-trimethyl-	003073-66-3
Benzene, ethyl-	000100-41-4
Octane, 3-methyl-	002216-33-3
Benzene, 1,2-dimethyl-	000095-47-6

**LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL
LIBRARY**

Sample: **LFM # 14 (CONTINUED)**
File: C:\HPCHEM2\DATA\71996_8.D
ID: FT6045_14.105 A

Compound	CAS#
3-Heptanone	000106-35-4
Benzene, 1-ethyl-4-methyl-	000622-96-8
Benzaldehyde	000100-52-7
Benzene, 1,2,4-trimethyl-	000095-63-6

File : C:\HPCHEM\1\DATA\72296_11.D
Operator : MS
Acquired : 24 Mar 153 8:34 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-14.103B
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 72296_11.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT6045-14.103B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	7	PPB	
2-PROPANOL	67-63-0	8	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	14	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	288	PPB	
CYCLOHEXANE	110-82-7	47	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	127	PPB	
TOLUENE	108-88-3	203	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	12	PPB	
M-XYLENE	108-38-3	56	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	15	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	25	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	8	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 14
File: C:\HPCHEM\2\DATA\72296_11.D
ID: FT6045-14.103B

Compound	CAS#
Methane, tetrachloro-	000056-23-5
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Cyclohexane, 1,3-dimethyl-, cis-	000638-04-0
Octane	000111-65-9
Cyclohexane, 1,4-dimethyl-	000589-90-2
Cyclohexane, ethyl-	001678-91-7
Benzene, ethyl-	000100-41-4
Benzene, 1,3-dimethyl-	000108-38-3
3-Heptanone	000106-35-4
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8
Cyclohexane, 1,4-dimethyl-	000589-90-2
Decane	000124-18-5
Benzene, 1,2,3-trimethyl-	000526-73-8
Benzene, 1,2,4-trimethyl-	000095-63-6
3-.alpha.-Cumyl-1,3,4-oxadiazolidine-	060104-03-2

File : C:\HPCHEM\1\DATA\71996_7.D
Operator : MS
Acquired : 21 Mar 1996 9:44 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045_15.102 A
Misc Info : 100 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 71996_7.D
 Analyst: MS
 Analysis Date: #VALUE!
 Method: CWC
 Sample Name: FT 6045_15.102 A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	5	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	8	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	5	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	6	PPB	
M-XYLENE	108-38-3	17	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	7	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	3	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 15
File: C:\HPCHEM2\DATA\71996_7.D
ID: FT6045_15.102 A

Compound	CAS#
Octanal	000124-13-0
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
XYLENE	001330-20-7
Benzene, 1,3-dimethyl-	000108-38-3
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

File : D:\CWC\SAMPLES\42396_8.D
Operator : MS
Acquired : 23 Apr 96 12:52 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-16.09B
Misc Info : delta p=50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42396_8.D
 Analyst: MS
 Analysis Date: 04/23/96
 Method: CWC
 Sample Name: FT6045-16.09B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	3	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	32	PPB	
N-HEXANE	110-54-3	6	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	2	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	3	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	8	PPB	
TOLUENE	108-88-3	4	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	2	PPB	
M-XYLENE	108-38-3	7	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 16
File: D:\CWC\42396_8.D
Sample Name: FT6045-16.09B

Compound	CAS#
Methane, dichloro-	000075-09-2
Ethane, 1,1,1-trichloro-	000071-55-6
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,4-dimethyl-	000106-42-3
Benzene, 1,2-dimethyl-	000095-47-6
Benzaldehyde	00100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

File : D:\CWC\SAMPLES\41896_9.D
Operator : ms
Acquired : 18 Apr 96 6:56 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: CWC FT6045-16.09A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 41896_9.D
 Analyst: ms
 Analysis Date: 04/18/96
 Method: CWC
 Sample Name: CWC FT6045-16.09A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	4	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	37	PPB	
N-HEXANE	110-54-3	4	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	2	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	4	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	3	PPB	
M-XYLENE	108-38-3	3	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 16
File: D:\CWC\41896_9.D
ID: CWC FT6045-16.09A

Compound	CAS#
2-Butanone	000078-93-3
Ethane, 1,1,1-trichloro-	000071-55-6
1-Butanol	000071-36-3
Ethane, 1,1-diethoxy-	00105-57-7
2-Pentanone, 4-methyl-	000108-10-1
Benzene, methyl-	000108-88-3
Benzene, ethyl-	000100-41-4
Benzene, 1,2-dimethyl-	000095-47-6
Benzene, 1,4-dimethyl-	000106-42-3
Ethanol, 2-butoxy-	000111-76-2
Benzaldehyde	000100-52-7
Benzene, 1,3,5-trimethyl-	000108-67-8

File : D:\CWC\SAMPLES\42296-9.D
Operator : ms
Acquired : 22 Apr 96 4:18 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-17.05A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42296-9.D
Analyst: ms
Analysis Date: 04/22/96
Method: CWC
Sample Name: FT6045-17.05A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-65-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	5	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	14	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	10	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 17
 Sample Name: FT6045-17.05A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex
 Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
2	21.68	1.66	C:\DATABASE\WILEY138.L 1-Butanol	116550	000071-36-3	78
5	24.43	2.44	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	91
6	25.52	4.65	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	95
7	29.11	0.23	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118579	000108-38-3	91
9	30.19	79.36	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	83
10	32.05	6.81	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	97
12	33.08	0.79	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	95
13	34.47	0.13	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	97
14	35.21	0.78	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119988	000098-86-2	96

File : D:\CWC\SAMPLES\42296_11.D
Operator : ms
Acquired : 22 Apr 96 6:56 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: ft6045-18.03a
Misc Info : rerun, delta p=50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42296_11.D
 Analyst: ms
 Analysis Date: 04/22/96
 Method: CWC
 Sample Name: ft6045-18.03a

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	21	PPB	
CYCLOHEXANE	110-82-7	12	PPB	
N-BUTANOL	71-36-3	10	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	20	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	28	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	23	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **LFM # 18**
 Sample Name: ft6045-18.03a

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex
 Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
4	16.15	1.18	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	95
7	21.72	1.32	C:\DATABASE\WILEY138.L 1-Butanol	116552	000071-36-3	72
9	24.44	1.82	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	83
10	25.53	14.02	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	95
11	28.85	0.90	C:\DATABASE\WILEY138.L Benzene, ethyl-	118560	000100-41-4	94
12	29.12	23.67	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	97
14	29.93	16.70	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	97
15	30.15	9.64	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	3837	000111-76-2	83
17	32.06	1.51	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	96
18	33.09	4.23	C:\DATABASE\WILEY138.L Benzene, 1,2,3-trimethyl-	120022	000526-73-8	95

File : D:\CWC\SAMPLES\42296-7.D
Operator : ms
Acquired : 22 Apr 96 1:54 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-19.02B
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42296-7.D
 Analyst: ms
 Analysis Date: 04/22/96
 Method: CWC
 Sample Name: FT6045-19.02B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	6	PPB	
ACETONE	67-64-1	7	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	13	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	20	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	16	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	2	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	1	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 19

Sample Name: FT6045-19.02B

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
6	20.18	1.14	C:\DATABASE\WILEY138.L Furan, tetrahydro-	116444	000109-99-9	80
7	21.64	9.07	C:\DATABASE\WILEY138.L 1-Butanol	116556	000071-36-3	91
8	22.46	40.86	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	47	000107-98-2	72
9	24.40	16.10	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	91
10	28.84	0.25	C:\DATABASE\WILEY138.L Benzene, ethyl-	118561	000100-41-4	90
11	29.09	0.59	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118579	000108-38-3	95
12	29.82	0.37	C:\DATABASE\WILEY138.L Styrene	118481	000100-42-5	94
13	29.92	0.56	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl-	118587	000106-42-3	93
14	30.09	5.62	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	72
15	32.05	2.54	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	96

Sample: LFM # 19 (continued)

PK#	RT	Area%	Library/ID	Ref#	CAS#	Qual
16	32.26	0.51	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	90
17	33.07	1.00	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	95
18	33.54	0.35	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	95
19	33.73	0.40	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	96
20	34.46	0.61	C:\DATABASE\WILEY138.L Benzene, 1,2-dichloro-	11151	000095-50-1	97
21	35.20	2.37	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119989	000098-86-2	97

File : D:\CWC\SAMPLES\41896_8.D
Operator : ms
Acquired : 18 Apr 96 5:44 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: CWC FT6045-19.02A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

41896_8.D

File Name:

Analyst:

Analysis Date:

04/18/96

Method:

CWC

Sample Name:

CWC FT6045-19.02A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	9	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	78-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	5	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROETHENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROETHENE	541-73-1	0	PPB	
1,2-DICHLOROETHENE	95-50-1	0	PPB	
1,4-DICHLOROETHENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **LFM # 19**

Sample Name: CWC FT6045-19.02A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
5	21.71	1.21	C:\DATABASE\WILEY138.L 1-Butanol	116551	000071-36-3	86
6	23.01	4.96	C:\DATABASE\WILEY138.L Ethane, 1,1-diethoxy-	119799	000105-57-7	78
7	24.44	1.69	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118023	000108-10-1	72
8	29.11	0.29	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl-	118587	000106-42-3	93
10	29.93	0.25	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	90
11	30.19	82.12	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	83
12	32.05	0.67	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	96
16	35.21	0.41	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119986	000098-86-2	94

File : D:\CWC\SAMPLES\41896_7.D
Operator : ms
Acquired : 18 Apr 96 4:37 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: CWC FT6045-20.01A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 41896_7.D
 Analyst: ms
 Analysis Date: 04/18/96
 Method: CWC
 Sample Name: CWC FT6045-20.01A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	1	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	2	PPB	
N-BUTANOL	71-36-3	2	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	1	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	1	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM # 20

Sample Name: CWC FT6045-20.01A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
9	21.52	2.03	C:\DATABASE\WILEY138.L Cyclohexane	116928	000110-82-7	87
10	21.66	1.57	C:\DATABASE\WILEY138.L 1-Butanol	116556	000071-36-3	90
11	22.82	5.63	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	72
12	24.42	1.32	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118023	000108-10-1	87
13	25.53	0.09	C:\DATABASE\WILEY138.L Benzene, methyl-	117432	000108-88-3	91
16	28.85	0.11	C:\DATABASE\WILEY138.L Benzene, ethyl-	118558	000100-41-4	90
17	29.12	0.97	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118578	000108-38-3	97
19	29.93	0.55	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118576	000108-38-3	94
20	30.21	79.13	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	83

Sample: LFM # 20 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
22	32.05	3.01	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	97
24	33.08	0.21	C:\DATABASE\WILEY138.L Benzene, 1,2,4-trimethyl-	120030	000095-63-6	91
26	34.47	0.11	C:\DATABASE\WILEY138.L Benzene, 1,2-dichloro-	11151	000095-50-1	95
28	35.21	0.48	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119988	000098-86-2	96
30	35.67	0.17	C:\DATABASE\WILEY138.L Benzenemethanol, .alpha.,.alpha.-dime	121923	000617-94-7	90

File : D:\CWC\SAMPLES\41996_10.D
Operator : MS
Acquired : 19 Apr 96 3:33 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-A1.11A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 41996_10.D
 Analyst: MS
 Analysis Date: 04/19/96
 Method: CWC
 Sample Name: FT6045-A1.11A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	5	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **LFM A1**
 Sample Name: FT6045-A1.11A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex
 Integration Params: VOA.E

PK#	RT	Area%	Library/ID	Ref#	CAS#	Qual
6	25.53	1.42	C:\DATABASE\WILEY138.L Benzene, methyl-	117433	000108-88-3	91
7	28.84	0.96	C:\DATABASE\WILEY138.L Benzene, ethyl-	118561	000100-41-4	86
8	29.10	2.70	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl-	118586	000106-42-3	95
9	29.92	1.79	C:\DATABASE\WILEY138.L XYLENE	118580	001330-20-7	95
10	30.17	60.14	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	83
11	32.05	13.09	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	97
12	33.07	0.96	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	86
13	35.20	2.04	C:\DATABASE\WILEY138.L 1-Propanone, 2-bromo-1-phenyl-	40090	002114-00-3	72

File : D:\CWC\SAMPLES\42396_9.D
Operator : MS
Acquired : 23 Apr 96 2:18 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-A1.11B
Misc Info : delta p=50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42396_9.D
 Analyst: MS
 Analysis Date: 04/23/96
 Method: CWC
 Sample Name: FT6045-A1.11B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM A1

Sample Name: FT6045-A1.11B

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

C:\DATABASE\NBS54K.L

Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
7	24.48	18.30	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	87
8	25.57	3.74	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	91
9	29.14	7.36	C:\DATABASE\WILEY138.L XYLENE	118580	001330-20-7	95
10	29.97	4.08	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl-	118587	000106-42-3	93
12	32.10	5.41	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	93

File : D:\CWC\SAMPLES\41796_5.D
Operator : ms
Acquired : 17 Apr 96 4:03 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: CWC 6045-A2.10A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 41796_5.D
 Analyst: ms
 Analysis Date: 04/17/96
 Method: CWC
 Sample Name: CWC 6045-A2.10A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	319	PPB	
ACETONE	67-64-1	91	PPB	
2-PROPANOL	67-63-0	30	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	265	PPB	
N-HEXANE	110-54-3	15	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	13	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	4	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	353	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	33	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	4	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	5	PPB	
1,3-DICHLOROBENZENE	541-73-1	5	PPB	
1,2-DICHLOROBENZENE	95-50-1	5	PPB	
1,4-DICHLOROBENZENE	106-46-7	9	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **LFM A2**

Sample Name: CWC 6045-A2.10A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
2	13.12	1.61	C:\DATABASE\WILEY138.L Ethanol	115955	000064-17-5	90
3	14.36	1.06	C:\DATABASE\WILEY138.L 2-Propanone	116053	000067-64-1	72
4	14.91	0.27	C:\DATABASE\WILEY138.L 2-Propanol	116151	000067-63-0	80
7	16.18	0.01	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	91
13	18.87	0.85	C:\DATABASE\WILEY138.L 2-Butanone	116394	000078-93-3	86
14	19.33	0.01	C:\DATABASE\WILEY138.L Ethene, 1,2-dichloro-, (Z)-	117549	000156-59-2	96
15	20.20	0.17	C:\DATABASE\WILEY138.L Furan, tetrahydro-	116445	000109-99-9	91
16	20.99	0.02	C:\DATABASE\WILEY138.L Ethane, 1,2-dichloro-	117658	000107-06-2	94
17	21.53	0.01	C:\DATABASE\WILEY138.L Benzene	116687	000071-43-2	76
18	21.67	2.56	C:\DATABASE\WILEY138.L 1-Butanol	116556	000071-36-3	91

Sample: LFM A2 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
19	22.21	4.01	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	83
20	22.67	32.77	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	83
21	23.19	6.90	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	83
25	24.45	0.64	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118023	000108-10-1	91
26	25.56	0.01	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	90
27	25.62	0.01	C:\DATABASE\WILEY138.L Ethane, 1,1,2-trichloro-	121295	000079-00-5	97
32	28.40	0.02	C:\DATABASE\WILEY138.L Benzene, chloro-	118974	000108-90-7	94
35	29.13	0.02	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	95
37	29.85	0.02	C:\DATABASE\WILEY138.L Styrene	118479	000100-42-5	95
38	29.96	0.03	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	94
39	30.34	41.38	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	78
44	32.10	0.45	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	96
45	32.31	0.18	C:\DATABASE\WILEY138.L Benzene, 1,2,4-trimethyl-	120030	000095-63-6	83
49	33.59	0.11	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123082	000106-46-7	97

Sample: LFM A2 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
50	33.77	0.10	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123082	000106-46-7	97
53	34.50	0.10	C:\DATABASE\WILEY138.L Benzene, 1,2-dichloro-	11151	000095-50-1	98
56	35.24	0.55	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119986	000098-86-2	96
66	38.26	0.06	C:\DATABASE\WILEY138.L Benzaldehyde, ethyl-	7377	053951-50-1	87
67	38.33	0.05	C:\DATABASE\WILEY138.L 2,3-DIMETHYLBENZALDEHYDE	7378	005779-93-1	87

File : D:\CWC\SAMPLES\41896_5.D
Operator : LAP
Acquired : 18 Apr 96 2:13 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: cwc 6045_A2.10A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 41896_5.D
 Analyst: LAP
 Analysis Date: 04/18/96
 Method: CWC
 Sample Name: cwc 6045_A2.10A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	18	PPB	
ACETONE	67-64-1	6	PPB	
2-PROPANOL	67-63-0	6	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	39	PPB	
N-HEXANE	110-54-3	2	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	59	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	21	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	1	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	2	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM A2
Sample Name: CWC 6045-A2.10A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex
Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
2	13.12	1.61	C:\DATABASE\WILEY138.L Ethanol	115955	000064-17-5	90
3	14.36	1.06	C:\DATABASE\WILEY138.L 2-Propanone	116053	000067-64-1	72
4	14.91	0.27	C:\DATABASE\WILEY138.L 2-Propanol	116151	000067-63-0	80
7	16.18	0.01	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	91
13	18.87	0.85	C:\DATABASE\WILEY138.L 2-Butanone	116394	000078-93-3	86
14	19.33	0.01	C:\DATABASE\WILEY138.L Ethene, 1,2-dichloro-, (Z)-	117549	000156-59-2	96
15	20.20	0.17	C:\DATABASE\WILEY138.L Furan, tetrahydro-	116445	000109-99-9	91
16	20.99	0.02	C:\DATABASE\WILEY138.L Ethane, 1,2-dichloro-	117658	000107-06-2	94
17	21.53	0.01	C:\DATABASE\WILEY138.L Benzene	116687	000071-43-2	76
18	21.67	2.56	C:\DATABASE\WILEY138.L 1-Butanol	116556	000071-36-3	91

Sample: LFM A2 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
19	22.21	4.01	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	83
20	22.67	32.77	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	83
21	23.19	6.90	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	83
25	24.45	0.64	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118023	000108-10-1	91
26	25.56	0.01	C:\DATABASE\WILEY138.L Benzene, methyl-	117430	000108-88-3	90
27	25.62	0.01	C:\DATABASE\WILEY138.L Ethane, 1,1,2-trichloro-	121295	000079-00-5	97
32	28.40	0.02	C:\DATABASE\WILEY138.L Benzene, chloro-	118974	000108-90-7	94
35	29.13	0.02	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	95
37	29.85	0.02	C:\DATABASE\WILEY138.L Styrene	118479	000100-42-5	95
38	29.96	0.03	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	94
39	30.34	41.38	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	78
44	32.10	0.45	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	96
45	32.31	0.18	C:\DATABASE\WILEY138.L Benzene, 1,2,4-trimethyl-	120030	000095-63-6	83
49	33.59	0.11	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123082	000106-46-7	97

Sample: LFM A2 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
50	33.77	0.10	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123082	000106-46-7	97
53	34.50	0.10	C:\DATABASE\WILEY138.L Benzene, 1,2-dichloro-	11151	000095-50-1	98
56	35.24	0.55	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119986	000098-86-2	96
66	38.26	0.06	C:\DATABASE\WILEY138.L Benzaldehyde, ethyl-	7377	053951-50-1	87
67	38.33	0.05	C:\DATABASE\WILEY138.L 2,3-DIMETHYLBENZALDEHYDE	7378	005779-93-1	87

File : D:\CWC\SAMPLES\42496_7.D
Operator : MS
Acquired : 24 Apr 96 12:48 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT 6045-A2.10A
Misc Info : DELTA P=50 TORR
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42496_7.D
 Analyst: MS
 Analysis Date: 04/24/96
 Method: CWC
 Sample Name: FT 6045-A2.10A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	10	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	16	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	2	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	17	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	3	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	2	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **LFM A2**

Sample Name: FT 6045-A2.10A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
6	21.69	1.94	C:\DATABASE\WILEY138.L 1-Butanol	116554	000071-36-3	90
7	22.80	18.55	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	78
8	24.43	5.91	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	91
10	28.38	0.16	C:\DATABASE\WILEY138.L Benzene, chloro-	118974	000108-90-7	93
11	28.86	0.40	C:\DATABASE\WILEY138.L Benzene, ethyl-	118560	000100-41-4	94
12	29.11	0.28	C:\DATABASE\WILEY138.L Benzene, 1,4-dimethyl-	118587	000106-42-3	95
13	29.83	0.43	C:\DATABASE\WILEY138.L Styrene	118481	000100-42-5	96
14	29.93	0.33	C:\DATABASE\WILEY138.L XYLENE	118580	001330-20-7	95
15	30.20	56.55	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	86
16	32.06	7.18	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	96

Sample: LFM A2 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
17	32.27	0.26	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	92
18	33.09	0.85	C:\DATABASE\WILEY138.L Benzene, 1,2,3-trimethyl-	4145	000526-73-8	95
19	33.56	0.30	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	97
20	33.74	0.47	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	97
21	34.47	0.40	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	11154	000106-46-7	98
22	35.21	0.61	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119985	000098-86-2	94
23	35.68	2.03	C:\DATABASE\WILEY138.L Benzenemethanol, alpha.,alpha.-dime	121926	000617-94-7	93

File : D:\CWC\SAMPLES\42396_5.D
Operator : lap
Acquired : 23 Apr 96 8:54 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-A3.07B
Misc Info : rerun, delta p=50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42396_5.D
 Analyst: lap
 Analysis Date: 04/23/96
 Method: CWC
 Sample Name: FT6045-A3.07B

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	175	PPB	
ACETONE	67-64-1	123	PPB	
2-PROPANOL	67-63-0	100	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	523	PPB	
N-HEXANE	110-54-3	29	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	76	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	10	PPB	
BENZENE	71-43-2	4	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	477	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	318	PPB	
TOLUENE	108-88-3	3	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	3	PPB	
ETHYLBENZENE	100-41-4	4	PPB	
M-XYLENE	108-38-3	5	PPB	
STYRENE	100-42-5	8	PPB	
O-XYLENE	95-47-6	6	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	2	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	8	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	16	PPB	
1,3-DICHLOROBENZENE	541-73-1	7	PPB	
1,2-DICHLOROBENZENE	95-50-1	10	PPB	
1,4-DICHLOROBENZENE	106-46-7	13	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARYSample: **LFM A3**

Sample Name: FT6045-A3.07B

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70

C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
2	13.11	1.81	C:\DATABASE\WILEY138.L Ethanol	115963	000064-17-5	90
3	14.35	2.61	C:\DATABASE\WILEY138.L 2-Propanone	116051	000067-64-1	72
4	14.89	1.90	C:\DATABASE\WILEY138.L 2-Propanol	116152	000067-63-0	90
6	16.17	0.02	C:\DATABASE\WILEY138.L Methane, dichloro-	116807	000075-09-2	93
9	18.88	3.32	C:\DATABASE\WILEY138.L 2-Butanone	116391	000078-93-3	86
10	19.18	0.07	C:\DATABASE\WILEY138.L Oxirane, 2,3-dimethyl-	116439	003266-23-7	72
11	19.32	0.08	C:\DATABASE\WILEY138.L Ethene, 1,2-dichloro-, (Z)-	536	000156-59-2	96
12	19.74	0.02	C:\DATABASE\WILEY138.L Acetic acid, trichloro-	125012	000076-03-9	83
13	20.19	1.55	C:\DATABASE\WILEY138.L Furan, tetrahydro-	116445	000109-99-9	91
15	20.98	0.10	C:\DATABASE\WILEY138.L Ethane, 1,2-dichloro-	117655	000107-06-2	96

Sample: LFM A3 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
16	21.52	0.03	C:\DATABASE\WILEY138.L Benzene	116687	000071-43-2	94
17	21.70	6.43	C:\DATABASE\WILEY138.L 1-Butanol	116556	000071-36-3	91
19	22.71	30.54	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	74
23	24.47	9.01	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118021	000108-10-1	91
25	25.55	0.05	C:\DATABASE\WILEY138.L Benzene, methyl-	117429	000108-88-3	81
26	25.62	0.04	C:\DATABASE\WILEY138.L Ethane, 1,1,2-trichloro-	121295	000079-00-5	99
31	28.88	0.24	C:\DATABASE\WILEY138.L Benzene, ethyl-	118560	000100-41-4	94
32	29.13	0.11	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118578	000108-38-3	95
34	29.85	0.17	C:\DATABASE\WILEY138.L Styrene	118481	000100-42-5	96
35	29.96	0.11	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	95
36	30.30	24.86	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	78
37	32.08	0.88	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	96
38	32.30	0.17	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	95

Sample: LFM A3 (continued)

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
39	33.11	0.38	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	95
40	33.58	0.12	C:\DATABASE\WILEY138.L Benzene, 1,3-dichloro-	123079	000541-73-1	98
41	33.76	0.24	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	98
43	34.49	0.24	C:\DATABASE\WILEY138.L Benzene, 1,3-dichloro-	123079	000541-73-1	98
44	34.98	0.04	C:\DATABASE\WILEY138.L Benzenemethanol, .alpha.-methyl-	120232	000098-85-1	90
45	35.23	1.40	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	4126	000098-86-2	95
46	35.70	0.51	C:\DATABASE\WILEY138.L Benzenemethanol, .alpha.,.alpha.-dime	121924	000617-94-7	83
49	38.25	0.12	C:\DATABASE\WILEY138.L Benzaldehyde, ethyl-	7377	053951-50-1	91
50	38.33	0.08	C:\DATABASE\WILEY138.L 2,3-DIMETHYLBENZALDEHYDE	7378	005779-93-1	91
51	38.62	0.14	C:\DATABASE\WILEY138.L 2,3-DIMETHYLBENZALDEHYDE	7378	005779-93-1	90
52	39.41	0.06	C:\DATABASE\WILEY138.L Benzaldehyde, ethyl-	121568	053951-50-1	83

File : D:\CWC\SAMPLES\42396_7.D
Operator : lap
Acquired : 23 Apr 96 10:45 am using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-A3.07A
Misc Info : rerun, delta p=50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42396_7.D
 Analyst: lap
 Analysis Date: 04/23/96
 Method: CWC
 Sample Name: FT6045-A3.07A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	8	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	7	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM A3

Sample Name: FT6045-A3.07A

Search Libraries: C:\DATABASE\WILEY138.L

Minimum Quality: 70

C:\DATABASE\NBS54K.L

Minimum Quality: 70

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
6	21.75	3.78	C:\DATABASE\WILEY138.L 1-Butanol	116550	000071-36-3	90
9	24.47	6.25	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118021	000108-10-1	91
12	28.88	0.52	C:\DATABASE\WILEY138.L Benzene, ethyl-	118561	000100-41-4	72
13	29.14	0.90	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118578	000108-38-3	95
15	29.96	1.00	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118576	000108-38-3	92
16	30.22	75.35	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	78
18	32.09	0.82	C:\DATABASE\WILEY138.L Benzaldehyde	118546	000100-52-7	96
19	32.30	0.35	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	90
20	33.11	0.90	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	95
21	33.76	0.47	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	96
22	34.50	0.69	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	97

File : D:\CWC\SAMPLES\42296-8.D
Operator : ms
Acquired : 22 Apr 96 2:58 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-A3.07A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 42296-8.D
 Analyst: ms
 Analysis Date: 04/22/96
 Method: CWC
 Sample Name: FT6045-A3.07A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	7	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	0	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	0	PPB	
M-XYLENE	108-38-3	0	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	0	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	0	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: LFM A3

Sample Name: FT6045-A3.07A

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex

Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
5	21.68	1.72	C:\DATABASE\WILEY138.L 1-Butanol	116551	000071-36-3	86
7	22.92	6.26	C:\DATABASE\WILEY138.L 2-Propanol, 1-methoxy-	347	000107-98-2	78
9	24.42	2.57	C:\DATABASE\WILEY138.L 2-Pentanone, 4-methyl-	118019	000108-10-1	90
11	29.10	0.41	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118564	000095-47-6	95
12	29.92	0.40	C:\DATABASE\WILEY138.L Benzene, 1,2-dimethyl-	118571	000095-47-6	93
14	30.18	82.00	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	83
16	32.05	0.42	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	93
17	32.27	0.16	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	80
18	33.08	0.35	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	95
19	34.46	0.19	C:\DATABASE\WILEY138.L Benzene, 1,4-dichloro-	123085	000106-46-7	97

Sample: **LFM A3**

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
20	35.20	0.49	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119989	000098-86-2	94

File : D:\CWC\SAMPLES\41996_12.D
Operator : MS
Acquired : 19 Apr 96 6:01 pm using AcqMethod CWC
Instrument : 5972 - In
Sample Name: FT6045-A4.06A
Misc Info : delta p= 50 torr
Vial Number: 1

ANALYSIS REPORT FOR CWC AIR SAMPLES

File Name: 41996_12.D
 Analyst: MS
 Analysis Date: 04/19/96
 Method: CWC
 Sample Name: FT6045-A4.06A

COMPOUND NAME	CAS #	Concentration	Units	Comments
ISO-BUTANE	75-28-5	0	PPB	
VINYL CHLORIDE	75-01-4	0	PPB	
ETHANOL	64-17-5	0	PPB	
ACETONE	67-64-1	0	PPB	
2-PROPANOL	67-63-0	0	PPB	
1,1-DICHLOROETHENE	75-35-4	0	PPB	
FREON 113	76-13-1	0	PPB	
DICHLOROMETHANE	75-09-2	0	PPB	
1,1-DICHLOROETHANE	75-34-3	0	PPB	
2-BUTANONE	78-93-3	0	PPB	
N-HEXANE	110-54-3	0	PPB	
1,2-DICHLOROETHENE	156-59-2	0	PPB	
CHLOROFORM	67-66-3	0	PPB	
TETRAHYDROFURAN	109-99-9	0	PPB	
1,1,1-TRICHLOROETHANE	71-55-6	0	PPB	
1,2-DICHLOROETHANE	107-06-2	0	PPB	
BENZENE	71-43-2	0	PPB	
CARBON TETRACHLORIDE	56-23-5	0	PPB	
CYCLOHEXANE	110-82-7	0	PPB	
N-BUTANOL	71-36-3	0	PPB	
TRICHLOROETHENE	79-01-6	0	PPB	
4-METHYL-2-PENTANONE	108-10-1	0	PPB	
TOLUENE	108-88-3	2	PPB	
1,1,2-TRICHLOROETHANE	79-00-5	0	PPB	
TETRACHLOROETHENE	127-18-4	0	PPB	
CHLOROBENZENE	108-90-7	0	PPB	
ETHYLBENZENE	100-41-4	1	PPB	
M-XYLENE	108-38-3	4	PPB	
STYRENE	100-42-5	0	PPB	
O-XYLENE	95-47-6	2	PPB	
1,1,2,2-TETRACHLOROETHANE	79-34-5	0	PPB	
1,3,5-TRIMETHYLBENZENE	108-67-8	4	PPB	
1,2,4-TRIMETHYLBENZENE	95-63-6	0	PPB	
1,3-DICHLOROBENZENE	541-73-1	0	PPB	
1,2-DICHLOROBENZENE	95-50-1	0	PPB	
1,4-DICHLOROBENZENE	106-46-7	0	PPB	

LIST OF COMPOUNDS TENTATIVELY IDENTIFIED WITH MASS SPECTRAL LIBRARY

Sample: **LFM A4**
 Sample Name: FT6045-A4.06A
 Misc Info : delta p= 50 torr
 Vial Number: 1

Search Libraries: C:\DATABASE\WILEY138.L Minimum Quality: 70
 C:\DATABASE\NBS54K.L Minimum Quality: 70

Unknown Spectrum: Apex
 Integration Params: VOA.E

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
7	25.53	2.30	C:\DATABASE\WILEY138.L Benzene, methyl-	117429	000108-88-3	92
9	28.85	1.78	C:\DATABASE\WILEY138.L Benzene, ethyl-	118561	000100-41-4	90
10	29.10	7.10	C:\DATABASE\WILEY138.L Benzene, 1,3-dimethyl-	118578	000108-38-3	97
12	29.93	3.59	C:\DATABASE\WILEY138.L XYLENE	118580	001330-20-7	95
13	30.16	43.88	C:\DATABASE\WILEY138.L Ethanol, 2-butoxy-	119793	000111-76-2	83
14	32.05	12.54	C:\DATABASE\WILEY138.L Benzaldehyde	118545	000100-52-7	97
15	33.08	1.42	C:\DATABASE\WILEY138.L Benzene, 1,3,5-trimethyl-	120037	000108-67-8	90
16	35.21	1.83	C:\DATABASE\WILEY138.L Ethanone, 1-phenyl-	119988	000098-86-2	93