

VOLATILE ORGANICS DATA ANALYSIS SUMMARY EPA COMPENDIUM TO-15

<b>Lab Name:</b>	EMSL ANAYLTICAL	<b>Air Results for Project:</b>	Sample Report
<b>Lab City:</b>	WESTMONT, NJ	<b>Field ID Number:</b>	
<b>Instrument ID:</b>	5972-VOA#4	<b>Laboratory ID Number</b>	
<b>GC Column:</b>	RTX-502.2 60m 0.25mm 1.4u	<b>Sampling Date:</b>	
<b>Acquisition Method:</b>		<b>Lab File ID:</b>	
<b>Calibration Date:</b>		<b>Analysis Date:</b>	
<b>Matrix:</b>	Air	<b>Time Acquired:</b>	
<b>Latest MDL Date:</b>		<b>Sample Volume(mL):</b>	250
<b>Analyst:</b>		<b>Dilution Factor:</b>	1
<b>Ids</b>		<b>Can ID:</b>	

Compound	CAS Number	Molecular Weight	Results ppbv	Q	Results ug/m3	Reporting Limit(PQL) ppbv at 250mL
Propylene	115-07-1	42	1.0	U	1.7	1.0
Freon 12(Dichlorodifluoromethane)	75-71-8	121	0.50	U	2.5	0.50
Freon 114(1,2-Dichlorotetrafluoroethan)	76-14-2	171	0.50	U	3.5	0.50
Chloromethane	74-87-3	50	0.50	U	1.1	0.50
Vinyl chloride	75-01-4	63	0.50	U	1.3	0.50
1,3 Butadiene	106-99-0	54	0.50	U	1.1	0.50
Bromomethane	74-83-9	95	0.50	U	1.9	0.50
Chloroethane	75-00-3	65	0.50	U	1.3	0.50
Ethanol	64-17-5	46	1.5	U	2.8	1.5
Freon 11(Trichlorotrifluoroethane)	75-69-4	137	0.50	U	2.8	0.50
Isopropyl Alcohol(2-Propanol)	67-63-0	60	1.50	U	3.7	1.5
Freon 113(1,1,2-Trichlorotriflouroethane)	76-13-1	187	0.50	U	3.8	0.50
Acetone	67-64-1	58	3.0	U	7.1	3.0
1,1-Dichloroethane	75-35-4	97	0.50	U	2.0	0.50
Carbon disulfide	75-15-0	76	0.50	U	1.6	0.50
Methylene chloride	75-09-2	85	1.5	U	5.2	1.5
Methyl-tert-butyl ether(MTBE)	1634-04-4	88	0.50	U	1.8	0.50
trans-1,2-Dichloroethene	156-60-5	97	0.50	U	2.0	0.50
n-Hexane	110-54-3	86	0.50	U	1.8	0.50
1,1-Dichloroethene	75-34-3	99	0.50	U	2.0	0.50
Vinyl acetate	108-05-4	86	0.50	U	1.8	0.50
2-Butanone(MEK)	78-93-3	72	0.50	U	1.5	0.50
cis-1,2 Dichloroethene	156-59-2	97	0.50	U	2.0	0.50
Ethyl acetate	141-78-6	88	0.50	U	1.8	0.50
Chloroform	67-66-3	119	0.50	U	2.4	0.50
Tetrahydrofuran	109-99-9	72	0.50	U	1.5	0.50
1,1,1-Trichloroethane	71-55-6	133	0.50	U	2.7	0.50
Cyclohexane	110-82-7	84	0.50	U	1.7	0.50
Carbon tetrachloride	56-23-5	154	0.50	U	3.1	0.50
n-Heptane	142-82-5	100	0.50	U	2.0	0.50
1,2 Dichloroethane	107-06-2	99	0.50	U	2.0	0.50
Benzene	71-43-2	78	0.50	U	1.6	0.50
Trichloroethene	79-01-6	131	0.50	U	2.7	0.50
1,2 Dichloropropane	78-87-5	113	0.50	U	2.3	0.50
Bromodichloromethane	75-27-4	164	0.50	U	3.3	0.50
1,4 Dioxane	123-91-1	88	0.50	U	1.8	0.50
4-Methyl-2-pentanone(MIBK)	108-10-1	100	0.50	U	2.0	0.50
cis-1,3-Dichloropropene	10061-01-5	111	0.50	U	2.3	0.50
Toluene	108-88-3	92	0.50	U	1.9	0.50
trans-1,3-Dichloropropene	10061-02-6	111	0.50	U	2.3	0.50
1,1,2-Trichloroethane	79-00-5	133	0.50	U	2.7	0.50
2-Hexanone(MBK)	591-78-6	100	0.50	U	2.0	0.50
Tetrachloroethene	127-18-4	166	0.50	U	3.4	0.50
Dibromochloromethane	124-48-1	208	0.50	U	4.3	0.50

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1,2-Dibromoethane	106-93-4	188	0.50	U	3.8	0.50
Chlorobenzene	108-90-7	113	0.50	U	2.3	0.50
Ethylbenzene	100-41-4	106	0.50	U	2.2	0.50
Xylene (para & meta)	1330-20-7	106	0.50	U	2.2	0.50
Xylene (Ortho)	95-47-6	106	0.50	U	2.2	0.50
Styrene	100-42-5	104	0.50	U	2.1	0.50
Bromoform	75-25-2	253	0.50	U	5.2	0.50
1,1,2,2-Tetrachloroethane	79-34-5	168	0.50	U	3.4	0.50
4-Ethyltoluene	622-96-8	120	0.50	U	2.5	0.50
1,3,5-Trimethylbenzene	108-67-8	120	0.50	U	2.5	0.50
1,2,4-Trimethylbenzene	95-63-6	120	0.61	U	2.5	0.50
1,3-Dichlorobenzene	541-73-1	147	0.50	U	3.0	0.50
1,4-Dichlorobenzene	106-46-7	147	0.50	U	3.0	0.50
Benzyl chloride	100-44-7	179	0.50	U	3.7	0.50
1,2-Dichlorobenzene	95-50-1	147	0.50	U	3.0	0.50
1,2,4-Trichlorobenzene	120-82-1	182	0.50	U	3.7	0.50
Hexachloro-1,3-butadiene	87-68-3	261	0.50	U	5.3	0.50

Surrogate	Results(ppbv)	True(ppbv)	%Recovery	Limits%
4-Bromofluorobenzene	10.53	10.00	105	70-130

= COMPOUND DETECTED AT REPORTED CONCENTRATION IN PPBV AND UG/M3

U = UNDETECTED

D = DILUTED. REPORTED FROM DILUTION RUN

B = DETECTED IN BLANK

J = DETECTED BELOW PRACTICAL QUANTITATION LEVEL, BUT ABOVE MDL