

# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

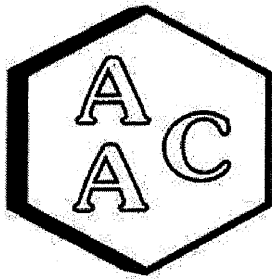
CLIENT : SCS Engineers  
 PROJECT NO : 232060  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 10/10/2023  
 DATE REPORTED : 10/12/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-07			Sample Reporting Limit (SRL) (MRL×DF's)	MS-12			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
AAC ID		232060-49810				232060-49811				
Date Sampled		10/09/2023				10/09/2023				
Date Analyzed		10/10/2023				10/10/2023				
Can Dilution Factor		1.36			1.34					
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Propene	<SRL	U	1	1.36	1.48	U	1	1.34	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Chloromethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Vinyl Chloride	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Methanol	27.6		1	6.79	<SRL	U	1	6.68	5.00	
1,3-Butadiene	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Bromomethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Chloroethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Dichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Ethanol	36.0		1	2.71	4.09	U	1	2.67	2.00	
Vinyl Bromide	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Acetone	9.68		1	2.71	5.12	U	1	2.67	2.00	
Trichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
2-Propanol (IPA)	3.57		1	2.71	<SRL	U	1	2.67	2.00	
Acrylonitrile	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
1,1-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.36	<SRL	U	1	1.34	1.00	
Allyl Chloride	<SRL	U	1	1.36	<SRL	U	1	1.34	1.00	
Carbon Disulfide	<SRL	U	1	2.71	<SRL	U	1	2.67	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
1,1-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Vinyl Acetate	<SRL	U	1	1.36	<SRL	U	1	1.34	1.00	
2-Butanone (MEK)	4.47		1	1.36	<SRL	U	1	1.34	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Hexane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Chloroform	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Ethyl Acetate	1.26		1	0.68	<SRL	U	1	0.67	0.50	
Tetrahydrofuran	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
1,2-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.67	0.50	
Benzene	1.03		1	0.68	<SRL	U	1	0.67	0.50	





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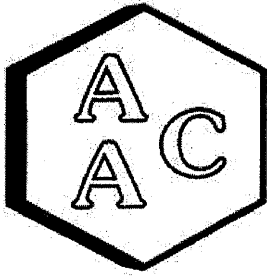
CLIENT : SCS Engineers  
 PROJECT NO : 232133  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 10/17/2023  
 DATE REPORTED : 10/20/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-07			Sample Reporting Limit (SRL)	MS-12			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
	AAC ID	Result	Qualifier		Analysis DF	Result	Qualifier		
	232133-50190				232133-50191				
Date Sampled	10/16/2023				10/16/2023				
Date Analyzed	10/19/2023				10/19/2023				
Can Dilution Factor	1.58				1.52				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Propene	<SRL	U	1	1.58	<SRL	U	1	1.52	1.00
Dichlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Chloromethane	<SRL	U	1	0.79	0.85		1	0.76	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Vinyl Chloride	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Methanol	28.6		1	7.91	16.4		1	7.62	5.00
1,3-Butadiene	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Bromomethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Chloroethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Dichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Ethanol	8.24		1	3.16	12.1		1	3.05	2.00
Vinyl Bromide	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Acetone	6.53		1	3.16	6.22		1	3.05	2.00
Trichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	3.16	<SRL	U	1	3.05	2.00
Acrylonitrile	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
1,1-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.58	<SRL	U	1	1.52	1.00
Allyl Chloride	<SRL	U	1	1.58	<SRL	U	1	1.52	1.00
Carbon Disulfide	<SRL	U	1	3.16	<SRL	U	1	3.05	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
1,1-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Vinyl Acetate	<SRL	U	1	1.58	<SRL	U	1	1.52	1.00
2-Butanone (MEK)	<SRL	U	1	1.58	<SRL	U	1	1.52	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Hexane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Chloroform	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Ethyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Tetrahydrofuran	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
1,2-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.76	0.50
Benzene	1.84		1	0.79	<SRL	U	1	0.76	0.50





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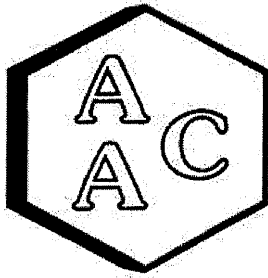
CLIENT : SCS Engineers  
 PROJECT NO : 232294  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 11/07/2023  
 DATE REPORTED : 11/09/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10			Sample Reporting Limit (SRL) (MRLxDF's)	MS-06			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		232294-50957				232294-50958				
Date Sampled		11/06/2023				11/06/2023				
Date Analyzed		11/08/2023				11/08/2023				
Can Dilution Factor		2.99			5.14					
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Propene	<SRL	U	1	2.99	<SRL	U	1	5.14	1.00	
Dichlorodifluoromethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Chloromethane	<SRL	U	1	1.50	8.37	U	1	2.57	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Vinyl Chloride	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Methanol	15.3	U	1	15.0	<SRL	U	1	25.7	5.00	
1,3-Butadiene	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Bromomethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Chloroethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Dichlorofluoromethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Ethanol	13.9	U	1	5.99	12.9	U	1	10.3	2.00	
Vinyl Bromide	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Acetone	9.34	U	1	5.99	23.3	U	1	10.3	2.00	
Trichlorofluoromethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
2-Propanol (IPA)	<SRL	U	1	5.99	<SRL	U	1	10.3	2.00	
Acrylonitrile	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
1,1-Dichloroethene	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Methylene Chloride (DCM)	<SRL	U	1	2.99	<SRL	U	1	5.14	1.00	
Allyl Chloride	<SRL	U	1	2.99	<SRL	U	1	5.14	1.00	
Carbon Disulfide	<SRL	U	1	5.99	<SRL	U	1	10.3	2.00	
Trichlorotrifluoroethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
1,1-Dichloroethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Vinyl Acetate	<SRL	U	1	2.99	<SRL	U	1	5.14	1.00	
2-Butanone (MEK)	4.10	U	1	2.99	<SRL	U	1	5.14	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Hexane	4.13	U	1	1.50	<SRL	U	1	2.57	0.50	
Chloroform	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Ethyl Acetate	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Tetrahydrofuran	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
1,2-Dichloroethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
1,1,1-Trichloroethane	<SRL	U	1	1.50	<SRL	U	1	2.57	0.50	
Benzene	69.5	U	1	1.50	2.67	U	1	2.57	0.50	





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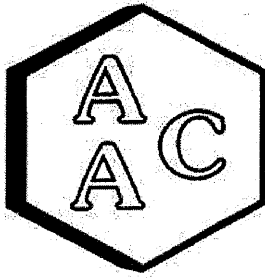
CLIENT : SCS Engineers  
 PROJECT NO : 232354  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 11/21/2023  
 DATE REPORTED : 11/22/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10			Sample Reporting Limit (SRL) (MRLxDF's)	MS-06			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		232354-51554				232354-51555				
Date Sampled		11/20/2023				11/20/2023				
Date Analyzed		11/21/2023				11/21/2023				
Can Dilution Factor		2.71			3.48					
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Propene	<SRL	U	1	2.71	<SRL	U	1	3.48	1.00	
Dichlorodifluoromethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Chloromethane	6.50		1	1.35	<SRL	U	1	1.74	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Vinyl Chloride	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Methanol	<SRL	U	1	13.5	<SRL	U	1	17.4	5.00	
1,3-Butadiene	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Bromomethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Chloroethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Dichlorofluoromethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Ethanol	<SRL	U	1	5.42	<SRL	U	1	6.96	2.00	
Vinyl Bromide	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Acetone	6.50		1	5.42	<SRL	U	1	6.96	2.00	
Trichlorofluoromethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
2-Propanol (IPA)	<SRL	U	1	5.42	<SRL	U	1	6.96	2.00	
Acrylonitrile	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
1,1-Dichloroethene	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Methylene Chloride (DCM)	<SRL	U	1	2.71	<SRL	U	1	3.48	1.00	
Allyl Chloride	<SRL	U	1	2.71	<SRL	U	1	3.48	1.00	
Carbon Disulfide	<SRL	U	1	5.42	<SRL	U	1	6.96	2.00	
Trichlorotrifluoroethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
1,1-Dichloroethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Vinyl Acetate	<SRL	U	1	2.71	<SRL	U	1	3.48	1.00	
2-Butanone (MEK)	<SRL	U	1	2.71	<SRL	U	1	3.48	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Hexane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Chloroform	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Ethyl Acetate	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Tetrahydrofuran	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
1,2-Dichloroethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
1,1,1-Trichloroethane	<SRL	U	1	1.35	<SRL	U	1	1.74	0.50	
Benzene	1.71		1	1.35	<SRL	U	1	1.74	0.50	





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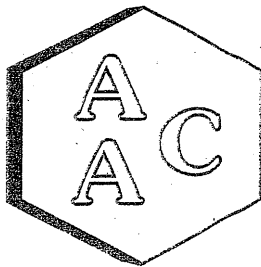
CLIENT : SCS Engineers  
 PROJECT NO : 232515  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 12/05/2023  
 DATE REPORTED : 12/06/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	MS-09			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
<i>AAC ID</i>	232515-52017				
<i>Date Sampled</i>	12/04/2023				
<i>Date Analyzed</i>	12/05/2023				
<i>Can Dilution Factor</i>	2.71				
<i>Compound</i>	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	1.35	0.50
Propene	<SRL	U	1	2.71	1.00
Dichlorodifluoromethane	<SRL	U	1	1.35	0.50
Chloromethane	2.22		1	1.35	0.50
Dichlorotetrafluoroethane	<SRL	U	1	1.35	0.50
Vinyl Chloride	<SRL	U	1	1.35	0.50
Methanol	<SRL	U	1	13.5	5.00
1,3-Butadiene	<SRL	U	1	1.35	0.50
Bromomethane	<SRL	U	1	1.35	0.50
Chloroethane	<SRL	U	1	1.35	0.50
Dichlorofluoromethane	<SRL	U	1	1.35	0.50
Ethanol	<SRL	U	1	5.41	2.00
Vinyl Bromide	<SRL	U	1	1.35	0.50
Acetone	8.74		1	5.41	2.00
Trichlorofluoromethane	<SRL	U	1	1.35	0.50
2-Propanol (IPA)	<SRL	U	1	5.41	2.00
Acrylonitrile	<SRL	U	1	1.35	0.50
1,1-Dichloroethene	<SRL	U	1	1.35	0.50
Methylene Chloride (DCM)	<SRL	U	1	2.71	1.00
Allyl Chloride	<SRL	U	1	2.71	1.00
Carbon Disulfide	<SRL	U	1	5.41	2.00
Trichlorotrifluoroethane	<SRL	U	1	1.35	0.50
trans-1,2-Dichloroethene	<SRL	U	1	1.35	0.50
1,1-Dichloroethane	<SRL	U	1	1.35	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.35	0.50
Vinyl Acetate	<SRL	U	1	2.71	1.00
2-Butanone (MEK)	<SRL	U	1	2.71	1.00
cis-1,2-Dichloroethene	<SRL	U	1	1.35	0.50
Hexane	<SRL	U	1	1.35	0.50
Chloroform	<SRL	U	1	1.35	0.50
Ethyl Acetate	<SRL	U	1	1.35	0.50
Tetrahydrofuran	<SRL	U	1	1.35	0.50
1,2-Dichloroethane	<SRL	U	1	1.35	0.50
1,1,1-Trichloroethane	<SRL	U	1	1.35	0.50
Benzene	2.36		1	1.35	0.50





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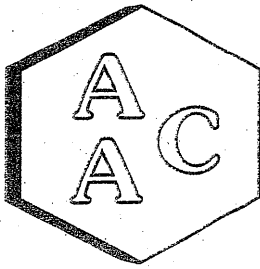
**CLIENT :** SCS Engineers  
**PROJECT NO :** 231751  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

**DATE RECEIVED :** 09/05/2023  
**DATE REPORTED :** 09/08/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		MS11 0905			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	MS08 0905			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	<i>Method Reporting Limit (MRL)</i>
<i>AAC ID</i>		231751-48428				231751-48429				
<i>Date Sampled</i>		09/05/2023				09/05/2023				
<i>Date Analyzed</i>		09/06/2023				09/06/2023				
<i>Can Dilution Factor</i>		1.00			1.00					
<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>		<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>			
Chlorodifluoromethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Propene	<SRL	U	1	1.00	<SRL	U	1	1.00	1.00	
Dichlorodifluoromethane	0.52		1	0.50	0.55		1	0.50	0.50	
Chloromethane	<SRL	U	1	0.50	0.55		1	0.50	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Vinyl Chloride	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Methanol	38.4		1	5.00	33.8		1	5.00	5.00	
1,3-Butadiene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Bromomethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Chloroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Dichlorofluoromethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Ethanol	41.5		1	2.00	36.9		1	2.00	2.00	
Vinyl Bromide	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Acetone	16.6		1	2.00	13.2		1	2.00	2.00	
Trichlorofluoromethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
2-Propanol (IPA)	9.66		1	2.00	6.27		1	2.00	2.00	
Acrylonitrile	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,1-Dichloroethene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Methylene Chloride (DCM)	1.07		1	1.00	<SRL	U	1	1.00	1.00	
Allyl Chloride	<SRL	U	1	1.00	<SRL	U	1	1.00	1.00	
Carbon Disulfide	<SRL	U	1	2.00	<SRL	U	1	2.00	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,1-Dichloroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Vinyl Acetate	<SRL	U	1	1.00	<SRL	U	1	1.00	1.00	
2-Butanone (MEK)	1.46		1	1.00	<SRL	U	1	1.00	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Hexane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Chloroform	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Ethyl Acetate	0.81		1	0.50	0.74		1	0.50	0.50	
Tetrahydrofuran	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,2-Dichloroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Benzene	1.19		1	0.50	0.83		1	0.50	0.50	





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

**CLIENT :** SCS Engineers  
**PROJECT NO :** 232137  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

**DATE RECEIVED :** 10/17/2023  
**DATE REPORTED :** 10/19/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		<i>S End Lincoln</i>			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	<i>MS-12</i>			<i>Sample Reporting Limit (SRL) (MRLxDF's)</i>	<i>Method Reporting Limit (MRL)</i>
<i>AAC ID</i>		<i>232137-50216</i>				<i>232137-50217</i>				
<i>Date Sampled</i>		<i>10/17/2023</i>				<i>10/17/2023</i>				
<i>Date Analyzed</i>		<i>10/18/2023</i>				<i>10/18/2023</i>				
<i>Can Dilution Factor</i>		<i>1.00</i>			<i>1.00</i>					
<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>		<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>			
Chlorodifluoromethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Propene	<SRL	U	1	1.00	28.1		1	1.00	1.00	
Dichlorodifluoromethane	0.52		1	0.50	0.54		1	0.50	0.50	
Chloromethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Vinyl Chloride	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Methanol	37.5		1	5.00	36.5		1	5.00	5.00	
1,3-Butadiene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Bromomethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Chloroethane	<SRL	U	1	1.00	<SRL	U	1	1.00	1.00	
Dichlorofluoromethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Ethanol	31.9		1	2.00	232		25	50.0	2.00	
Vinyl Bromide	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Acetone	21.3		1	2.00	25.4		1	2.00	2.00	
Trichlorofluoromethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
2-Propanol (IPA)	4.73		1	2.00	4.78		1	2.00	2.00	
Acrylonitrile	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,1-Dichloroethene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.00	<SRL	U	1	1.00	1.00	
Allyl Chloride	<SRL	U	1	1.00	<SRL	U	1	1.00	1.00	
Carbon Disulfide	<SRL	U	1	2.00	<SRL	U	1	2.00	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,1-Dichloroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Vinyl Acetate	<SRL	U	1	1.00	<SRL	U	1	1.00	1.00	
2-Butanone (MEK)	<SRL	U	1	2.00	<SRL	U	1	2.00	2.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Hexane	<SRL	U	1	0.50	33.9		1	0.50	0.50	
Chloroform	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Ethyl Acetate	<SRL	U	1	0.50	0.53		1	0.50	0.50	
Tetrahydrofuran	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,2-Dichloroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.50	<SRL	U	1	0.50	0.50	
Benzene	<SRL	U	1	0.50	6.49		1	0.50	0.50	

