

RESULTS: Karla Reesor Peace River Area Monitoring Program Committee	403 807 2995	CLIENT SAMPLE ID PRAMP_Reno-2019-0410	CANISTER ID 32212	Matrix Ambient Air	Priority Normal
INVOICE: Office Manager		DESCRIPTION: Methane Trigger			
		DATE SAMPLED: 10-Apr-19		DATE RECEIVED: 15-Apr-19	
		REPORT CREATED: 24-Apr-19		REPORT NUMBER: 19040140	
				VERSION: Version 01	

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-001	1-Butene	K, T, U	< 0.15 ppmv	0.15	NA-025	16-Apr-19
19040140-001	Acetylene	K, T, U	< 0.12 ppmv	0.12	NA-025	16-Apr-19
19040140-001	n-Butane	K, T, U	< 0.3 ppmv	0.3	NA-025	16-Apr-19
19040140-001	cis-2-Butene	K, T, U	< 0.06 ppmv	0.06	NA-025	16-Apr-19
19040140-001	Ethane	K, T, U	< 0.2 ppmv	0.2	NA-025	16-Apr-19
19040140-001	Ethylacetylene	K, T, U	< 0.09 ppmv	0.09	NA-025	16-Apr-19
19040140-001	Ethylene	K, T, U	< 0.11 ppmv	0.11	NA-025	16-Apr-19
19040140-001	Isobutane	K, T, U	< 0.2 ppmv	0.2	NA-025	16-Apr-19
19040140-001	Isobutylene	K, T, U	< 0.2 ppmv	0.2	NA-025	16-Apr-19
19040140-001	Methane		2.9 ppmv	0.2	NA-025	16-Apr-19
19040140-001	n-Propane	K, T, U	< 0.11 ppmv	0.11	NA-025	16-Apr-19
19040140-001	Propylene	K, T, U	< 0.2 ppmv	0.2	NA-025	16-Apr-19
19040140-001	Propyne	K, T, U	< 0.2 ppmv	0.2	NA-025	16-Apr-19
19040140-001	trans-2-Butene	K, T, U	< 0.14 ppmv	0.14	NA-025	16-Apr-19
19040140-001	1,1,1-Trichloroethane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1,1,2,2-Tetrachloroethane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1,1,2-Trichloroethane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1,1-Dichloroethane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP_Reno-2019-0410	32212	Ambient Air	10-Apr-19
DESCRIPTION:	Methane Trigger		
REPORT NUMBER:	19040140	REPORT CREATED:	24-Apr-19
			VERSION: Version 01

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-001	1,1-Dichloroethylene	K, T, U	< 0.06 ppbv	0.06	AC-058	16-Apr-19
19040140-001	1,2,3-Trimethylbenzene	K, T, U	< 0.08 ppbv	0.08	AC-058	16-Apr-19
19040140-001	1,2,4-Trichlorobenzene	K, T, U	< 1.2 ppbv	1.2	AC-058	16-Apr-19
19040140-001	1,2,4-Trimethylbenzene	K, T, U	< 0.08 ppbv	0.08	AC-058	16-Apr-19
19040140-001	1,2-Dibromoethane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1,2-Dichlorobenzene	K, T, U	< 0.05 ppbv	0.05	AC-058	16-Apr-19
19040140-001	1,2-Dichloroethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	1,2-Dichloropropane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	1,3,5-Trimethylbenzene	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1,3-Butadiene	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1,3-Dichlorobenzene	K, T, U	< 0.5 ppbv	0.5	AC-058	16-Apr-19
19040140-001	1,4-Dichlorobenzene	K, T, U	< 0.6 ppbv	0.6	AC-058	16-Apr-19
19040140-001	1,4-Dioxane	K, T, U	< 0.6 ppbv	0.6	AC-058	16-Apr-19
19040140-001	1-Butene/Isobutylene	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1-Hexene/2-Methyl-1-pentene	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	1-Pentene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	2,2,4-Trimethylpentane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	2,2-Dimethylbutane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	2,3,4-Trimethylpentane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	2,3-Dimethylbutane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	2,3-Dimethylpentane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	2,4-Dimethylpentane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	2-Methylheptane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	2-Methylhexane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	2-Methylpentane		0.05 ppbv	0.02	AC-058	16-Apr-19

Report certified by: Rebecca Holgate, Account Coordinator

On behalf of: PJ Pretorius, Manager, Analysis and Testing Services

Date: April 24, 2019

Inquiries: (780) 632 8455

E-mail: EAS.Results@innotechalberta.ca

CLIENT SAMPLE ID	CANISTER ID	Matrix	DATE SAMPLED
PRAMP_Reno-2019-0410	32212	Ambient Air	10-Apr-19
DESCRIPTION:	Methane Trigger		
REPORT NUMBER:	19040140	REPORT CREATED:	24-Apr-19
			VERSION: Version 01

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
19040140-001	3-Methylheptane	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	3-Methylhexane	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	3-Methylpentane	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-001	Acetone		12.6	ppbv	0.6	AC-058	16-Apr-19
19040140-001	Acrolein		0.5	ppbv	0.5	AC-058	16-Apr-19
19040140-001	Benzene	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-001	Benzyl chloride	K, T, U	< 0.6	ppbv	0.6	AC-058	16-Apr-19
19040140-001	Bromodichloromethane	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	Bromoform	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	Bromomethane	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-001	Carbon disulfide	I	0.12	ppbv	0.02	AC-058	16-Apr-19
19040140-001	Carbon tetrachloride	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-001	Chlorobenzene	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	Chloroethane	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	Chloroform	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	Chloromethane		0.55	ppbv	0.03	AC-058	16-Apr-19
19040140-001	cis-1,2-Dichloroethene	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-001	cis-1,3-Dichloropropene	K, T, U	< 0.06	ppbv	0.06	AC-058	16-Apr-19
19040140-001	cis-2-Butene	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	cis-2-Pentene	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	Cyclohexane	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-001	Cyclopentane	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-001	Dibromochloromethane	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-001	Ethanol		2.5	ppbv	0.5	AC-058	16-Apr-19
19040140-001	Ethyl acetate	K, T, U	< 0.6	ppbv	0.6	AC-058	16-Apr-19

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PRAMP_Reno-2019-0410	32212	Ambient Air	10-Apr-19
DESCRIPTION:	Methane Trigger		
REPORT NUMBER:	19040140	REPORT CREATED:	24-Apr-19
			VERSION: Version 01

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-001	Ethylbenzene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	Freon-11	I	0.15 ppbv	0.03	AC-058	16-Apr-19
19040140-001	Freon-113	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	Freon-114	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	Freon-12	I	0.43 ppbv	0.03	AC-058	16-Apr-19
19040140-001	Hexachloro-1,3-butadiene	K, T, U	< 0.76 ppbv	0.76	AC-058	16-Apr-19
19040140-001	Isobutane		0.24 ppbv	0.03	AC-058	16-Apr-19
19040140-001	Isopentane		0.28 ppbv	0.05	AC-058	16-Apr-19
19040140-001	Isoprene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	Isopropyl alcohol	K, T, U	< 0.6 ppbv	0.6	AC-058	16-Apr-19
19040140-001	Isopropylbenzene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	m,p-Xylene	K, T, U	< 0.05 ppbv	0.05	AC-058	16-Apr-19
19040140-001	m-Diethylbenzene	K, T, U	< 0.06 ppbv	0.06	AC-058	16-Apr-19
19040140-001	m-Ethyltoluene	K, T, U	< 0.12 ppbv	0.12	AC-058	16-Apr-19
19040140-001	Methyl butyl ketone	K, T, U	< 0.76 ppbv	0.76	AC-058	16-Apr-19
19040140-001	Methyl ethyl ketone	K, T, U	< 0.5 ppbv	0.5	AC-058	16-Apr-19
19040140-001	Methyl isobutyl ketone	K, T, U	< 0.6 ppbv	0.6	AC-058	16-Apr-19
19040140-001	Methyl methacrylate	K, T, U	< 0.11 ppbv	0.11	AC-058	16-Apr-19
19040140-001	Methyl tert butyl ether	K, T, U	< 0.05 ppbv	0.05	AC-058	16-Apr-19
19040140-001	Methylcyclohexane		0.16 ppbv	0.02	AC-058	16-Apr-19
19040140-001	Methylcyclopentane		0.11 ppbv	0.03	AC-058	16-Apr-19
19040140-001	Methylene chloride	K, T, U	< 0.5 ppbv	0.5	AC-058	16-Apr-19
19040140-001	n-Butane		0.25 ppbv	0.05	AC-058	16-Apr-19
19040140-001	n-Decane	K, T, U	< 0.09 ppbv	0.09	AC-058	16-Apr-19
19040140-001	n-Dodecane	K, T, U	< 0.6 ppbv	0.6	AC-058	16-Apr-19

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PRAMP_Reno-2019-0410	32212	Ambient Air	10-Apr-19
DESCRIPTION:	Methane Trigger		
REPORT NUMBER:	19040140	REPORT CREATED:	24-Apr-19
			VERSION: Version 01

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-001	n-Heptane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	n-Hexane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	n-Octane	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	n-Pentane	K, T, U	< 0.2 ppbv	0.2	AC-058	16-Apr-19
19040140-001	n-Propylbenzene	K, T, U	< 0.08 ppbv	0.08	AC-058	16-Apr-19
19040140-001	n-Undecane	K, T, U	< 0.8 ppbv	0.8	AC-058	16-Apr-19
19040140-001	Naphthalene	K, T, U	< 0.8 ppbv	0.8	AC-058	16-Apr-19
19040140-001	n-Nonane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	o-Ethyltoluene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	o-Xylene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	p-Diethylbenzene	K, T, U	< 0.06 ppbv	0.06	AC-058	16-Apr-19
19040140-001	p-Ethyltoluene	K, T, U	< 0.11 ppbv	0.11	AC-058	16-Apr-19
19040140-001	Styrene	I	0.22 ppbv	0.06	AC-058	16-Apr-19
19040140-001	Tetrachloroethylene	K, T, U	< 0.06 ppbv	0.06	AC-058	16-Apr-19
19040140-001	Tetrahydrofuran	K, T, U	< 0.6 ppbv	0.6	AC-058	16-Apr-19
19040140-001	Toluene		0.85 ppbv	0.02	AC-058	16-Apr-19
19040140-001	trans-1,2-Dichloroethylene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	trans-1,3-Dichloropropylene	K, T, U	< 0.06 ppbv	0.06	AC-058	16-Apr-19
19040140-001	trans-2-Butene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-001	trans-2-Pentene	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-001	Trichloroethylene	K, T, U	< 0.06 ppbv	0.06	AC-058	16-Apr-19
19040140-001	Vinyl acetate	K, T, U	< 0.6 ppbv	0.6	AC-058	16-Apr-19
19040140-001	Vinyl chloride	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19

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On behalf of: PJ Pretorius, Manager, Analysis and Testing Services

Date: April 24, 2019

Inquiries: (780) 632 8455

E-mail: EAS.Results@innotechalberta.ca

CLIENT SAMPLE ID PRAMP_Reno-Blank	CANISTER ID 32190	Matrix Ambient Air	DATE SAMPLED 11-Apr-19
DESCRIPTION:			
REPORT NUMBER: 19040140	REPORT CREATED: 24-Apr-19	VERSION: Version 01	

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-002	1-Butene	K, T, U	< 1.34 ppmv	1.34	NA-025	16-Apr-19
19040140-002	Acetylene	K, T, U	< 1.08 ppmv	1.08	NA-025	16-Apr-19
19040140-002	n-Butane	K, T, U	< 2.7 ppmv	2.7	NA-025	16-Apr-19
19040140-002	cis-2-Butene	K, T, U	< 0.54 ppmv	0.54	NA-025	16-Apr-19
19040140-002	Ethane	K, T, U	< 1.3 ppmv	1.3	NA-025	16-Apr-19
19040140-002	Ethylacetylene	K, T, U	< 0.81 ppmv	0.81	NA-025	16-Apr-19
19040140-002	Ethylene	K, T, U	< 0.94 ppmv	0.94	NA-025	16-Apr-19
19040140-002	Isobutane	K, T, U	< 1.3 ppmv	1.3	NA-025	16-Apr-19
19040140-002	Isobutylene	K, T, U	< 1.3 ppmv	1.3	NA-025	16-Apr-19
19040140-002	Methane	K, T, U	< 1.3 ppmv	1.3	NA-025	16-Apr-19
19040140-002	n-Propane	K, T, U	< 0.94 ppmv	0.94	NA-025	16-Apr-19
19040140-002	Propylene	K, T, U	< 1.3 ppmv	1.3	NA-025	16-Apr-19
19040140-002	Propyne	K, T, U	< 1.3 ppmv	1.3	NA-025	16-Apr-19
19040140-002	trans-2-Butene	K, T, U	< 1.21 ppmv	1.21	NA-025	16-Apr-19
19040140-002	1,1,1-Trichloroethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1,1,2,2-Tetrachloroethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1,1,2-Trichloroethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1,1-Dichloroethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1,1-Dichloroethylene	K, T, U	< 0.04 ppbv	0.04	AC-058	16-Apr-19
19040140-002	1,2,3-Trimethylbenzene	K, T, U	< 0.05 ppbv	0.05	AC-058	16-Apr-19
19040140-002	1,2,4-Trichlorobenzene	K, T, U	< 0.8 ppbv	0.8	AC-058	16-Apr-19
19040140-002	1,2,4-Trimethylbenzene	K, T, U	< 0.05 ppbv	0.05	AC-058	16-Apr-19
19040140-002	1,2-Dibromoethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1,2-Dichlorobenzene	K, T, U	< 0.03 ppbv	0.03	AC-058	16-Apr-19
19040140-002	1,2-Dichloroethane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19

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CLIENT SAMPLE ID PRAMP_Reno-Blank	CANISTER ID 32190	Matrix Ambient Air	DATE SAMPLED 11-Apr-19
DESCRIPTION:			
REPORT NUMBER: 19040140	REPORT CREATED: 24-Apr-19	VERSION: Version 01	

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-002	1,2-Dichloropropane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	1,3,5-Trimethylbenzene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1,3-Butadiene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1,3-Dichlorobenzene	K, T, U	< 0.3 ppbv	0.3	AC-058	16-Apr-19
19040140-002	1,4-Dichlorobenzene	K, T, U	< 0.4 ppbv	0.4	AC-058	16-Apr-19
19040140-002	1,4-Dioxane	K, T, U	< 0.4 ppbv	0.4	AC-058	16-Apr-19
19040140-002	1-Butene/Isobutylene		1.27 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1-Hexene/2-Methyl-1-pentene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	1-Pentene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	2,2,4-Trimethylpentane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	2,2-Dimethylbutane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	2,3,4-Trimethylpentane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	2,3-Dimethylbutane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	2,3-Dimethylpentane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	2,4-Dimethylpentane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	2-Methylheptane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	2-Methylhexane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	2-Methylpentane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	3-Methylheptane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	3-Methylhexane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	3-Methylpentane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Acetone	K, T, U	< 0.4 ppbv	0.4	AC-058	16-Apr-19
19040140-002	Acrolein	K, T, U	< 0.3 ppbv	0.3	AC-058	16-Apr-19
19040140-002	Benzene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Benzyl chloride	K, T, U	< 0.4 ppbv	0.4	AC-058	16-Apr-19

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DESCRIPTION:			
REPORT NUMBER: 19040140	REPORT CREATED: 24-Apr-19	VERSION: Version 01	

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-002	Bromodichloromethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Bromoform	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Bromomethane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Carbon disulfide	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Carbon tetrachloride	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Chlorobenzene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Chloroethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Chloroform	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Chloromethane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	cis-1,2-Dichloroethene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	cis-1,3-Dichloropropene	K, T, U	< 0.04 ppbv	0.04	AC-058	16-Apr-19
19040140-002	cis-2-Butene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	cis-2-Pentene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Cyclohexane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Cyclopentane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Dibromochloromethane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Ethanol	K, T, U	< 0.3 ppbv	0.3	AC-058	16-Apr-19
19040140-002	Ethyl acetate	K, T, U	< 0.4 ppbv	0.4	AC-058	16-Apr-19
19040140-002	Ethylbenzene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Freon-11	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Freon-113	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	Freon-114	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Freon-12	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Hexachloro-1,3-butadiene	K, T, U	< 0.50 ppbv	0.50	AC-058	16-Apr-19
19040140-002	Isobutane	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19

Report certified by: Rebecca Holgate, Account Coordinator

On behalf of: PJ Pretorius, Manager, Analysis and Testing Services

Date: April 24, 2019

Inquiries: (780) 632 8455

E-mail: EAS.Results@innotechalberta.ca

CLIENT SAMPLE ID PRAMP_Reno-Blank	CANISTER ID 32190	Matrix Ambient Air	DATE SAMPLED 11-Apr-19
DESCRIPTION:			
REPORT NUMBER: 19040140	REPORT CREATED: 24-Apr-19	VERSION: Version 01	

Lab ID	Parameter	Qualifier	Result	Units	RDL	Method	Analysis Date
19040140-002	Isopentane	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-002	Isoprene	K, T, U	< 0.01	ppbv	0.01	AC-058	16-Apr-19
19040140-002	Isopropyl alcohol	K, T, U	< 0.4	ppbv	0.4	AC-058	16-Apr-19
19040140-002	Isopropylbenzene	K, T, U	< 0.01	ppbv	0.01	AC-058	16-Apr-19
19040140-002	m,p-Xylene	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-002	m-Diethylbenzene	K, T, U	< 0.04	ppbv	0.04	AC-058	16-Apr-19
19040140-002	m-Ethyltoluene	K, T, U	< 0.08	ppbv	0.08	AC-058	16-Apr-19
19040140-002	Methyl butyl ketone	K, T, U	< 0.50	ppbv	0.50	AC-058	16-Apr-19
19040140-002	Methyl ethyl ketone	K, T, U	< 0.3	ppbv	0.3	AC-058	16-Apr-19
19040140-002	Methyl isobutyl ketone	K, T, U	< 0.4	ppbv	0.4	AC-058	16-Apr-19
19040140-002	Methyl methacrylate	K, T, U	< 0.07	ppbv	0.07	AC-058	16-Apr-19
19040140-002	Methyl tert butyl ether	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-002	Methylcyclohexane	K, T, U	< 0.01	ppbv	0.01	AC-058	16-Apr-19
19040140-002	Methylcyclopentane	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-002	Methylene chloride	K, T, U	< 0.3	ppbv	0.3	AC-058	16-Apr-19
19040140-002	n-Butane	K, T, U	< 0.03	ppbv	0.03	AC-058	16-Apr-19
19040140-002	n-Decane	K, T, U	< 0.06	ppbv	0.06	AC-058	16-Apr-19
19040140-002	n-Dodecane	K, T, U	< 0.4	ppbv	0.4	AC-058	16-Apr-19
19040140-002	n-Heptane	K, T, U	< 0.01	ppbv	0.01	AC-058	16-Apr-19
19040140-002	n-Hexane	K, T, U	< 0.01	ppbv	0.01	AC-058	16-Apr-19
19040140-002	n-Octane	K, T, U	< 0.02	ppbv	0.02	AC-058	16-Apr-19
19040140-002	n-Pentane	K, T, U	< 0.1	ppbv	0.1	AC-058	16-Apr-19
19040140-002	n-Propylbenzene	K, T, U	< 0.05	ppbv	0.05	AC-058	16-Apr-19
19040140-002	n-Undecane	K, T, U	< 0.5	ppbv	0.5	AC-058	16-Apr-19
19040140-002	Naphthalene	K, T, U	< 0.5	ppbv	0.5	AC-058	16-Apr-19

Report certified by: Rebecca Holgate, Account Coordinator

On behalf of: PJ Pretorius, Manager, Analysis and Testing Services

Date: April 24, 2019

Inquiries: (780) 632 8455

E-mail: EAS.Results@innotechalberta.ca

CLIENT SAMPLE ID PRAMP_Reno-Blank	CANISTER ID 32190	Matrix Ambient Air	DATE SAMPLED 11-Apr-19
DESCRIPTION:			
REPORT NUMBER: 19040140	REPORT CREATED: 24-Apr-19	VERSION: Version 01	

Lab ID	Parameter	Qualifier	Result Units	RDL	Method	Analysis Date
19040140-002	n-Nonane	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	o-Ethyltoluene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	o-Xylene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	p-Diethylbenzene	K, T, U	< 0.04 ppbv	0.04	AC-058	16-Apr-19
19040140-002	p-Ethyltoluene	K, T, U	< 0.07 ppbv	0.07	AC-058	16-Apr-19
19040140-002	Styrene	I	0.12 ppbv	0.04	AC-058	16-Apr-19
19040140-002	Tetrachloroethylene	K, T, U	< 0.04 ppbv	0.04	AC-058	16-Apr-19
19040140-002	Tetrahydrofuran	K, T, U	< 0.4 ppbv	0.4	AC-058	16-Apr-19
19040140-002	Toluene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	trans-1,2-Dichloroethylene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	trans-1,3-Dichloropropylene	K, T, U	< 0.04 ppbv	0.04	AC-058	16-Apr-19
19040140-002	trans-2-Butene	K, T, U	< 0.01 ppbv	0.01	AC-058	16-Apr-19
19040140-002	trans-2-Pentene	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19
19040140-002	Trichloroethylene	K, T, U	< 0.04 ppbv	0.04	AC-058	16-Apr-19
19040140-002	Vinyl acetate	K, T, U	< 0.4 ppbv	0.4	AC-058	16-Apr-19
19040140-002	Vinyl chloride	K, T, U	< 0.02 ppbv	0.02	AC-058	16-Apr-19



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Revision History

Order ID	Ver	Date	Reason
19040140	01	24-Apr-19	Report created



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Methods

Method	Description
AC-058	Determination of Volatile Organic Compounds in Ambient Air by Gas Chromatography Mass Spectrometry
NA-025	Determination of Light Hydrocarbons (C1C4) in Ambient Air by Gas Chromatography Flame Ionization Detector

Qualifiers

Data Qualifier Translation

B	Blank contamination; Analyte detected above the method reporting limit in an associated blank
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J1	Reported value is estimated; Surrogate recoveries limits were exceeded
J2	Reported value is estimated; No known QC criteria for this component
J3	Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
J4	Reported value is estimated; The sample matrix interfered with the analysis
K	Off-scale low. Actual value is known to be less than the value given
L	Off-scale high. Actual value is known to be greater than value given
N	Non-target analyte; Tentatively identified compound (using mass spectroscopy)
Q	Sample held beyond the accepted holding time
R	Rejected data; Not suitable for the projects intended use
T	Value reported is less than the laboratory method detection limit
U	Compound was analyzed for but not detected
V	Analyte was detected in both the sample and the associated method blank



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Order Comments

19040140

Send results to pramptech@prampairshed.ca. Unknowns to be reported. Return sample to reception for isotope analysis.



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Sample Comments

19040140-001

RSC analysis not performed due to equipment failure.

19040140-002

RSC analysis not performed due to equipment failure.



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Result Comments

Note:

- 1. Results relate only to items tested and apply to the sample as received.*
- 2. This report shall not be reproduced, except in full, without the explicit approval of the laboratory.*