

US EPA ARCHIVE DOCUMENT





**EPO L.P. - Mont Belvieu LAB Report - Multi-Component**

From: 1/1/2012 07:00:00 to: 1/1/2013 07:00:00

Plant/Unit Area/ Sample Point	Results/Units	2/12/2014	Meter	Comments
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**TNK FARM [058-0028]**

H.N.G. FUEL GAS	CO68056	1/15/12	
UNIDENTIFIED VOLATILE SULFUF	BDL wt. ppm s	1/15/12 17:30	
HYDROGEN	BDL mole %	1/15/12 17:30	
NITROGEN	BDL mole %	1/15/12 17:30	
CARBON MONOXIDE	BDL mole %	1/15/12 17:30	
CARBON DIOXIDE	1.852 mole %	1/15/12 17:30	
METHANE	93.79 mole %	1/15/12 17:30	
ETHANE	2.976 mole %	1/15/12 17:30	
ETHYLENE	BDL mole %	1/15/12 17:30	
PROPANE	.7842 mole %	1/15/12 17:30	
PROPYLENE	BDL mole %	1/15/12 17:30	
ISOBUTANE	.1622 mole %	1/15/12 17:30	
N-BUTANE	.2107 mole %	1/15/12 17:30	
PROPADIENE	BDL mole %	1/15/12 17:30	
TRANS-2-BUTENE	BDL mole %	1/15/12 17:30	
1-BUTENE	BDL mole %	1/15/12 17:30	
ISOBUTYLENE	BDL mole %	1/15/12 17:30	
CIS-2-BUTENE	BDL mole %	1/15/12 17:30	
ISOPENTANE	BDL mole %	1/15/12 17:30	
N-PENTANE	.06547 mole %	1/15/12 17:30	
1,3 BUTADIENE	BDL mole %	1/15/12 17:30	
HEXANES+	.1561 mole %	1/15/12 17:30	
CARBONYL SULFIDE	BDL wt. ppm s	1/15/12 17:30	
HYDROGEN SULFIDE	BDL wt. ppm s	1/15/12 17:30	
C2 AND LIGHTER	96.766 mole %	1/15/12 17:30	Combination C2 AND LIGHTER
C3 AND LIGHTER	97.5502 mole %	1/15/12 17:30	Combination C3 AND LIGHTER
C3+	.7842 mole %	1/15/12 17:30	Combination C3+
C4 OLEFINS	.00 mole %	1/15/12 17:30	Combination C4 OLEFINS
C4+	.3729 mole %	1/15/12 17:30	Combination C4+
C5+	.22157 mole %	1/15/12 17:30	Combination C5+
MERCAPTAN SULFUR	.00 wt. ppm s	1/15/12 17:30	Combination MERCAPTAN SULFUR
OLEFINS	.00 mole %	1/15/12 17:30	Combination OLEFINS

H.N.G. FUEL GAS	CO71817	1/22/12	
1 PENTANETHIOL	BDL wt. ppm s	1/22/12 17:30	
1,3 PROPANEDITHIOL	BDL wt. ppm s	1/22/12 17:30	
1,4 BUTANEDITHIOL	BDL wt. ppm s	1/22/12 17:30	
2 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	1/22/12 17:30	
2-ETHYL THIOPHENE	BDL wt. ppm s	1/22/12 17:30	
2-METHYL THIOPHENE	BDL wt. ppm s	1/22/12 17:30	
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	1/22/12 17:30	
3-METHYL THIOPHENE	BDL wt. ppm s	1/22/12 17:30	
ARGON+OXYGEN	.02515 mole %	1/22/12 17:30	
BENZOTHIOPHENE	BDL wt. ppm s	1/22/12 17:30	
CARBON DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIBENZOTHIOPHENE	BDL wt. ppm s	1/22/12 17:30	
DIBUTYL DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIBUTYL SULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIETHYL DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIETHYL SULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIISOPROPYL DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIISOPROPYL SULFIDE	BDL wt. ppm s	1/22/12 17:30	



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## TNK FARM [058-0028]

H.N.G. FUEL GAS	CO79018	2/5/12
2-ETHYL THIOPHENE	BDL wt. ppm s	2/5/12 17:30
2-METHYL THIOPHENE	BDL wt. ppm s	2/5/12 17:30
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
3-METHYL THIOPHENE	BDL wt. ppm s	2/5/12 17:30
ARGON+OXYGEN	.01997 mole %	2/5/12 17:30
BENZOTHIOPHENE	BDL wt. ppm s	2/5/12 17:30
CARBON DISULFIDE	BDL wt. ppm s	2/5/12 17:30
DIBENZOTHIOPHENE	BDL wt. ppm s	2/5/12 17:30
DIBUTYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
DIBUTYL SULFIDE	BDL wt. ppm s	2/5/12 17:30
DIETHYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
DIETHYL SULFIDE	BDL wt. ppm s	2/5/12 17:30
DIISOPROPYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
DIISOPROPYL SULFIDE	BDL wt. ppm s	2/5/12 17:30
DIMETHYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
DIPHENYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
DIPROPYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
DIPROPYL SULFIDE	BDL wt. ppm s	2/5/12 17:30
ETHYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
ETHYL METHYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
ETHYL METHYL SULFIDE	BDL wt. ppm s	2/5/12 17:30
ISOBUTYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
ISOPROPYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
METHYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
METHYL PROPYL DISULFIDE	BDL wt. ppm s	2/5/12 17:30
METHYL SULFIDE	BDL wt. ppm s	2/5/12 17:30
N-BUTYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
N-PROPYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
S-BUTYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
SULFUR DIOXIDE/HC	BDL wt. ppm s	2/5/12 17:30
T-BUTYL MERCAPTAN	BDL wt. ppm s	2/5/12 17:30
THIOPHENE	BDL wt. ppm s	2/5/12 17:30
THIOPHENOL	BDL wt. ppm s	2/5/12 17:30
TOTAL SULFUR, WT PPM	BDL wt. ppm s	2/5/12 17:30
UNIDENTIFIED VOLATILE SULFU	BDL wt. ppm s	2/5/12 17:30
HYDROGEN	BDL mole %	2/5/12 17:30
NITROGEN	.1531 mole %	2/5/12 17:30
CARBON MONOXIDE	BDL mole %	2/5/12 17:30
CARBON DIOXIDE	1.868 mole %	2/5/12 17:30
METHANE	93.35 mole %	2/5/12 17:30
ETHANE	3.308 mole %	2/5/12 17:30
ETHYLENE	BDL mole %	2/5/12 17:30
PROPANE	.8225 mole %	2/5/12 17:30
PROPYLENE	BDL mole %	2/5/12 17:30
ISOBUTANE	.1569 mole %	2/5/12 17:30
N-BUTANE	.1875 mole %	2/5/12 17:30
PROPADIENE	BDL mole %	2/5/12 17:30
TRANS-2-BUTENE	BDL mole %	2/5/12 17:30
1-BUTENE	BDL mole %	2/5/12 17:30
ISOBUTYLENE	BDL mole %	2/5/12 17:30



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### TNK FARM [058-0028]

H.N.G. FUEL GAS	CO79018	2/5/12	
CIS-2-BUTENE	BDL	mole %	2/5/12 17:30
ISOPENTANE	.0601	mole %	2/5/12 17:30
N-PENTANE	.03238	mole %	2/5/12 17:30
1,3 BUTADIENE	BDL	mole %	2/5/12 17:30
HEXANES+	.03824	mole %	2/5/12 17:30
CARBONYL SULFIDE	BDL	wt. ppm s	2/5/12 17:30
HYDROGEN SULFIDE	BDL	wt. ppm s	2/5/12 17:30
C2 AND LIGHTER	96.8111	mole %	2/5/12 17:30 Combination C2 AND LIGHTER
C3 AND LIGHTER	97.6336	mole %	2/5/12 17:30 Combination C3 AND LIGHTER
C3+	.8225	mole %	2/5/12 17:30 Combination C3+
C4 OLEFINS	.00	mole %	2/5/12 17:30 Combination C4 OLEFINS
C4+	.3444	mole %	2/5/12 17:30 Combination C4+
C5+	.13072	mole %	2/5/12 17:30 Combination C5+
MERCAPTAN SULFUR	.00	wt. ppm s	2/5/12 17:30 Combination MERCAPTAN SULFUR
OLEFINS	.00	mole %	2/5/12 17:30 Combination OLEFINS

H.N.G. FUEL GAS	CO82721	2/12/12	
1 PENTANETHIOL	BDL	wt. ppm s	2/12/12 17:02
1,3 PROPANEDITHIOL	BDL	wt. ppm s	2/12/12 17:02
1,4 BUTANEDITHIOL	BDL	wt. ppm s	2/12/12 17:02
2 METHYL 1 BUTYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
2-ETHYL THIOPHENE	BDL	wt. ppm s	2/12/12 17:02
2-METHYL THIOPHENE	.20	wt. ppm s	2/12/12 17:02
3 METHYL 1 BUTYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
3-METHYL THIOPHENE	BDL	wt. ppm s	2/12/12 17:02
ARGON+OXYGEN	BDL	mole %	2/12/12 17:02
BENZOTHIOPHENE	BDL	wt. ppm s	2/12/12 17:02
CARBON DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIBENZOTHIOPHENE	BDL	wt. ppm s	2/12/12 17:02
DIBUTYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIBUTYL SULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIETHYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIETHYL SULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIISOPROPYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIISOPROPYL SULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIMETHYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIPHENYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIPROPYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
DIPROPYL SULFIDE	BDL	wt. ppm s	2/12/12 17:02
ETHYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
ETHYL METHYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
ETHYL METHYL SULFIDE	BDL	wt. ppm s	2/12/12 17:02
ISOBUTYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
ISOPROPYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
METHYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
METHYL PROPYL DISULFIDE	BDL	wt. ppm s	2/12/12 17:02
METHYL SULFIDE	BDL	wt. ppm s	2/12/12 17:02
N-BUTYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
N-PROPYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
S-BUTYL MERCAPTAN	BDL	wt. ppm s	2/12/12 17:02
SULFUR DIOXIDE/HC	BDL	wt. ppm s	2/12/12 17:02



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## TNK FARM [058-0028]

H.N.G. FUEL GAS	CO90085	2/26/12	
C4 OLEFINS	.00 mole %	2/26/12 16:45	Combination C4 OLEFINS
C4+	.3885 mole %	2/26/12 16:45	Combination C4+
C5+	.16305 mole %	2/26/12 16:45	Combination C5+
MERCAPTAN SULFUR	.00 wt. ppm s	2/26/12 16:45	Combination MERCAPTAN SULFUR
OLEFINS	.00 mole %	2/26/12 16:45	Combination OLEFINS

## H.N.G. FUEL GAS CO97519 3/11/12

1 PENTANETHIOL	BDL wt. ppm s	3/11/12 17:35	
1,3 PROPANEDITHIOL	BDL wt. ppm s	3/11/12 17:35	
1,4 BUTANEDITHIOL	BDL wt. ppm s	3/11/12 17:35	
2 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
2-ETHYL THIOPHENE	BDL wt. ppm s	3/11/12 17:35	
2-METHYL THIOPHENE	.20 wt. ppm s	3/11/12 17:35	
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
3-METHYL THIOPHENE	BDL wt. ppm s	3/11/12 17:35	
ARGON+OXYGEN	.05186 mole %	3/11/12 17:35	
BENZOTHIOPHENE	BDL wt. ppm s	3/11/12 17:35	
CARBON DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIBENZOTHIOPHENE	BDL wt. ppm s	3/11/12 17:35	
DIBUTYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIBUTYL SULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIETHYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIETHYL SULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIISOPROPYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIISOPROPYL SULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIMETHYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIPHENYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIPROPYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
DIPROPYL SULFIDE	BDL wt. ppm s	3/11/12 17:35	
ETHYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
ETHYL METHYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
ETHYL METHYL SULFIDE	BDL wt. ppm s	3/11/12 17:35	
ISOBUTYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
ISOPROPYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
METHYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
METHYL PROPYL DISULFIDE	BDL wt. ppm s	3/11/12 17:35	
METHYL SULFIDE	BDL wt. ppm s	3/11/12 17:35	
N-BUTYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
N-PROPYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
S-BUTYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
SULFUR DIOXIDE/HC	BDL wt. ppm s	3/11/12 17:35	
T-BUTYL MERCAPTAN	BDL wt. ppm s	3/11/12 17:35	
THIOPHENE	BDL wt. ppm s	3/11/12 17:35	
THIOPHENOL	BDL wt. ppm s	3/11/12 17:35	
TOTAL SULFUR, WT PPM	.30 wt. ppm s	3/11/12 17:35	
UNIDENTIFIED VOLATILE SULFU	BDL wt. ppm s	3/11/12 17:35	
HYDROGEN	BDL mole %	3/11/12 17:35	
NITROGEN	.6186 mole %	3/11/12 17:35	
CARBON MONOXIDE	BDL mole %	3/11/12 17:35	
CARBON DIOXIDE	1.964 mole %	3/11/12 17:35	
METHANE	93.71 mole %	3/11/12 17:35	



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## TNK FARM [058-0028]

H.N.G. FUEL GAS	CO97519	3/11/12	
ETHANE	2.662 mole %	3/11/12 17:35	
ETHYLENE	BDL mole %	3/11/12 17:35	
PROPANE	.616 mole %	3/11/12 17:35	
PROPYLENE	BDL mole %	3/11/12 17:35	
ISOBUTANE	.1157 mole %	3/11/12 17:35	
N-BUTANE	.1506 mole %	3/11/12 17:35	
PROPADIENE	BDL mole %	3/11/12 17:35	
TRANS-2-BUTENE	BDL mole %	3/11/12 17:35	
1-BUTENE	BDL mole %	3/11/12 17:35	
ISOBUTYLENE	BDL mole %	3/11/12 17:35	
CIS-2-BUTENE	BDL mole %	3/11/12 17:35	
ISOPENTANE	.04729 mole %	3/11/12 17:35	
N-PENTANE	.02852 mole %	3/11/12 17:35	
1,3 BUTADIENE	BDL mole %	3/11/12 17:35	
HEXANES+	.03856 mole %	3/11/12 17:35	
CARBONYL SULFIDE	BDL wt. ppm s	3/11/12 17:35	
HYDROGEN SULFIDE	BDL wt. ppm s	3/11/12 17:35	
C2 AND LIGHTER	96.9906 mole %	3/11/12 17:35	Combination C2 AND LIGHTER
C3 AND LIGHTER	97.6066 mole %	3/11/12 17:35	Combination C3 AND LIGHTER
C3+	.616 mole %	3/11/12 17:35	Combination C3+
C4 OLEFINS	.00 mole %	3/11/12 17:35	Combination C4 OLEFINS
C4+	.2663 mole %	3/11/12 17:35	Combination C4+
C5+	.11437 mole %	3/11/12 17:35	Combination C5+
MERCAPTAN SULFUR	.00 wt. ppm s	3/11/12 17:35	Combination MERCAPTAN SULFUR
OLEFINS	.00 mole %	3/11/12 17:35	Combination OLEFINS

H.N.G. FUEL GAS	CP05470	3/25/12	
1 PENTANETHIOL	BDL wt. ppm s	3/25/12 17:30	
1,3 PROPANEDITHIOL	BDL wt. ppm s	3/25/12 17:30	
1,4 BUTANEDITHIOL	BDL wt. ppm s	3/25/12 17:30	
2 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	3/25/12 17:30	
2-ETHYL THIOPHENE	BDL wt. ppm s	3/25/12 17:30	
2-METHYL THIOPHENE	BDL wt. ppm s	3/25/12 17:30	
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	3/25/12 17:30	
3-METHYL THIOPHENE	BDL wt. ppm s	3/25/12 17:30	
ARGON+OXYGEN	.06964 mole %	3/25/12 17:30	
BENZOTHIOPHENE	BDL wt. ppm s	3/25/12 17:30	
CARBON DISULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIBENZOTHIOPHENE	BDL wt. ppm s	3/25/12 17:30	
DIBUTYL DISULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIBUTYL SULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIETHYL DISULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIETHYL SULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIISOPROPYL DISULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIISOPROPYL SULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIMETHYL DISULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIPHENYL DISULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIPROPYL DISULFIDE	BDL wt. ppm s	3/25/12 17:30	
DIPROPYL SULFIDE	BDL wt. ppm s	3/25/12 17:30	
ETHYL MERCAPTAN	BDL wt. ppm s	3/25/12 17:30	
ETHYL METHYL DISULFIDE	BDL wt. ppm s	3/25/12 17:30	



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## TNK FARM [058-0028]

H.N.G. FUEL GAS	CP13014	4/8/12	
T-BUTYL MERCAPTAN	BDL wt. ppm s	4/8/12 17:30	
THIOPHENE	BDL wt. ppm s	4/8/12 17:30	
THIOPHENOL	BDL wt. ppm s	4/8/12 17:30	
TOTAL SULFUR, WT PPM	2.20 wt. ppm s	4/8/12 17:30	
UNIDENTIFIED VOLATILE SULFUR	BDL wt. ppm s	4/8/12 17:30	
HYDROGEN	BDL mole %	4/8/12 17:30	
NITROGEN	.9254 mole %	4/8/12 17:30	
CARBON MONOXIDE	BDL mole %	4/8/12 17:30	
CARBON DIOXIDE	.8764 mole %	4/8/12 17:30	
METHANE	93.98 mole %	4/8/12 17:30	
ETHANE	2.882 mole %	4/8/12 17:30	
ETHYLENE	BDL mole %	4/8/12 17:30	
PROPANE	.8678 mole %	4/8/12 17:30	
PROPYLENE	BDL mole %	4/8/12 17:30	
ISOBUTANE	.1361 mole %	4/8/12 17:30	
N-BUTANE	.1712 mole %	4/8/12 17:30	
PROPADIENE	BDL mole %	4/8/12 17:30	
TRANS-2-BUTENE	BDL mole %	4/8/12 17:30	
1-BUTENE	BDL mole %	4/8/12 17:30	
ISOBUTYLENE	BDL mole %	4/8/12 17:30	
CIS-2-BUTENE	BDL mole %	4/8/12 17:30	
ISOPENTANE	.00509 mole %	4/8/12 17:30	
N-PENTANE	.00604 mole %	4/8/12 17:30	
1,3 BUTADIENE	BDL mole %	4/8/12 17:30	
HEXANES+	.02486 mole %	4/8/12 17:30	
CARBONYL SULFIDE	BDL wt. ppm s	4/8/12 17:30	
HYDROGEN SULFIDE	BDL wt. ppm s	4/8/12 17:30	
C2 AND LIGHTER	97.7874 mole %	4/8/12 17:30	Combination C2 AND LIGHTER
C3 AND LIGHTER	98.6552 mole %	4/8/12 17:30	Combination C3 AND LIGHTER
C3+	.8678 mole %	4/8/12 17:30	Combination C3+
C4 OLEFINS	.00 mole %	4/8/12 17:30	Combination C4 OLEFINS
C4+	.3073 mole %	4/8/12 17:30	Combination C4+
C5+	.03599 mole %	4/8/12 17:30	Combination C5+
MERCAPTAN SULFUR	.00 wt. ppm s	4/8/12 17:30	Combination MERCAPTAN SULFUR
OLEFINS	.00 mole %	4/8/12 17:30	Combination OLEFINS

H.N.G. FUEL GAS	CP16769	4/15/12	
1 PENTANETHIOL	BDL wt. ppm s	4/15/12 17:04	
1,3 PROPANEDITHIOL	BDL wt. ppm s	4/15/12 17:04	
1,4 BUTANEDITHIOL	BDL wt. ppm s	4/15/12 17:04	
2 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	4/15/12 17:04	
2-ETHYL THIOPHENE	BDL wt. ppm s	4/15/12 17:04	
2-METHYL THIOPHENE	BDL wt. ppm s	4/15/12 17:04	
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	4/15/12 17:04	
3-METHYL THIOPHENE	BDL wt. ppm s	4/15/12 17:04	
ARGON+OXYGEN	.02102 mole %	4/15/12 17:04	
BENZOTHIOPHENE	BDL wt. ppm s	4/15/12 17:04	
CARBON DISULFIDE	BDL wt. ppm s	4/15/12 17:04	
DIBENZOTHIOPHENE	BDL wt. ppm s	4/15/12 17:04	
DIBUTYL DISULFIDE	BDL wt. ppm s	4/15/12 17:04	
DIBUTYL SULFIDE	BDL wt. ppm s	4/15/12 17:04	





# EPO L.P. - Mont Belvieu LAB Report - Multi-Component

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Plant/Unit Area/ Sample Point      Results/Units      2/12/2014      Meter      Comments

## TNK FARM [058-0028]

H.N.G. FUEL GAS	CP40281	5/27/12	
DIETHYL DISULFIDE	BDL wt. ppm s	5/27/12 17:30	
DIETHYL SULFIDE	BDL wt. ppm s	5/27/12 17:30	
DIISOPROPYL DISULFIDE	BDL wt. ppm s	5/27/12 17:30	
DIISOPROPYL SULFIDE	BDL wt. ppm s	5/27/12 17:30	
DIMETHYL DISULFIDE	BDL wt. ppm s	5/27/12 17:30	
DIPHENYL DISULFIDE	BDL wt. ppm s	5/27/12 17:30	
DIPROPYL DISULFIDE	BDL wt. ppm s	5/27/12 17:30	
DIPROPYL SULFIDE	BDL wt. ppm s	5/27/12 17:30	
ETHYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
ETHYL METHYL DISULFIDE	BDL wt. ppm s	5/27/12 17:30	
ETHYL METHYL SULFIDE	BDL wt. ppm s	5/27/12 17:30	
ISOBUTYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
ISOPROPYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
METHYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
METHYL PROPYL DISULFIDE	BDL wt. ppm s	5/27/12 17:30	
METHYL SULFIDE	.10 wt. ppm s	5/27/12 17:30	
N-BUTYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
N-PROPYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
S-BUTYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
SULFUR DIOXIDE/HC	BDL wt. ppm s	5/27/12 17:30	
T-BUTYL MERCAPTAN	BDL wt. ppm s	5/27/12 17:30	
THIOPHENE	BDL wt. ppm s	5/27/12 17:30	
THIOPHENOL	BDL wt. ppm s	5/27/12 17:30	
TOTAL SULFUR, WT PPM	13.70 wt. ppm s	5/27/12 17:30	
UNIDENTIFIED VOLATILE SULFU	13.40 wt. ppm s	5/27/12 17:30	
HYDROGEN	BDL mole %	5/27/12 17:30	
NITROGEN	1.301 mole %	5/27/12 17:30	
CARBON MONOXIDE	1.217 mole %	5/27/12 17:30	
CARBON DIOXIDE	.8764 mole %	5/27/12 17:30	
METHANE	90.95 mole %	5/27/12 17:30	
ETHANE	4.071 mole %	5/27/12 17:30	
ETHYLENE	BDL mole %	5/27/12 17:30	
PROPANE	1.059 mole %	5/27/12 17:30	
PROPYLENE	BDL mole %	5/27/12 17:30	
ISOBUTANE	.1428 mole %	5/27/12 17:30	
N-BUTANE	.2044 mole %	5/27/12 17:30	
PROPADIENE	BDL mole %	5/27/12 17:30	
TRANS-2-BUTENE	BDL mole %	5/27/12 17:30	
1-BUTENE	BDL mole %	5/27/12 17:30	
ISOBUTYLENE	BDL mole %	5/27/12 17:30	
CIS-2-BUTENE	BDL mole %	5/27/12 17:30	
ISOPENTANE	.04175 mole %	5/27/12 17:30	
N-PENTANE	.02698 mole %	5/27/12 17:30	
1,3 BUTADIENE	BDL mole %	5/27/12 17:30	
HEXANES+	.03997 mole %	5/27/12 17:30	
CARBONYL SULFIDE	BDL wt. ppm s	5/27/12 17:30	
HYDROGEN SULFIDE	BDL wt. ppm s	5/27/12 17:30	
C2 AND LIGHTER	96.322 mole %	5/27/12 17:30	Combination C2 AND LIGHTER
C3 AND LIGHTER	97.381 mole %	5/27/12 17:30	Combination C3 AND LIGHTER
C3+	1.059 mole %	5/27/12 17:30	Combination C3+



# EPO L.P. - Mont Belvieu LAB Report - Multi-Component

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Plant/Unit Area/ Sample Point	Results/Units	2/12/2014	Meter	Comments
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## TNK FARM [058-0028]

H.N.G. FUEL GAS	CO68056	1/15/12	
UNIDENTIFIED VOLATILE SULFUF	BDL wt. ppm s	1/15/12 17:30	
HYDROGEN	BDL mole %	1/15/12 17:30	
NITROGEN	BDL mole %	1/15/12 17:30	
CARBON MONOXIDE	BDL mole %	1/15/12 17:30	
CARBON DIOXIDE	1.852 mole %	1/15/12 17:30	
METHANE	93.79 mole %	1/15/12 17:30	
ETHANE	2.976 mole %	1/15/12 17:30	
ETHYLENE	BDL mole %	1/15/12 17:30	
PROPANE	.7842 mole %	1/15/12 17:30	
PROPYLENE	BDL mole %	1/15/12 17:30	
ISOBUTANE	.1622 mole %	1/15/12 17:30	
N-BUTANE	.2107 mole %	1/15/12 17:30	
PROPADIENE	BDL mole %	1/15/12 17:30	
TRANS-2-BUTENE	BDL mole %	1/15/12 17:30	
1-BUTENE	BDL mole %	1/15/12 17:30	
ISOBUTYLENE	BDL mole %	1/15/12 17:30	
CIS-2-BUTENE	BDL mole %	1/15/12 17:30	
ISOPENTANE	BDL mole %	1/15/12 17:30	
N-PENTANE	.06547 mole %	1/15/12 17:30	
1,3 BUTADIENE	BDL mole %	1/15/12 17:30	
HEXANES+	.1561 mole %	1/15/12 17:30	
CARBONYL SULFIDE	BDL wt. ppm s	1/15/12 17:30	
HYDROGEN SULFIDE	BDL wt. ppm s	1/15/12 17:30	
C2 AND LIGHTER	96.766 mole %	1/15/12 17:30	Combination C2 AND LIGHTER
C3 AND LIGHTER	97.5502 mole %	1/15/12 17:30	Combination C3 AND LIGHTER
C3+	.7842 mole %	1/15/12 17:30	Combination C3+
C4 OLEFINS	.00 mole %	1/15/12 17:30	Combination C4 OLEFINS
C4+	.3729 mole %	1/15/12 17:30	Combination C4+
C5+	.22157 mole %	1/15/12 17:30	Combination C5+
MERCAPTAN SULFUR	.00 wt. ppm s	1/15/12 17:30	Combination MERCAPTAN SULFUR
OLEFINS	.00 mole %	1/15/12 17:30	Combination OLEFINS

H.N.G. FUEL GAS	CO71817	1/22/12	
1 PENTANETHIOL	BDL wt. ppm s	1/22/12 17:30	
1,3 PROPANEDITHIOL	BDL wt. ppm s	1/22/12 17:30	
1,4 BUTANEDITHIOL	BDL wt. ppm s	1/22/12 17:30	
2 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	1/22/12 17:30	
2-ETHYL THIOPHENE	BDL wt. ppm s	1/22/12 17:30	
2-METHYL THIOPHENE	BDL wt. ppm s	1/22/12 17:30	
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	1/22/12 17:30	
3-METHYL THIOPHENE	BDL wt. ppm s	1/22/12 17:30	
ARGON+OXYGEN	.02515 mole %	1/22/12 17:30	
BENZOTHIOPHENE	BDL wt. ppm s	1/22/12 17:30	
CARBON DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIBENZOTHIOPHENE	BDL wt. ppm s	1/22/12 17:30	
DIBUTYL DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIBUTYL SULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIETHYL DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIETHYL SULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIISOPROPYL DISULFIDE	BDL wt. ppm s	1/22/12 17:30	
DIISOPROPYL SULFIDE	BDL wt. ppm s	1/22/12 17:30	



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## TNK FARM [058-0027]

ENTERPRISE FUEL GAS	CQ07466	9/23/12	
CARBON DIOXIDE	1.815	mole %	9/23/12 17:02
METHANE	91.70	mole %	9/23/12 17:02
ETHANE	2.466	mole %	9/23/12 17:02
ETHYLENE	BDL	mole %	9/23/12 17:02
PROPANE	.7995	mole %	9/23/12 17:02
PROPYLENE	BDL	mole %	9/23/12 17:02
ISOBUTANE	.1492	mole %	9/23/12 17:02
N-BUTANE	.1498	mole %	9/23/12 17:02
PROPADIENE	BDL	mole %	9/23/12 17:02
TRANS-2-BUTENE	BDL	mole %	9/23/12 17:02
1-BUTENE	BDL	mole %	9/23/12 17:02
ISOBUTYLENE	BDL	mole %	9/23/12 17:02
CIS-2-BUTENE	BDL	mole %	9/23/12 17:02
ISOPENTANE	.0505	mole %	9/23/12 17:02
N-PENTANE	.02283	mole %	9/23/12 17:02
1,3 BUTADIENE	BDL	mole %	9/23/12 17:02
HEXANES+	BDL	mole %	9/23/12 17:02
CARBONYL SULFIDE	BDL	wt. ppm s	9/23/12 17:02
HYDROGEN SULFIDE	BDL	wt. ppm s	9/23/12 17:02
C2 AND LIGHTER	96.862	mole %	9/23/12 17:02    Combination C2 AND LIGHTER
C3 AND LIGHTER	97.6615	mole %	9/23/12 17:02    Combination C3 AND LIGHTER
C3+	.7995	mole %	9/23/12 17:02    Combination C3+
C4 OLEFINS	.00	mole %	9/23/12 17:02    Combination C4 OLEFINS
C4+	.299	mole %	9/23/12 17:02    Combination C4+
C5+	.07333	mole %	9/23/12 17:02    Combination C5+
CO+CO2 IN H2	1.815	mole %	9/23/12 17:02    Combination CO+CO2 IN H2
MERCAPTAN SULFUR	.00	wt. ppm s	9/23/12 17:02    Combination MERCAPTAN SULFUR
OLEFINS	.00	mole %	9/23/12 17:02    Combination OLEFINS

ENTERPRISE FUEL GAS	CQ11319	9/30/12	
1 PENTANETHIOL	.20	wt. ppm s	9/30/12 16:48
1,3 PROPANEDITHIOL	BDL	wt. ppm s	9/30/12 16:48
1,4 BUTANEDITHIOL	BDL	wt. ppm s	9/30/12 16:48
2 METHYL 1 BUTYL MERCAPTAN	BDL	wt. ppm s	9/30/12 16:48
2-ETHYL THIOPHENE	BDL	wt. ppm s	9/30/12 16:48
2-METHYL THIOPHENE	BDL	wt. ppm s	9/30/12 16:48
3 METHYL 1 BUTYL MERCAPTAN	BDL	wt. ppm s	9/30/12 16:48
3-METHYL THIOPHENE	BDL	wt. ppm s	9/30/12 16:48
ARGON+OXYGEN	.06733	mole %	9/30/12 16:48
BENZOTHIOPHENE	BDL	wt. ppm s	9/30/12 16:48
CARBON DISULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIBENZOTHIOPHENE	BDL	wt. ppm s	9/30/12 16:48
DIBUTYL DISULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIBUTYL SULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIETHYL DISULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIETHYL SULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIISOPROPYL DISULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIISOPROPYL SULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIMETHYL DISULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIPHENYL DISULFIDE	BDL	wt. ppm s	9/30/12 16:48
DIPROPYL DISULFIDE	BDL	wt. ppm s	9/30/12 16:48



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## TNK FARM [058-0027]

ENTERPRISE FUEL GAS	CP92326	8/26/12	
ISOPENTANE	.03258 mole %	8/26/12 17:30	
N-PENTANE	.03572 mole %	8/26/12 17:30	
1,3 BUTADIENE	BDL mole %	8/26/12 17:30	
HEXANES+	.00294 mole %	8/26/12 17:30	
CARBONYL SULFIDE	BDL wt. ppm s	8/26/12 17:30	
HYDROGEN SULFIDE	BDL wt. ppm s	8/26/12 17:30	
C2 AND LIGHTER	97.2648 mole %	8/26/12 17:30	Combination C2 AND LIGHTER
C3 AND LIGHTER	97.9711 mole %	8/26/12 17:30	Combination C3 AND LIGHTER
C3+	.7063 mole %	8/26/12 17:30	Combination C3+
C4 OLEFINS	.00 mole %	8/26/12 17:30	Combination C4 OLEFINS
C4+	.3054 mole %	8/26/12 17:30	Combination C4+
C5+	.07124 mole %	8/26/12 17:30	Combination C5+
CO+CO2 IN H2	1.601 mole %	8/26/12 17:30	Combination CO+CO2 IN H2
MERCAPTAN SULFUR	.00 wt. ppm s	8/26/12 17:30	Combination MERCAPTAN SULFUR
OLEFINS	.00 mole %	8/26/12 17:30	Combination OLEFINS

ENTERPRISE FUEL GAS	CP96181	9/2/12	
1 PENTANETHIOL	BDL wt. ppm s	9/2/12 17:30	
1,3 PROPANEDITHIOL	BDL wt. ppm s	9/2/12 17:30	
1,4 BUTANEDITHIOL	BDL wt. ppm s	9/2/12 17:30	
2 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
2-ETHYL THIOPHENE	BDL wt. ppm s	9/2/12 17:30	
2-METHYL THIOPHENE	BDL wt. ppm s	9/2/12 17:30	
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
3-METHYL THIOPHENE	BDL wt. ppm s	9/2/12 17:30	
ARGON+OXYGEN	.03794 mole %	9/2/12 17:30	
BENZOTHIOPHENE	BDL wt. ppm s	9/2/12 17:30	
CARBON DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIBENZOTHIOPHENE	BDL wt. ppm s	9/2/12 17:30	
DIBUTYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIBUTYL SULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIETHYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIETHYL SULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIISOPROPYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIISOPROPYL SULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIMETHYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIPHENYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIPROPYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
DIPROPYL SULFIDE	BDL wt. ppm s	9/2/12 17:30	
ETHYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
ETHYL METHYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
ETHYL METHYL SULFIDE	BDL wt. ppm s	9/2/12 17:30	
ISOBUTYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
ISOPROPYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
METHYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
METHYL PROPYL DISULFIDE	BDL wt. ppm s	9/2/12 17:30	
METHYL SULFIDE	BDL wt. ppm s	9/2/12 17:30	
N-BUTYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
N-PROPYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
S-BUTYL MERCAPTAN	BDL wt. ppm s	9/2/12 17:30	
SULFUR DIOXIDE/HC	BDL wt. ppm s	9/2/12 17:30	



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## TNK FARM [058-0027]

ENTERPRISE FUEL GAS	CP60317	7/1/12	
DIMETHYL DISULFIDE	BDL wt. ppm s	7/1/12 17:30	
DIPHENYL DISULFIDE	BDL wt. ppm s	7/1/12 17:30	
DIPROPYL DISULFIDE	BDL wt. ppm s	7/1/12 17:30	
DIPROPYL SULFIDE	BDL wt. ppm s	7/1/12 17:30	
ETHYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
ETHYL METHYL DISULFIDE	BDL wt. ppm s	7/1/12 17:30	
ETHYL METHYL SULFIDE	BDL wt. ppm s	7/1/12 17:30	
ISOBUTYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
ISOPROPYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
METHYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
METHYL PROPYL DISULFIDE	BDL wt. ppm s	7/1/12 17:30	
METHYL SULFIDE	BDL wt. ppm s	7/1/12 17:30	
N-BUTYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
N-PROPYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
S-BUTYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
SULFUR DIOXIDE/HC	BDL wt. ppm s	7/1/12 17:30	
T-BUTYL MERCAPTAN	BDL wt. ppm s	7/1/12 17:30	
THIOPHENE	BDL wt. ppm s	7/1/12 17:30	
THIOPHENOL	BDL wt. ppm s	7/1/12 17:30	
TOTAL SULFUR, WT PPM	.90 wt. ppm s	7/1/12 17:30	
UNIDENTIFIED VOLATILE SULFUR	BDL wt. ppm s	7/1/12 17:30	
HYDROGEN	BDL mole %	7/1/12 17:30	
NITROGEN	.06385 mole %	7/1/12 17:30	
CARBON MONOXIDE	.9167 mole %	7/1/12 17:30	
CARBON DIOXIDE	2.029 mole %	7/1/12 17:30	
METHANE	93.05 mole %	7/1/12 17:30	
ETHANE	2.698 mole %	7/1/12 17:30	
ETHYLENE	BDL mole %	7/1/12 17:30	
PROPANE	.7057 mole %	7/1/12 17:30	
PROPYLENE	BDL mole %	7/1/12 17:30	
ISOBUTANE	.1463 mole %	7/1/12 17:30	
N-BUTANE	.1873 mole %	7/1/12 17:30	
PROPADIENE	BDL mole %	7/1/12 17:30	
TRANS-2-BUTENE	BDL mole %	7/1/12 17:30	
1-BUTENE	BDL mole %	7/1/12 17:30	
ISOBUTYLENE	BDL mole %	7/1/12 17:30	
CIS-2-BUTENE	BDL mole %	7/1/12 17:30	
ISOPENTANE	.06636 mole %	7/1/12 17:30	
N-PENTANE	.03418 mole %	7/1/12 17:30	
1,3 BUTADIENE	BDL mole %	7/1/12 17:30	
HEXANES+	.02887 mole %	7/1/12 17:30	
CARBONYL SULFIDE	BDL wt. ppm s	7/1/12 17:30	
HYDROGEN SULFIDE	.10 wt. ppm s	7/1/12 17:30	
C2 AND LIGHTER	95.8119 mole %	7/1/12 17:30	Combination C2 AND LIGHTER
C3 AND LIGHTER	96.5176 mole %	7/1/12 17:30	Combination C3 AND LIGHTER
C3+	.7057 mole %	7/1/12 17:30	Combination C3+
C4 OLEFINS	.00 mole %	7/1/12 17:30	Combination C4 OLEFINS
C4+	.3336 mole %	7/1/12 17:30	Combination C4+
C5+	.12941 mole %	7/1/12 17:30	Combination C5+
MERCAPTAN SULFUR	.60 wt. ppm s	7/1/12 17:30	Combination MERCAPTAN SULFUR



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## TNK FARM [058-0027]

ENTERPRISE FUEL GAS      CP92326      8/26/12

2-METHYL THIOPHENE	BDL wt. ppm s	8/26/12 17:30
3 METHYL 1 BUTYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
3-METHYL THIOPHENE	BDL wt. ppm s	8/26/12 17:30
ARGON+OXYGEN	.04736 mole %	8/26/12 17:30
BENZOTHIOPHENE	BDL wt. ppm s	8/26/12 17:30
CARBON DISULFIDE	BDL wt. ppm s	8/26/12 17:30
DIBENZOTHIOPHENE	BDL wt. ppm s	8/26/12 17:30
DIBUTYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
DIBUTYL SULFIDE	BDL wt. ppm s	8/26/12 17:30
DIETHYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
DIETHYL SULFIDE	BDL wt. ppm s	8/26/12 17:30
DIISOPROPYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
DIISOPROPYL SULFIDE	BDL wt. ppm s	8/26/12 17:30
DIMETHYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
DIPHENYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
DIPROPYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
DIPROPYL SULFIDE	BDL wt. ppm s	8/26/12 17:30
ETHYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
ETHYL METHYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
ETHYL METHYL SULFIDE	BDL wt. ppm s	8/26/12 17:30
ISOBUTYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
ISOPROPYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
METHYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
METHYL PROPYL DISULFIDE	BDL wt. ppm s	8/26/12 17:30
METHYL SULFIDE	BDL wt. ppm s	8/26/12 17:30
N-BUTYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
N-PROPYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
S-BUTYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
SULFUR DIOXIDE/HC	BDL wt. ppm s	8/26/12 17:30
T-BUTYL MERCAPTAN	BDL wt. ppm s	8/26/12 17:30
THIOPHENE	BDL wt. ppm s	8/26/12 17:30
THIOPHENOL	BDL wt. ppm s	8/26/12 17:30
TOTAL SULFUR, WT PPM	BDL wt. ppm s	8/26/12 17:30
UNIDENTIFIED VOLATILE SULFUF	BDL wt. ppm s	8/26/12 17:30
HYDROGEN	BDL mole %	8/26/12 17:30
NITROGEN	.3438 mole %	8/26/12 17:30
CARBON MONOXIDE	BDL mole %	8/26/12 17:30
CARBON DIOXIDE	1.601 mole %	8/26/12 17:30
METHANE	94.72 mole %	8/26/12 17:30
ETHANE	2.201 mole %	8/26/12 17:30
ETHYLENE	BDL mole %	8/26/12 17:30
PROPANE	.7063 mole %	8/26/12 17:30
PROPYLENE	BDL mole %	8/26/12 17:30
ISOBUTANE	.1417 mole %	8/26/12 17:30
N-BUTANE	.1637 mole %	8/26/12 17:30
PROPADIENE	BDL mole %	8/26/12 17:30
TRANS-2-BUTENE	BDL mole %	8/26/12 17:30
1-BUTENE	BDL mole %	8/26/12 17:30
ISOBUTYLENE	BDL mole %	8/26/12 17:30
CIS-2-BUTENE	BDL mole %	8/26/12 17:30