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[Data Profile Information]

§ Sulfur Gas Speciation §

ASTM D 6228

Customer: EXAMPLE
 Address: EXAMPLE
 EXAMPLE
 Attention: EXAMPLE

Log#: EXAMPLE
 Date start: EXAMPLE
 Date end: EXAMPLE
 Date report: EXAMPLE

Sample Description: EXAMPLE

<u>Constituent</u>		<u>Area</u>	<u>STD Conc.</u>	<u>STD Area</u>	<u>D.F.</u>	<u>Results</u>			
	<u>Cal. Std.</u>			3/15/13		<u>Species</u>	<u>R.F</u>		
		Area	STD Conc.	STD Area	D.F.	Units			
1	Hydrogen Sulfide	AG-1	6811	43.85	17372	1	27.46	ppmv	0.333
2	Carbonyl Sulfide	AG-2	0	38.95	16441	1	0.00	ppmv	0.304
3	Sulfur Dioxide	Scott II	0	42.28	17590	1	0.00	ppmv	0.319
4	Methyl Mercaptan	AG-1	411	45.62	17808	1	6.93	ppmv	0.342
5	Ethyl Mercaptan	AG-1	10	43.17	15002	1	1.11	ppmv	0.352
6	Dimethyl Sulfide	AG-2	4958	39.65	15376	1	22.52	ppmv	0.320
7	** Carbon Disulfide	AG-2	0	19.84	16588	1	0.00	ppmv *	0.154
8	Iso-Propyl Mercaptan	AG-1	93	41.60	16162	1	3.16	ppmv	0.327
9	t-Butyl Mercaptan	AG-1	0	40.36	11111	1	0.00	ppmv	0.383
10	N-Propyl Mercaptan	AG-1	0	47.98	13920	1	0.00	ppmv	0.407
11	Methylethylsulfide	AG-2	15	39.39	17100	1	1.17	ppmv	0.301
12	Thiophene	AG-2	162	46.89	19616	1	4.26	ppmv	0.335
13	sec-Butyl Mercaptan	AG-1	0	41.55	12094	1	0.00	ppmv	0.378
14	Iso-butyl Mercaptan	AG-1	0	38.97	13381	1	0.00	ppmv	0.337
15	Diethyl Sulfide	AG-2	0	39.44	26968	1	0.00	ppmv	0.240
16	N-butyl & t-amyl Mercaptan	AG-1	0	41.69	14075	1	0.00	ppmv	0.351
17	** Methyl Ethyl Disulfide	Calc	252	19.61	11975	1	2.84	ppmv *	0.179
18	** Dimethyl Disulfide	AG-2	645	19.61	11975	1	4.55	ppmv *	0.179
19	1-Pentathiol	AG-1	10	42.55	11975	1	1.23	ppmv	0.389
20	** Diethyl Disulfide	AG-2	50	19.78	11975	1	1.28	ppmv *	0.181
21	* Unknowns (Av. Rf)	Av. Rf.	6	35.49	13466	1	0.75	ppmv	0.306
			704	40.72	15607			Av. RF	0.306
								Std. Dev.	0.075

Note: MEDS value calculated from Rf - CS2 and DEDS values

Total **77.25** ppmv

Total Grains of Sulfur
 as H2S

3.301 per 100 cu.ft.
 at 60/60 F

Total Sulfur **52.0** as S

** Correct to formula ppmv-S by dividing reported ppmv by two.

27.46 H2S only, ppmv

* Correct to ppmv-S by Multiplying Rf rby two.

Sp Gr Liq = 0.5196

Tech: _____ Date: _____