

Initial Calibration Summary GASES

Contract: EAEN05 Case No.: P4873
Lab Code: CHEM SAS No.: P4873 SDG NO.: P4873
Date(s) Analyzed: 11/19/2024 11/19/2024

FileName	Std Conc	Ethane Response1	Ethane Conc1	Ethylene Response2	Ethylene Conc2	Methane Response3	Methane Conc3
FA004268.D	50	21796	44.85	20088	43.23	13215	53.88
FA004267.D	100	50669	104.26	47001	101.15	25696	104.77
FA004266.D	200	92683	200	86260	200	45630	200
FA004265.D	300	148524	308.49	141518	306.89	75246	310.33
FA004264.D	500	249744	538.92	245495	569.2	128396	562.76

Date Analyzed	11/19/2024									
	50 PPM	100 PPM	200 PPM	300 PPM	500 PPM					CORR
Analyte	Cal Fac 1	Cal Fac 2	Cal Fac 3	Cal Fac 4	Cal Fac 5	Avg CF	Std Dev	%RSD	Flag	COEFF
Ethane	435.92	506.69	463.42	495.08	499.49	480.12	29.7	6		0.9994
Ethylene	401.76	470.01	431.30	471.73	490.99	453.16	36	8		0.9988
Methane	264.30	256.96	228.15	250.82	256.79	251.40	13.8	5		0.9985

Denotes outside control criteria: 30% RSD for initial calibration 20% drift for continuing calibration
(When calibration factor fails correlation coefficient is used as per RSK-175)