

**Solar Estates - CAMS 633 - AutoGC Values (ppb-V) with Statistical Data  
Quarter Ending 3-31-09**

<b>Chemical</b>	<b>num</b>	<b>mean*</b>	<b>Annual ESL or ReV</b>	<b>p90</b>	<b>p99</b>	<b>max*</b>	<b>1-Hour ESL or ReV</b>
Ethane	1912	8.07	1,000	16.26	41.19	168.56	10,000
Ethylene	1912	0.41	30	1.09	3.2	8.77	1,200
Propane	1912	4.79	1,000	10.14	30.39	182.65	10,000
Propylene	1912	0.21	500	0.47	1.5	42.48	5,000
n-Butane	1912	2.63	800	6.03	19.1	103.34	8,000
Isobutane	1912	1.64	204	3.68	11.49	76.16	2,040
1,3-Butadiene	1911	0.02	4.5	0.04	0.22	0.8	230
1-Butene	1912	0.04	---	0.1	0.51	2.42	360
c-2-Butene	1912	0.03	---	0.09	0.42	1.23	2,100
t-2-Butene	1912	0.05	---	0.11	0.54	1.72	2,100
n-Pentane	1912	0.83	120	1.94	5.48	33.68	1,200
Isopentane	1912	1.32	120	3.16	9.08	44.57	1,200
1-Pentene	1911	0.02	---	0.05	0.18	0.38	100
c-2-Pentene	1910	0.01	---	0.04	0.15	0.42	2,600
t-2-Pentene	1911	0.03	---	0.08	0.32	0.85	2,600
Benzene	1912	0.25	1.4	0.54	1.21	4.02	180
Cyclohexane	1912	0.17	42	0.44	1.32	5.12	420
n-Hexane	1912	0.29	57	0.66	1.86	10.85	1,500
Toluene	1912	0.32	330	0.71	2.35	7.72	170
p-Xylene + m-Xylene	1912	0.23	42	0.44	3.59	7.6	41
o-Xylene	1912	0.05	42	0.12	0.48	1.5	380
Ethyl Benzene	1912	0.03	46	0.08	0.24	0.73	460
Isopropyl Benzene - Cumene	1912	0.01	10	0.02	0.26	0.96	100
1,2,3-Trimethylbenzene	1801	0.01	25	0.03	0.11	0.28	250
1,2,4-Trimethylbenzene	1801	0.03	25	0.08	0.26	0.57	250
1,3,5-Trimethylbenzene	1801	0.01	25	0.04	0.17	0.45	250
n-Decane	1801	0.02	175	0.07	0.28	0.86	1,750

Notes:

\* Bordered cells denote values greater than ESL or ReV.

1. Because data quality assurance is an on-going process, reported concentrations and statistics are subject to change.
2. Effects screening levels (ESL) and reference values (ReV) are not pollutant standards, and are used to determine when concentrations are high enough to merit further investigation.
3. Individual concentration measurements are taken over a 40-minute period, which is judged to be representative of the hour within which the sample was taken. Thus, it is appropriate to compare this measurement with a one-hour ESL or Rev. A three month quarterly average concentration may or may not be representative of a full year, as some seasonal effects may exist; nevertheless, for screening purposes, it is a long-enough period to compare with and annual ESL or ReV.