	B	C
1	**Source Description**	
2		
3	Phase I ID No.	468
4	EPA ID No.	PAD980550412
5	Facility Name	LONZA CHEMICALS-RIVERISIDE (SMITHKLINE)
6	Facility Location	
7	City	CONSHOHOCKEN
8	State	PA
9	Unit ID Name/No.	LIQUID INCINERATOR
10	Other Sister Facilities	
11	Number of Sister Facilities	0
12	Combustor Class	Onsite incinerator
13	Combustor Type	Liquid injection
14	Combustor Characteristics	John Zink
15	Capacity (MMBtu/hr)	
16	Soot Blowing	
17	APCS Detailed Acronym	Q/VS
18	APCS General Class	WQ, HEWS
19	APCS Characteristics	Quench, venturi scrubber
20	Hazardous Wastes	Liq
21	Haz Waste Description	
22	Supplemental Fuel	
23		
24	Stack Characteristics	
25	Diameter (ft)	2.7
26	Height (ft)	74.0
27	Gas Velocity (ft/sec)	4.8
28	Gas Temperature (°F)	184.7
29		
30	Permitting Status	
31	HWC Burn Status (Date if Terminated)	

	B	C
1	**Condition Description**	
2		
3	**468C1**	
4		
5	Report Name/Date	Final Report on RCRA Trial Burn Test Results to SmithKline Chemicals from Batelle Columbus Labratories, November 12, 1984
6	Report Prepare	Batelle
7	Testing Firm	
8	Cond Descr	Trial burn
9	Testing Dates	August 28-31, 1984
10	Cond Dates	Aug-84

	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	**Stack Gas Emissions**													
2														
3														
4	**468C1**					R1		R2		R3		R4		Cond Avg
5														
6	PM	E1	gr/dscf	y				0.0574		0.0273		0.0300		0.0382
7	CO (RA)	E1	ppmv	y		493.4		246.6		711.4		873.9		610.6
8	HCl	E1	ppmv	y				25.4		9.2		31.9		22.2
9	Total Chlorine	E1	ppmv	y				25.4		9.2		31.9		22.2
10														
11	Sampling Train	Particulate	E1											
12	Stack Gas Flowrate		dscfm					2974.0		2777.0		2775.0		
13	O2		%					3.0		3.5		2.9		
14	Moisture		%					0.0		0.0		0.0		
15	Temperature		°F					185.5		184.5		184.1		
16														
17	Sampling Train	SVOC	E2											
18	Stack Gas Flowrate		dscfm			2700.0								
19	O2		%			3.1								
20	Moisture		%											
21	Temperature		°F											
22														
23	Chloroform	DRE	%					99.99999		99.99999		99.99999		
24	Tetrachloroethene	DRE	%					99.99997		99.99999		99.99999		
25	Toluene	DRE	%					99.997		99.99953		99.9982		

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1	**Feedstream 2**																																		
2																																			
3																																			
4	**468C1**				R1		R2		R3		R4		R1		R2		R3		R4		R1		R2		R3		R4		R2		R3		R4		Cond Avg
5																																			
6	Feedstream Number				F1		F1		F1		F1		F2		F2		F2		F2										F3		F3		F3		F3
7	Feedstream Class				Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW		Liq HW										Total		Total		Total		Total
8	Feed Class 2																				HW		HW		HW		HW		Total		Total		Total		Total
9	Feedstream description				Solvent		Solvent		Solvent		Solvent		Aqueous		Aqueous		Aqueous		Aqueous										Total		Total		Total		Total
10	Feed Rate		lb/hr		632.8		981.3		1277.5		1018.5		3663		2247		3689		3709																
11	Heating value		Btu/lb		11867		11100		11145		11208		280		310		310		310																
12	Thermal Feedrate		MMBtu/hr		7.5		10.9		14.2		11.4		1.0		0.7		1.1		1.1										11.6		15.4		12.6		13.2
13	Ash		wt %																																
14	Chlorine		ppmw		83800		68200		53800		75100		12300		13200		13400		12300																
15																																			
16	Gas flowrate		dscfm				2974		2777		2775				2974		2777		2775										2974		2777		2775		2842
17	Oxygen		%				3		3.5		2.9				3		3.5		2.9										3		3.5		2.9		3.125
18																																			
19	Estimated Firing Rate		MMBtu/hr																										16.99		15.41		15.99		16.13
20																																			
21	Feedrate MTECs																																		
22	Chlorine		ug/dscm				4679710		5301470		5684700				2074005		3812998		3390537				6753714		9114468		9075237		6753714		9114468		9075237		8314473

	C	D	E	F	G	H
1	**Process Information 2**					
2						
3	**468C1**		R1	R2	R3	R4
4						
5	Combustion Temperature	F	1691	1638	1684	1709
6	VS Pressure Drop	in H2O	78	81	83	82