

STANDARDS DATA



RECRA
ENVIRONMENTAL
INC.

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Instrument ID: I50Z Calibration Date(s): 08/28/93 08/28/93
 Calibration Times: 2028 2339

LAB FILE ID:	RRF20 = <u>15305Z</u>	RRF50 = <u>15304Z</u>					
RRF80 = <u>15306Z</u>	RRF120 = <u>15307Z</u>	RRF160 = <u>15308Z</u>					
COMPOUND	RRF20	RRF50	RRF80	RRF120	RRF160	RRF	% RSD
Phenol	* 2.545	2.546	2.146	2.409	1.715	2.272	15.5*
bis(2-Chloroethyl) Ether	* 2.041	1.933	1.918	1.928	1.647	1.893	7.7*
2-Chlorophenol	* 1.790	1.702	1.681	1.698	1.496	1.673	6.4*
1,3-Dichlorobenzene	* 1.678	1.560	1.500	1.497	1.310	1.509	8.8*
1,4-Dichlorobenzene	* 1.727	1.595	1.551	1.555	1.404	1.566	7.4*
1,2-Dichlorobenzene	* 1.590	1.491	1.429	1.467	1.249	1.445	8.6*
2-Methylphenol	* 1.559	1.435	1.441	1.458	1.294	1.437	6.6*
2,2'-oxybis(1-Chloropropane	2.910	2.616	2.577	2.644	2.356	2.621	7.5
4-Methylphenol	* 1.479	1.458	1.438	1.549	1.362	1.457	4.6*
N-Nitroso-Di-n-Propylamine	* 1.318	1.186	1.124	1.201	1.036	1.173	8.9*
Hexachloroethane	* 0.632	0.614	0.600	0.630	0.566	0.608	4.4*
Nitrobenzene	* 0.470	0.455	0.464	0.483	0.405	0.455	6.6*
Isophorone	* 0.907	0.820	0.828	0.862	0.749	0.833	7.0*
2-Nitrophenol	* 0.216	0.220	0.234	0.230	0.230	0.226	3.4*
2,4-Dimethylphenol	* 0.371	0.335	0.349	0.367	0.335	0.351	4.9*
bis(2-Chloroethoxy)Methane	* 0.550	0.512	0.518	0.559	0.515	0.531	4.1*
2,4-Dichlorophenol	* 0.320	0.317	0.300	0.307	0.285	0.306	4.6*
1,2,4-Trichlorobenzene	* 0.325	0.316	0.299	0.303	0.271	0.303	6.8*
Naphthalene	* 1.195	1.146	1.014	1.015	0.877	1.049	11.9*
4-Chloroaniline	0.514	0.440	0.453	0.512	0.445	0.473	7.8
Hexachlorobutadiene	0.149	0.150	0.142	0.146	0.126	0.143	6.8
4-Chloro-3-Methylphenol	* 0.327	0.327	0.334	0.361	0.322	0.334	4.7*
2-Methylnaphthalene	* 1.122	0.700	1.004	1.029	0.892	0.949	17.0*
Hexachlorocyclopentadiene	0.221	0.119	0.190	0.220	0.180	0.186	22.4
2,4,6-Trichlorophenol	* 0.347	0.345	0.344	0.365	0.346	0.349	2.5*
2,4,5-Trichlorophenol	* 0.369	0.367	0.393	0.342	0.368	0.368	5.7*
2-Chloronaphthalene	* 1.169	1.140	1.049	1.070	1.002	1.086	6.3*
2-Nitroaniline	0.412	0.444	0.498	0.432	0.446	0.446	8.2
Dimethyl Phthalate	1.395	1.315	1.290	1.329	1.154	1.297	6.8
Acenaphthylene	* 1.999	1.809	1.817	1.782	1.435	1.768	11.6*
2,6-Dinitrotoluene	* 0.276	0.272	0.288	0.323	0.283	0.288	7.0*
3-Nitroaniline	0.401	0.390	0.403	0.358	0.388	0.388	5.4
Acenaphthene	* 1.145	1.061	1.012	0.985	0.880	1.017	9.6*
2,4-Dinitrophenol	0.136	0.145	0.188	0.180	0.162	0.162	15.8
4-Nitrophenol	0.117	0.129	0.156	0.145	0.137	0.137	12.6
Dibenzofuran	* 1.734	1.594	1.485	1.631	1.297	1.548	10.7*
2,4-Dinitrotoluene	* 0.331	0.340	0.334	0.377	0.347	0.346	5.3*

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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 Instrument ID: I50Z Calibration Date(s): 08/28/93 08/28/93
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COMPOUND	RRF20	RRF50	RRF80	RRF120	RRF160	RRF	% RSD
LAB FILE ID:	RRF20 = <u>15305Z</u>	RRF50 = <u>15304Z</u>					
RRF80 = <u>15306Z</u>	RRF120 = <u>15307Z</u>	RRF160 = <u>15308Z</u>					
Diethylphthalate	1.308	1.271	1.221	1.321	1.136	1.251	6.0
4-Chlorophenyl-phenylether*	0.648	0.618	0.606	0.652	0.568	0.618	5.5*
Fluorene*	1.390	1.270	1.178	1.282	1.016	1.227	11.4*
4-Nitroaniline		0.324	0.329	0.361	0.350	0.341	5.1
4,6-Dinitro-2-Methylphenol		0.123	0.138	0.147	0.149	0.139	8.5
N-Nitrosodiphenylamine (1)	0.637	0.577	0.630	0.627	0.460	0.586	12.7
4-Bromophenyl-phenylether*	0.196	0.201	0.192	0.210	0.173	0.194	7.1*
Hexachlorobenzene*	0.192	0.194	0.193	0.205	0.178	0.192	5.0*
Pentachlorophenol*		0.112	0.114	0.128	0.119	0.118	6.0*
Phenanthrene*	1.186	1.111	1.045	1.066	0.911	1.064	9.5*
Anthracene*	1.254	1.051	1.122	1.041	0.904	1.074	11.9*
Carbazole	1.076	0.999	1.033	0.999	0.866	0.995	7.9
Di-n-Butylphthalate	1.452	1.425	1.437	1.463	1.164	1.388	9.1
Fluoranthene*	1.177	1.175	1.106	1.069	0.947	1.095	8.6*
Pyrene*	1.532	1.319	1.247	1.225	1.102	1.285	12.4*
Butylbenzylphthalate	0.815	0.770	0.742	0.773	0.740	0.768	4.0
3,3'-Dichlorobenzidine	0.492	0.407	0.412	0.397	0.357	0.413	11.9
Benzo(a)Anthracene*	1.344	1.216	1.120	1.100	1.007	1.157	11.1*
Chrysene*	1.318	1.153	1.070	1.019	0.881	1.088	14.9*
Bis(2-Ethylhexyl)Phthalate	1.173	1.116	1.032	1.065	0.912	1.060	9.3
Di-n-Octyl Phthalate	2.294	2.395	2.164	2.069	2.162	2.217	5.8
Benzo(b)Fluoranthene*	1.286	1.345	1.306	1.222	1.267	1.285	3.6*
Benzo(k)Fluoranthene*	1.352	1.358	1.209	1.437	1.266	1.324	6.7*
Benzo(a)Pyrene*	1.204	1.202	1.155	1.157	1.064	1.156	4.9*
Indeno(1,2,3-cd)Pyrene*	0.850	0.992	0.873	0.910	0.966	0.918	6.6*
Dibenz(a,h)Anthracene*	0.825	0.963	0.869	0.879	0.800	0.867	7.2*
Benzo(g,h,i)Perylene*	0.837	1.026	0.864	0.850	0.789	0.873	10.3*
Nitrobenzene-d5*	0.453	0.426	0.433	0.450	0.410	0.434	4.1*
2-Fluorobiphenyl*	1.269	1.154	1.100	1.157	0.977	1.131	9.4*
Terphenyl-d14*	0.975	0.881	0.864	0.865	0.745	0.866	9.4*
Phenol-d5*	2.180	2.032	2.065	2.102	1.817	2.039	6.7*
2-Fluorophenol*	1.690	1.641	1.642	1.609	1.545	1.625	3.3*
2,4,6-Tribromophenol	0.098	0.121	0.116	0.126	0.115	0.115	9.2
2-Chlorophenol-d4*	1.640	1.565	1.533	1.546	1.376	1.532	6.3*
1,2-Dichlorobenzene-d4*	0.959	0.925	0.892	0.905	0.801	0.896	6.6*

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.

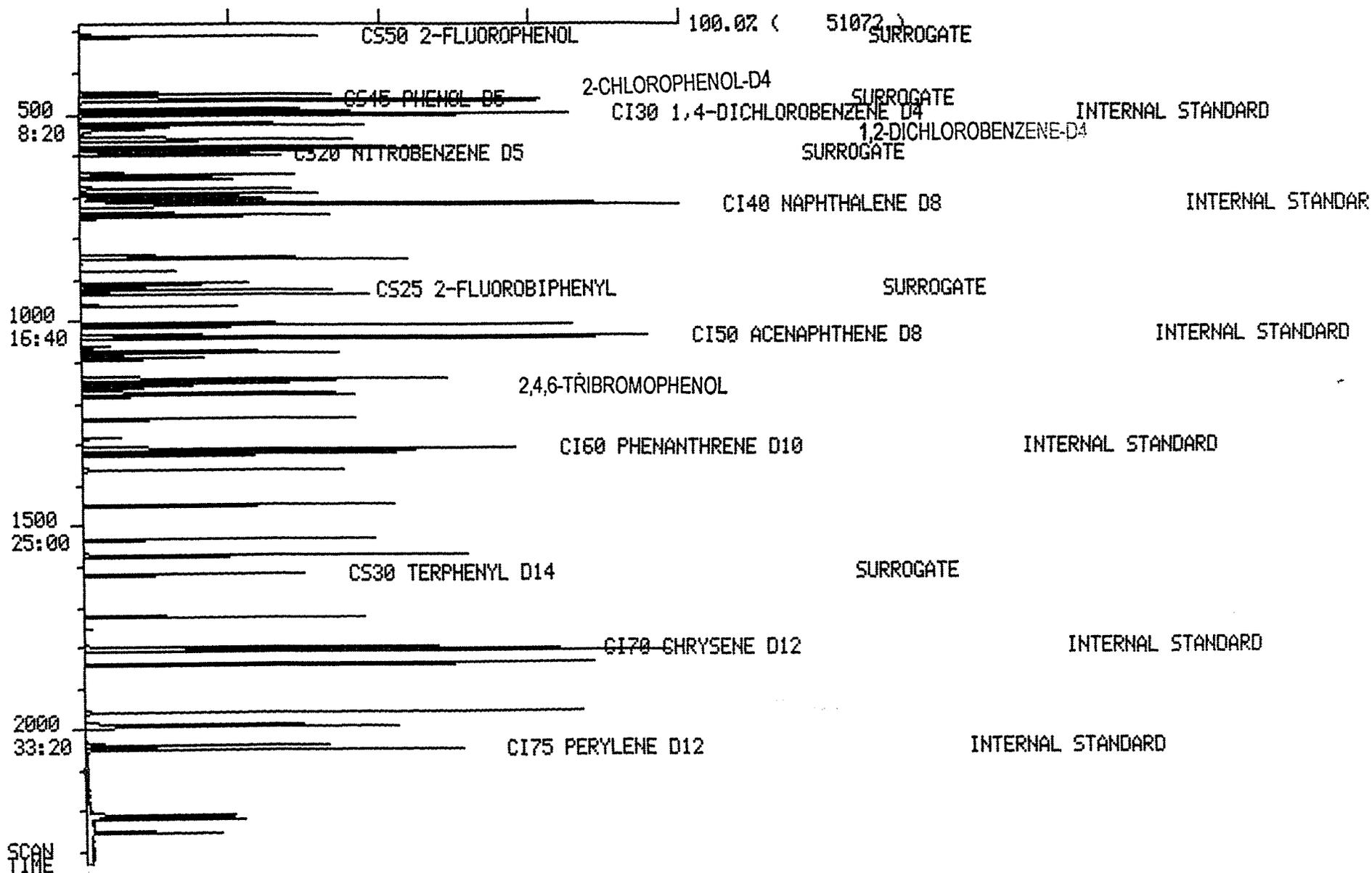
DATA FROM FILE: 15305Z

SCANS 281 TO 2328 ACQUIRED: 08/28/93 21:16:00

CALI: 15305Z #3

SAMPLE: SSTD020

CONDS.: AUTOSAMPLR I50Z



10354

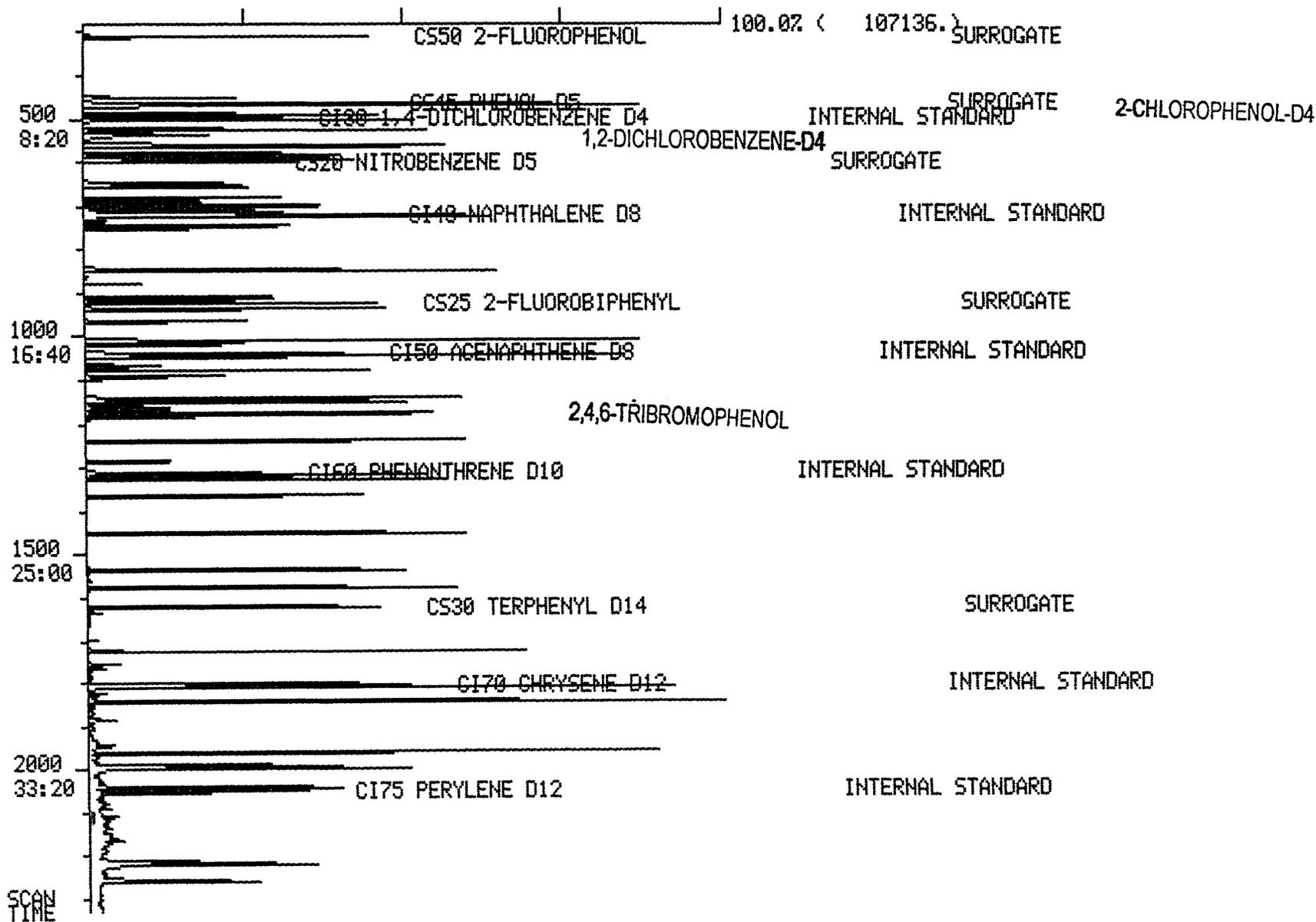
DATA FROM FILE: 15304Z

SCANS 281 TO 2328 ACQUIRED: 08/28/93 20:28:00

CALI: 15304Z #3

SAMPLE: SSTD050

CONDS.: AUTOSAMPLR I50Z



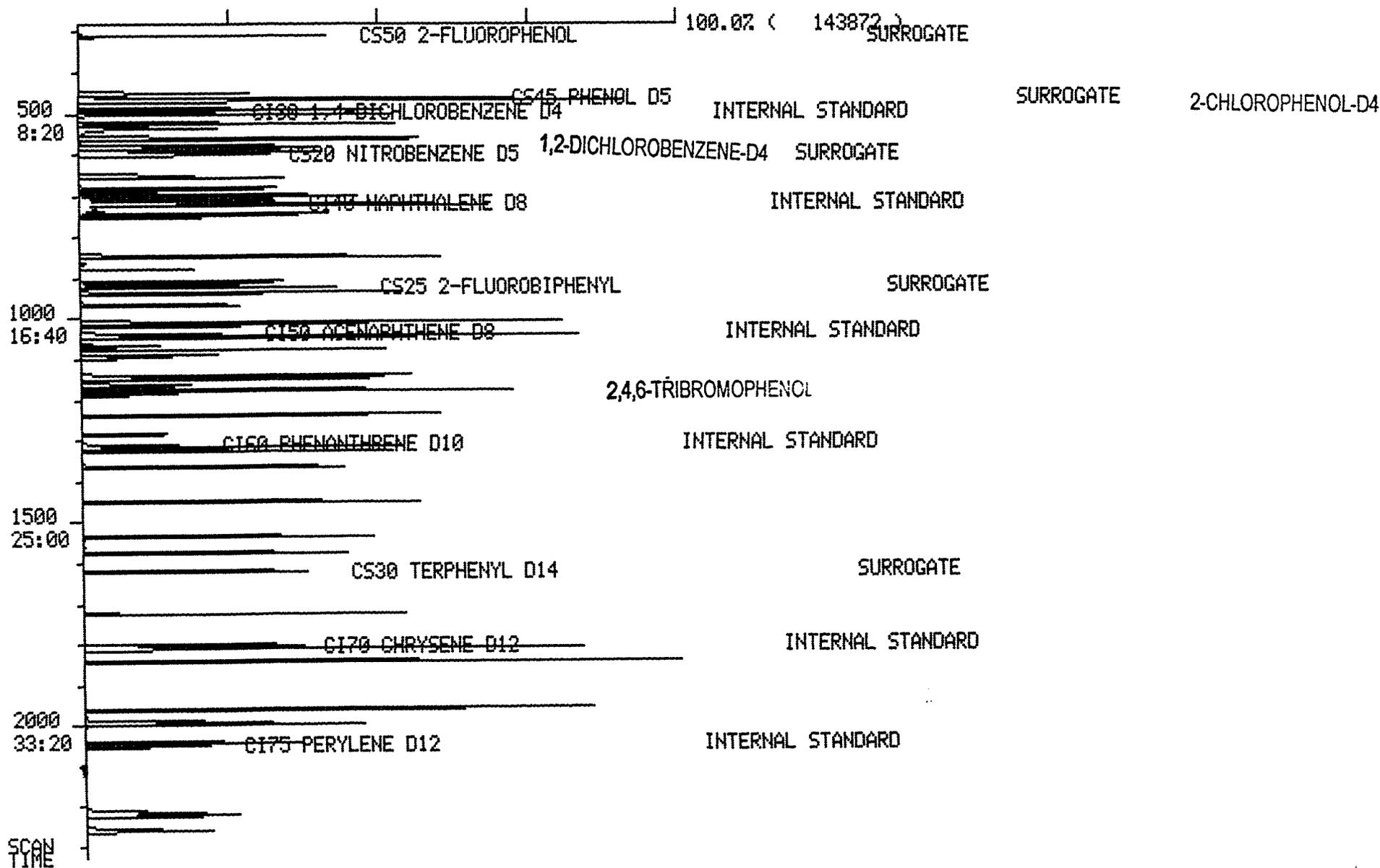
DATA FROM FILE: 15306Z

SCANS 281 TO 2328 ACQUIRED: 08/28/93 22:04:00

CALI: 15306Z #3

SAMPLE: SSTD080

CONDS.: AUTOSAMPLR I50Z



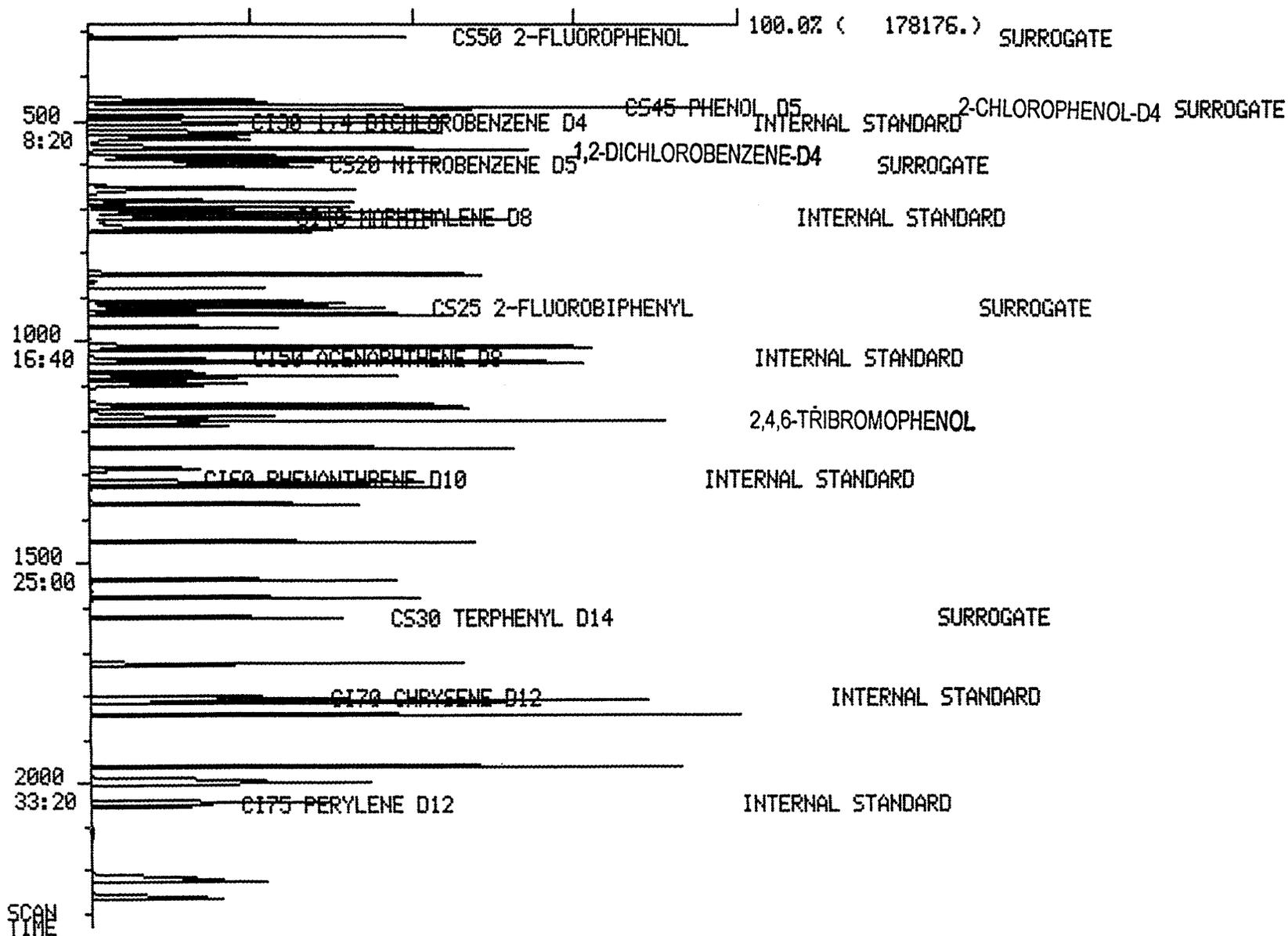
DATA FROM FILE: 15307Z

SCANS 281 TO 2328 ACQUIRED: 08/28/93 22:52:00

CALI: 15307Z #3

SAMPLE: SSTD120

CONDS.: AUTOSAMPLR I50Z



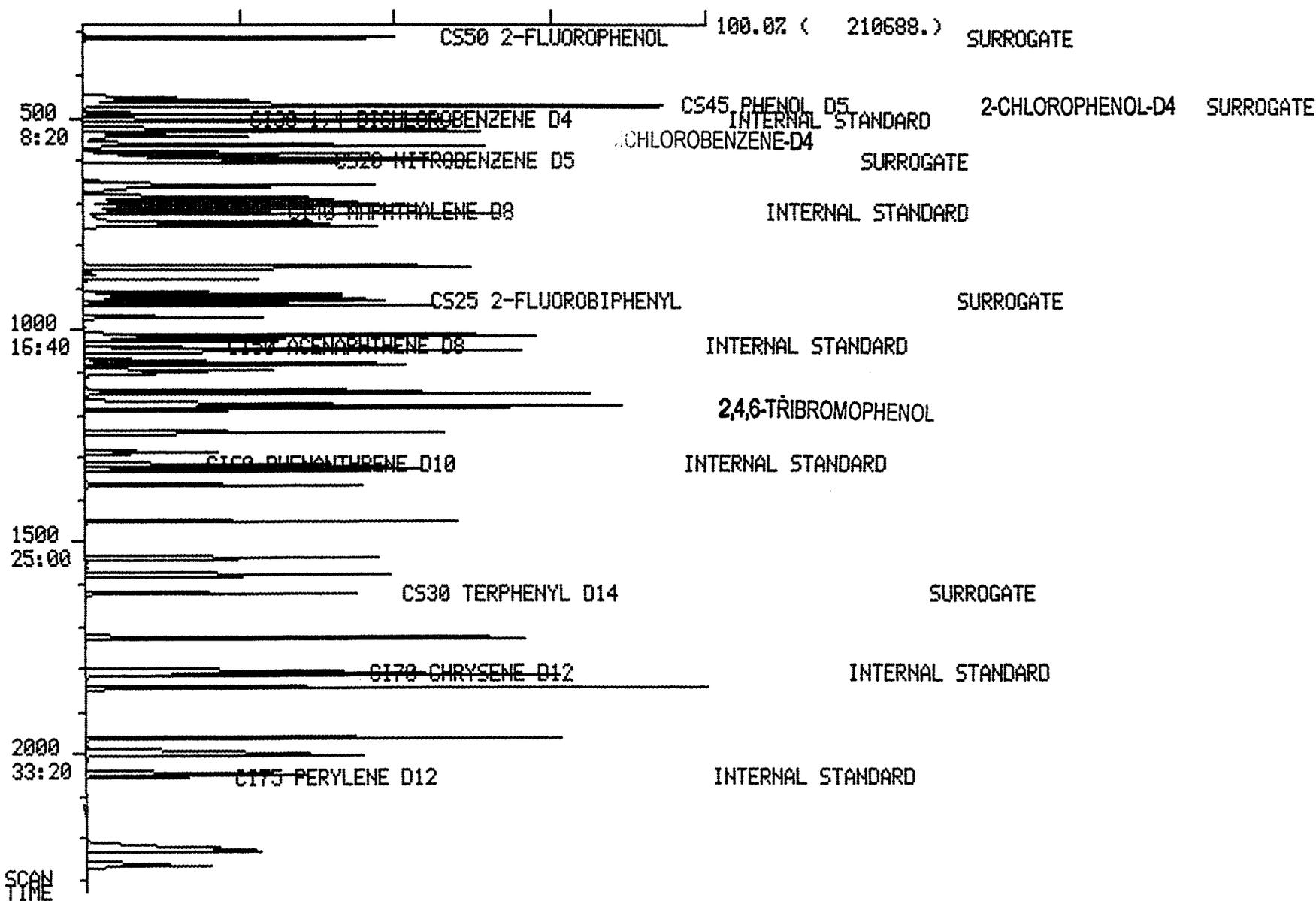
DATA FROM FILE: 15308Z

SCANS 281 TO 2328 ACQUIRED: 08/28/93 23:39:00

CALI: 15308Z #3

SAMPLE: SSTD160

CONDS.: AUTOSAMPLR I50Z



10358

Quantitation Report File: 15305Z

Data: 15305Z.TI
08/28/93 21:16:00
Sample: SSTD020

Conds.: AUTOSAMPLR I50Z

Formula:

Submitted by:

Instrument: I50Z

Analyst: SMW

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	CI30 1,4-DICHLOROBENZENE D4	INTERNAL STANDARD
2	CI40 NAPHTHALENE D8	INTERNAL STANDARD
3	CI50 ACENAPHTHENE D8	INTERNAL STANDARD
4	CI60 PHENANTHRENE D10	INTERNAL STANDARD
5	CI70 CHRYSENE D12	INTERNAL STANDARD
6	CI75 PERYLENE D12	INTERNAL STANDARD
7	CS75 1,2-DICHLOROBENZENE-D4	SURROGATE
8	CS20 NITROBENZENE D5	SURROGATE
9	CS25 2-FLUOROBIPHENYL	SURROGATE
10	CS30 TERPHENYL D14	SURROGATE
11	CS45 PHENOL D5	SURROGATE
12	CS50 2-FLUOROPHENOL	SURROGATE
13	CS70 2-CHLOROPHENOL-D4	SURROGATE
14	CS55 2,4,6-TRIBROMOPHENOL	SURROGATE
15	C315 PHENOL	
16	C325 BIS(2-CHLOROETHYL) ETHER	
17	C330 2-CHLOROPHENOL	
18	C335 1,3-DICHLOROBENZENE	
19	C340 1,4-DICHLOROBENZENE	
20	C350 1,2-DICHLOROBENZENE	
21	C355 2-METHYLPHENOL	
22	C360 2,2'-OXYBIS(1-CHLOROPROPANE)	
23	C365 4-METHYLPHENOL	
24	C370 N-NITROSO-DI-N-PROPYLAMINE	
25	C375 HEXACHLOROETHANE	
26	C410 NITROBENZENE	
27	C415 ISOPHORONE	
28	C420 2-NITROPHENOL	
29	C425 2,4-DIMETHYLPHENOL	
30	C435 BIS(2-CHLOROETHOXY) METHANE	
31	C440 2,4-DICHLOROPHENOL	
32	C445 1,2,4-TRICHLOROBENZENE	
33	C450 NAPHTHALENE	
34	C455 4-CHLOROANILINE	
35	C460 HEXACHLOROBUTADIENE	
36	C465 4-CHLORO-3-METHYLPHENOL	
37	C470 2-METHYLNAPHTHALENE	
38	C510 HEXACHLOROCYCLOPENTADIENE	
39	C515 2,4,6-TRICHLOROPHENOL	
40	C520 2,4,5-TRICHLOROPHENOL	
41	C525 2-CHLORONAPHTHALENE	
42	C530 2-NITROANILINE	
43	C535 DIMETHYL PHTHALATE	
44	C540 ACENAPHTHYLENE	
45	C542 2,6-DINITROTOLUENE	
46	C545 3-NITROANILINE	
47	C550 ACENAPHTHENE	

No Name
 48 C555 2,4-DINITROPHENOL
 49 C560 4-NITROPHENOL
 50 C565 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
1	152	497	8:17	1	1.000	A BB	17088.	40.000 NG	2.27
2	136	714	11:54	2	1.000	A BB	61492.	40.000 NG	2.27
3	164	1034	17:14	3	1.000	A BB	33854.	40.000 NG	2.27
4	188	1307	21:47	4	1.000	A BB	52044.	40.000 NG	2.27
5	240	1801	30:01	5	1.000	A BB	43668.	40.000 NG	2.27
6	264	2047	34:07	6	1.000	A BB	41190.	40.000 NG	2.27
7	152	520	8:40	1	1.046	A BB	8196.	20.000 NG	1.14
8	82	592	9:52	2	0.829	A BB	13918.	20.000 NG	1.14
9	172	919	15:19	3	0.889	A BB	21486.	20.000 NG	1.14
10	244	1616	26:56	5	0.897	A BB	21296.	20.000 NG	1.14
11	99	459	7:39	1	0.924	A BB	18622.	20.000 NG	1.14
12	112	308	5:08	1	0.620	A BB	14438.	20.000 NG	1.14
13	132	462	7:42	1	0.930	A BB	14012.	20.000 NG	1.14
14	330	1181	19:41	3	1.142	M XX	1656.	20.000 NG	1.14
15	94	461	7:41	1	0.928	A BB	21746.	20.000 NG	1.14
16	93	465	7:45	1	0.936	A BB	17440.	20.000 NG	1.14
17	128	465	7:45	1	0.936	A BB	15296.	20.000 NG	1.14
18	146	486	8:06	1	0.978	A BB	14336.	20.000 NG	1.14
19	146	499	8:19	1	1.004	A BB	14752.	20.000 NG	1.14
20	146	522	8:42	1	1.050	A BB	13584.	20.000 NG	1.14
21	108	557	9:17	1	1.121	A BB	13316.	20.000 NG	1.14
22	45	555	9:15	1	1.117	M XX	24862.	20.000 NG	1.14
23	108	586	9:46	1	1.179	A BB	12636.	20.000 NG	1.14
24	70	578	9:38	1	1.163	A BB	11264.	20.000 NG	1.14
25	117	576	9:36	1	1.159	A BB	5398.	20.000 NG	1.14
26	77	595	9:55	2	0.833	A BB	14454.	20.000 NG	1.14
27	82	642	10:42	2	0.899	A BB	27872.	20.000 NG	1.14
28	139	651	10:51	2	0.912	A BB	6640.	20.000 NG	1.14
29	107	676	11:16	2	0.947	A BB	11422.	20.000 NG	1.14
30	93	690	11:30	2	0.966	A BB	16920.	20.000 NG	1.14
31	162	698	11:38	2	0.978	A BB	9838.	20.000 NG	1.14
32	180	707	11:47	2	0.990	A BB	10002.	20.000 NG	1.14
33	128	717	11:57	2	1.004	A BB	36746.	20.000 NG	1.14
34	127	737	12:17	2	1.032	A BB	15806.	20.000 NG	1.14
35	225	746	12:26	2	1.045	A BB	4584.	20.000 NG	1.14
36	107	840	14:00	2	1.176	A BB	10058.	20.000 NG	1.14
37	142	845	14:05	2	1.183	A BB	34510.	20.000 NG	1.14
38	237	875	14:35	3	0.846	A BB	3746.	20.000 NG	1.14
39	196	904	15:04	3	0.874	A BV	5880.	20.000 NG	1.14
40	196	911	15:11	3	0.881	A VB	6258.	20.000 NG	1.14
41	162	932	15:32	3	0.901	A BB	19786.	20.000 NG	1.14
42	65	960	16:00	3	0.928	A BB	7408.	20.000 NG	1.14
43	163	1005	16:45	3	0.972	A BB	23614.	20.000 NG	1.14
44	152	1006	16:46	3	0.973	A BB	33840.	20.000 NG	1.14
45	165	1012	16:52	3	0.979	A BB	4676.	20.000 NG	1.14
46	138	1039	17:19	3	1.005	A BB	6376.	20.000 NG	1.14
47	153	1039	17:19	3	1.005	A BB	19376.	20.000 NG	1.14
48	184	1059	17:39	3	1.024	A BB	1390.	20.000 NG	1.14
49	109	1089	18:09	3	1.053	A BB	1730.	20.000 NG	1.14
50	168	1072	17:52	3	1.037	A BB	29358.	20.000 NG	1.14

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
1	8:17	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	11:54	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:14	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:47	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	30:01	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	34:07	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	8:40	1.00	1.046	1.00	20.00	20.00	0.959	0.959	1.00
8	9:52	1.00	0.829	1.00	20.00	20.00	0.453	0.453	1.00
9	15:19	1.00	0.889	1.00	20.00	20.00	1.269	1.269	1.00
10	26:56	1.00	0.897	1.00	20.00	20.00	0.975	0.975	1.00
11	7:39	1.00	0.924	1.00	20.00	20.00	2.180	2.180	1.00
12	5:08	1.00	0.620	1.00	20.00	20.00	1.690	1.690	1.00
13	7:42	1.00	0.930	1.00	20.00	20.00	1.640	1.640	1.00
14	19:41	1.00	1.142	1.00	20.00	20.00	0.098	0.098	1.00
15	7:41	1.00	0.928	1.00	20.00	20.00	2.545	2.545	1.00
16	7:45	1.00	0.936	1.00	20.00	20.00	2.041	2.041	1.00
17	7:45	1.00	0.936	1.00	20.00	20.00	1.790	1.790	1.00
18	8:06	1.00	0.978	1.00	20.00	20.00	1.678	1.678	1.00
19	8:19	1.00	1.004	1.00	20.00	20.00	1.727	1.727	1.00
20	8:42	1.00	1.050	1.00	20.00	20.00	1.590	1.590	1.00
21	9:17	1.00	1.121	1.00	20.00	20.00	1.559	1.559	1.00
22	9:15	1.00	1.117	1.00	20.00	20.00	2.910	2.910	1.00
23	9:46	1.00	1.179	1.00	20.00	20.00	1.479	1.479	1.00
24	9:38	1.00	1.163	1.00	20.00	20.00	1.318	1.318	1.00
25	9:36	1.00	1.159	1.00	20.00	20.00	0.632	0.632	1.00
26	9:55	1.00	0.833	1.00	20.00	20.00	0.470	0.470	1.00
27	10:42	1.00	0.899	1.00	20.00	20.00	0.907	0.907	1.00
28	10:51	1.00	0.912	1.00	20.00	20.00	0.216	0.216	1.00
29	11:16	1.00	0.947	1.00	20.00	20.00	0.371	0.371	1.00
30	11:30	1.00	0.966	1.00	20.00	20.00	0.550	0.550	1.00
31	11:38	1.00	0.978	1.00	20.00	20.00	0.320	0.320	1.00
32	11:47	1.00	0.990	1.00	20.00	20.00	0.325	0.325	1.00
33	11:57	1.00	1.004	1.00	20.00	20.00	1.195	1.195	1.00
34	12:17	1.00	1.032	1.00	20.00	20.00	0.514	0.514	1.00
35	12:26	1.00	1.045	1.00	20.00	20.00	0.149	0.149	1.00
36	14:00	1.00	1.176	1.00	20.00	20.00	0.327	0.327	1.00
37	14:05	1.00	1.183	1.00	20.00	20.00	1.122	1.122	1.00
38	14:35	1.00	0.846	1.00	20.00	20.00	0.221	0.221	1.00
39	15:04	1.00	0.874	1.00	20.00	20.00	0.347	0.347	1.00
40	15:11	1.00	0.881	1.00	20.00	20.00	0.370	0.370	1.00
41	15:32	1.00	0.901	1.00	20.00	20.00	1.169	1.169	1.00
42	16:00	1.00	0.928	1.00	20.00	20.00	0.438	0.438	1.00
43	16:45	1.00	0.972	1.00	20.00	20.00	1.395	1.395	1.00
44	16:46	1.00	0.973	1.00	20.00	20.00	1.999	1.999	1.00
45	16:52	1.00	0.979	1.00	20.00	20.00	0.276	0.276	1.00
46	17:19	1.00	1.005	1.00	20.00	20.00	0.377	0.377	1.00
47	17:19	1.00	1.005	1.00	20.00	20.00	1.145	1.145	1.00
48	17:39	1.00	1.024	1.00	20.00	20.00	0.082	0.082	1.00
49	18:09	1.00	1.053	1.00	20.00	20.00	0.102	0.102	1.00
50	17:52	1.00	1.037	1.00	20.00	20.00	1.734	1.734	1.00

Quantitation Report File: 15305Z

Data: 15305Z.TI
 08/28/93 21:16:00
 Sample: SSTD020
 Conds.: AUTOSAMPLR I50Z
 Formula:
 Submitted by:

Instrument: I50Z
 Analyst: SMW

Weight: 0.000
 Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
 Resp. fac. from Library Entry

No	Name
51	C570 2,4-DINITROTOLUENE
52	C580 DIETHYL PHTHALATE
53	C585 4-CHLOROPHENYL PHENYL ETHER
54	C590 FLUORENE
55	C595 4-NITROANILINE
56	C610 4,6-DINITRO-2-METHYL PHENOL
57	C615 N-NITROSODIPHENYLAMINE
58	C625 4-BROMOPHENYL PHENYL ETHER
59	C630 HEXACHLOROBENZENE
60	C635 PENTACHLOROPHENOL
61	C640 PHENANTHRENE
62	C645 ANTHRACENE
63	C647 CARBAZOLE
64	C650 DI-N-BUTYL PHTHALATE
65	C655 FLUORANTHENE
66	C715 PYRENE
67	C720 BUTYLBENZYLPHTHALATE
68	C725 3,3' DICHLOROBENZIDINE
69	C730 BENZO (A) ANTHRACENE
70	C735 CHRYSENE
71	C740 BIS (2-ETHYLHEXYL) PHTHALATE
72	C760 DI-N-OCTYLPHTHALATE
73	C765 BENZO (B) FLUORANTHENE
74	C770 BENZO (K) FLUORANTHENE
75	C775 BENZO (A) PYRENE
76	C780 INDENO (1,2,3-CD) PYRENE
77	C785 DIBENZO (A,H) ANTHRACENE
78	C790 BENZO (G,H,I) PERYLENE
79	C705 N-NITROSODIMETHYLAMINE
80	C320 ANILINE
81	C710 BENZIDINE
82	C345 BENZYL ALCOHOL
83	C430 BENZOIC ACID
84	C620 1,2,DIPHENYLHYDRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
51	165	1084	18:04	3	1.048	A BB	5598.	20.000 NG	1.14
52	149	1139	18:59	3	1.102	A BB	22140.	20.000 NG	1.14
53	204	1145	19:05	3	1.107	A BB	10966.	20.000 NG	1.14
54	166	1136	18:56	3	1.099	A BB	23534.	20.000 NG	1.14
55	138	1153	19:13	3	1.115	A BB	5498.	20.000 NG	1.14
56	198	1159	19:19	4	0.887	A BB	2594.	20.000 NG	1.14
57	169	1171	19:31	4	0.896	A BB	16578.	20.000 NG	1.14
58	248	1234	20:34	4	0.944	A BB	5092.	20.000 NG	1.14
59	284	1235	20:35	4	0.945	A BB	4994.	20.000 NG	1.14

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
60	266	1279	21:19	4	0.979	A BB	2096.	20.000 NG	1.14
61	178	1311	21:51	4	1.003	A BV	30862.	20.000 NG	1.14
62	178	1321	22:01	4	1.011	A VB	32632.	20.000 NG	1.14
63	167	1359	22:39	4	1.040	A BB	28012.	20.000 NG	1.14
64	149	1446	24:06	4	1.106	A BB	37788.	20.000 NG	1.14
65	202	1531	25:31	4	1.171	A BB	30618.	20.000 NG	1.14
66	202	1570	26:10	5	0.872	A BB	33460.	20.000 NG	1.14
67	149	1721	28:41	5	0.956	A BB	17784.	20.000 NG	1.14
68	252	1805	30:05	5	1.002	A BB	10748.	20.000 NG	1.14
69	228	1798	29:58	5	0.998	A BV	29340.	20.000 NG	1.14
70	228	1805	30:05	5	1.002	A VB	28784.	20.000 NG	1.14
71	149	1839	30:39	5	1.021	A BB	25614.	20.000 NG	1.14
72	149	1956	32:36	6	0.956	A BB	47252.	20.000 NG	1.14
73	252	1985	33:05	6	0.970	A BV	26482.	20.000 NG	1.14
74	252	1991	33:11	6	0.973	A VB	27836.	20.000 NG	1.14
75	252	2036	33:56	6	0.995	A BB	24796.	20.000 NG	1.14
76	276	2208	36:48	6	1.079	A BV	17498.	20.000 NG	1.14
77	278	2215	36:55	6	1.082	A VB	16998.	20.000 NG	1.14
78	276	2251	37:31	6	1.100	A BB	17234.	20.000 NG	1.14
79	NOT FOUND								
80	93	447	7:27	1	0.899	A BB	25612.	20.000 NG	1.14
81	184	1570	26:10	5	0.872	A BB	10420.	20.000 NG	1.14
82	108	530	8:50	1	1.066	A BB	7278.	20.000 NG	1.14
83	NOT FOUND								
84	77	1174	19:34	3	1.135	A BB	27690.	20.000 NG	1.14

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
51	18:04	1.00	1.048	1.00	20.00	20.00	0.331	0.331	1.00
52	18:59	1.00	1.102	1.00	20.00	20.00	1.308	1.308	1.00
53	19:05	1.00	1.107	1.00	20.00	20.00	0.648	0.648	1.00
54	18:56	1.00	1.099	1.00	20.00	20.00	1.390	1.390	1.00
55	19:13	1.00	1.115	1.00	20.00	20.00	0.325	0.325	1.00
56	19:19	1.00	0.887	1.00	20.00	20.00	0.100	0.100	1.00
57	19:31	1.00	0.896	1.00	20.00	20.00	0.637	0.637	1.00
58	20:34	1.00	0.944	1.00	20.00	20.00	0.196	0.196	1.00
59	20:35	1.00	0.945	1.00	20.00	20.00	0.192	0.192	1.00
60	21:19	1.00	0.979	1.00	20.00	20.00	0.081	0.081	1.00
61	21:51	1.00	1.003	1.00	20.00	20.00	1.186	1.186	1.00
62	22:01	1.00	1.011	1.00	20.00	20.00	1.254	1.254	1.00
63	22:39	1.00	1.040	1.00	20.00	20.00	1.076	1.076	1.00
64	24:06	1.00	1.106	1.00	20.00	20.00	1.452	1.452	1.00
65	25:31	1.00	1.171	1.00	20.00	20.00	1.177	1.177	1.00
66	26:10	1.00	0.872	1.00	20.00	20.00	1.532	1.532	1.00
67	28:41	1.00	0.956	1.00	20.00	20.00	0.815	0.815	1.00
68	30:05	1.00	1.002	1.00	20.00	20.00	0.492	0.492	1.00
69	29:58	1.00	0.998	1.00	20.00	20.00	1.344	1.344	1.00
70	30:05	1.00	1.002	1.00	20.00	20.00	1.318	1.318	1.00
71	30:39	1.00	1.021	1.00	20.00	20.00	1.173	1.173	1.00
72	32:36	1.00	0.956	1.00	20.00	20.00	2.294	2.294	1.00
73	33:05	1.00	0.970	1.00	20.00	20.00	1.286	1.286	1.00
74	33:11	1.00	0.973	1.00	20.00	20.00	1.352	1.352	1.00
75	33:56	1.00	0.995	1.00	20.00	20.00	1.204	1.204	1.00
76	36:48	1.00	1.079	1.00	20.00	20.00	0.850	0.850	1.00
77	36:55	1.00	1.082	1.00	20.00	20.00	0.825	0.825	1.00
78	37:31	1.00	1.100	1.00	20.00	20.00	0.837	0.837	1.00
79	2:28		0.295						

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
80	7:27	1.00	0.899	1.00	20.00	20.00	2.998	2.998	1.00
81	26:10	1.00	0.872	1.00	20.00	20.00	0.477	0.477	1.00
82	8:50	1.00	1.066	1.00	20.00	20.00	0.852	0.852	1.00
83	12:02		0.992						
84	19:34	1.00	1.135	1.00	20.00	20.00	1.636	1.636	1.00

Data: 15304Z.TI

08/28/93 20:28:00

Sample: SSTD050

Conds.: AUTOSAMPLR I50Z

Formula:

Submitted by:

Instrument: I50Z

Analyst: SMW

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT / (REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	CI30 1,4-DICHLOROBENZENE D4	INTERNAL STANDARD
2	CI40 NAPHTHALENE D8	INTERNAL STANDARD
3	CI50 ACENAPHTHENE D8	INTERNAL STANDARD
4	CI60 PHENANTHRENE D10	INTERNAL STANDARD
5	CI70 CHRYSENE D12	INTERNAL STANDARD
6	CI75 PERYLENE D12	INTERNAL STANDARD
7	CS75 1,2-DICHLOROBENZENE-D4	SURROGATE
8	CS20 NITROBENZENE D5	SURROGATE
9	CS25 2-FLUOROBIPHENYL	SURROGATE
10	CS30 TERPHENYL D14	SURROGATE
11	CS45 PHENOL D5	SURROGATE
12	CS50 2-FLUOROPHENOL	SURROGATE
13	CS70 2-CHLOROPHENOL-D4	SURROGATE
14	CS55 2,4,6-TRIBROMOPHENOL	SURROGATE
15	C315 PHENOL	
16	C325 BIS(2-CHLOROETHYL) ETHER	
17	C330 2-CHLOROPHENOL	
18	C335 1,3-DICHLOROBENZENE	
19	C340 1,4-DICHLOROBENZENE	
20	C350 1,2-DICHLOROBENZENE	
21	C355 2-METHYLPHENOL	
22	C360 2,2'-OXYBIS(1-CHLOROPROPANE)	
23	C365 4-METHYLPHENOL	
24	C370 N-NITROSO-DI-N-PROPYLAMINE	
25	C375 HEXACHLOROETHANE	
26	C410 NITROBENZENE	
27	C415 ISOPHORONE	
28	C420 2-NITROPHENOL	
29	C425 2,4-DIMETHYLPHENOL	
30	C435 BIS(2-CHLOROETHOXY)METHANE	
31	C440 2,4-DICHLOROPHENOL	
32	C445 1,2,4-TRICHLOROBENZENE	
33	C450 NAPHTHALENE	
34	C455 4-CHLOROANILINE	
35	C460 HEXACHLOROBUTADIENE	
36	C465 4-CHLORO-3-METHYLPHENOL	
37	C470 2-METHYLNAPHTHALENE	
38	C510 HEXACHLOROCYCLOPENTADIENE	
39	C515 2,4,6-TRICHLOROPHENOL	
40	C520 2,4,5-TRICHLOROPHENOL	
41	C525 2-CHLORONAPHTHALENE	
42	C530 2-NITROANILINE	
43	C535 DIMETHYL PHTHALATE	
44	C540 ACENAPHTHYLENE	
45	C542 2,6-DINITROTOLUENE	
46	C545 3-NITROANILINE	
47	C550 ACENAPHTHENE	

No Name
 48 C555 2,4-DINITROPHENOL
 49 C560 4-NITROPHENOL
 50 C565 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
1	152	497	8:17	1	1.000	A BB	16470.	40.000 NG	1.00
2	136	715	11:55	2	1.000	A BB	57874.	40.000 NG	1.00
3	164	1035	17:15	3	1.000	A BB	32842.	40.000 NG	1.00
4	188	1308	21:48	4	1.000	A BB	51872.	40.000 NG	1.00
5	240	1802	30:02	5	1.000	A BB	49194.	40.000 NG	1.00
6	264	2049	34:09	6	1.000	A BB	39871.	40.000 NG	1.00
7	152	521	8:41	1	1.048	A BB	19052.	50.000 NG	1.25
8	82	594	9:54	2	0.831	A BB	30850.	50.000 NG	1.25
9	172	921	15:21	3	0.890	A BB	47388.	50.000 NG	1.25
10	244	1618	26:58	5	0.898	A BB	54188.	50.000 NG	1.25
11	99	461	7:41	1	0.928	A BB	41826.	50.000 NG	1.25
12	112	308	5:08	1	0.620	A BB	33792.	50.000 NG	1.25
13	132	463	7:43	1	0.932	A BB	32214.	50.000 NG	1.25
14	330	1184	19:44	3	1.144	A BB	4960.	50.000 NG	1.25
15	94	464	7:44	1	0.934	A BB	52422.	50.000 NG	1.25
16	93	467	7:47	1	0.940	A BB	39790.	50.000 NG	1.25
17	128	466	7:46	1	0.938	A BB	35030.	50.000 NG	1.25
18	146	487	8:07	1	0.980	A BB	32120.	50.000 NG	1.25
19	146	500	8:20	1	1.006	A BB	32834.	50.000 NG	1.25
20	146	523	8:43	1	1.052	A BB	30702.	50.000 NG	1.25
21	108	559	9:19	1	1.125	A BB	29536.	50.000 NG	1.25
22	45	556	9:16	1	1.119	M XX	53852.	50.000 NG	1.25
23	108	589	9:49	1	1.185	A BB	30018.	50.000 NG	1.25
24	70	581	9:41	1	1.169	A BB	24414.	50.000 NG	1.25
25	117	577	9:37	1	1.161	A BB	12640.	50.000 NG	1.25
26	77	598	9:58	2	0.836	A VB	32934.	50.000 NG	1.25
27	82	645	10:45	2	0.902	A BB	59348.	50.000 NG	1.25
28	139	652	10:52	2	0.912	A VB	15882.	50.000 NG	1.25
29	107	679	11:19	2	0.950	A BB	24260.	50.000 NG	1.25
30	93	692	11:32	2	0.968	A BB	37014.	50.000 NG	1.25
31	162	700	11:40	2	0.979	A BB	22944.	50.000 NG	1.25
32	180	708	11:48	2	0.990	A BB	22892.	50.000 NG	1.25
33	128	719	11:59	2	1.006	A BB	82926.	50.000 NG	1.25
34	127	738	12:18	2	1.032	A BB	31836.	50.000 NG	1.25
35	225	747	12:27	2	1.045	A BB	10866.	50.000 NG	1.25
36	107	841	14:01	2	1.176	A BB	23672.	50.000 NG	1.25
37	142	846	14:06	2	1.183	A VB	50612.	50.000 NG	1.25
38	237	875	14:35	3	0.845	A BB	4878.	50.000 NG	1.25
39	196	906	15:06	3	0.875	A BV	14174.	50.000 NG	1.25
40	196	912	15:12	3	0.881	A VB	15148.	50.000 NG	1.25
41	162	934	15:34	3	0.902	A BB	46810.	50.000 NG	1.25
42	65	963	16:03	3	0.930	A BB	16924.	50.000 NG	1.25
43	163	1007	16:47	3	0.973	A BB	53966.	50.000 NG	1.25
44	152	1007	16:47	3	0.973	A BB	74276.	50.000 NG	1.25
45	165	1014	16:54	3	0.980	A VB	11160.	50.000 NG	1.25
46	138	1041	17:21	3	1.006	A BB	16458.	50.000 NG	1.25
47	153	1041	17:21	3	1.006	A BB	43548.	50.000 NG	1.25
48	184	1062	17:42	3	1.026	A BB	5588.	50.000 NG	1.25
49	109	1092	18:12	3	1.055	A BB	4786.	50.000 NG	1.25
50	168	1074	17:54	3	1.038	A BB	65426.	50.000 NG	1.25

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
1	8:17	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	11:55	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:15	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:48	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	30:02	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	34:09	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	8:41	1.00	1.048	1.00	50.00	50.00	0.925	0.925	1.00
8	9:54	1.00	0.831	1.00	50.00	50.00	0.426	0.426	1.00
9	15:21	1.00	0.890	1.00	50.00	50.00	1.154	1.154	1.00
10	26:58	1.00	0.898	1.00	50.00	50.00	0.881	0.881	1.00
11	7:41	1.00	0.928	1.00	50.00	50.00	2.032	2.032	1.00
12	5:08	1.00	0.620	1.00	50.00	50.00	1.641	1.641	1.00
13	7:43	1.00	0.932	1.00	50.00	50.00	1.565	1.565	1.00
14	19:44	1.00	1.144	1.00	50.00	50.00	0.121	0.121	1.00
15	7:44	1.00	0.934	1.00	50.00	50.00	2.546	2.546	1.00
16	7:47	1.00	0.940	1.00	50.00	50.00	1.933	1.933	1.00
17	7:46	1.00	0.938	1.00	50.00	50.00	1.702	1.702	1.00
18	8:07	1.00	0.980	1.00	50.00	50.00	1.560	1.560	1.00
19	8:20	1.00	1.006	1.00	50.00	50.00	1.595	1.595	1.00
20	8:43	1.00	1.052	1.00	50.00	50.00	1.491	1.491	1.00
21	9:19	1.00	1.125	1.00	50.00	50.00	1.435	1.435	1.00
22	9:16	1.00	1.119	1.00	50.00	50.00	2.616	2.616	1.00
23	9:49	1.00	1.185	1.00	50.00	50.00	1.458	1.458	1.00
24	9:41	1.00	1.169	1.00	50.00	50.00	1.186	1.186	1.00
25	9:37	1.00	1.161	1.00	50.00	50.00	0.614	0.614	1.00
26	9:58	1.00	0.836	1.00	50.00	50.00	0.455	0.455	1.00
27	10:45	1.00	0.902	1.00	50.00	50.00	0.820	0.820	1.00
28	10:52	1.00	0.912	1.00	50.00	50.00	0.220	0.220	1.00
29	11:19	1.00	0.950	1.00	50.00	50.00	0.335	0.335	1.00
30	11:32	1.00	0.968	1.00	50.00	50.00	0.512	0.512	1.00
31	11:40	1.00	0.979	1.00	50.00	50.00	0.317	0.317	1.00
32	11:48	1.00	0.990	1.00	50.00	50.00	0.316	0.316	1.00
33	11:59	1.00	1.006	1.00	50.00	50.00	1.146	1.146	1.00
34	12:18	1.00	1.032	1.00	50.00	50.00	0.440	0.440	1.00
35	12:27	1.00	1.045	1.00	50.00	50.00	0.150	0.150	1.00
36	14:01	1.00	1.176	1.00	50.00	50.00	0.327	0.327	1.00
37	14:06	1.00	1.183	1.00	50.00	50.00	0.700	0.700	1.00
38	14:35	1.00	0.845	1.00	50.00	50.00	0.119	0.119	1.00
39	15:06	1.00	0.875	1.00	50.00	50.00	0.345	0.345	1.00
40	15:12	1.00	0.881	1.00	50.00	50.00	0.369	0.369	1.00
41	15:34	1.00	0.902	1.00	50.00	50.00	1.140	1.140	1.00
42	16:03	1.00	0.930	1.00	50.00	50.00	0.412	0.412	1.00
43	16:47	1.00	0.973	1.00	50.00	50.00	1.315	1.315	1.00
44	16:47	1.00	0.973	1.00	50.00	50.00	1.809	1.809	1.00
45	16:54	1.00	0.980	1.00	50.00	50.00	0.272	0.272	1.00
46	17:21	1.00	1.006	1.00	50.00	50.00	0.401	0.401	1.00
47	17:21	1.00	1.006	1.00	50.00	50.00	1.061	1.061	1.00
48	17:42	1.00	1.026	1.00	50.00	50.00	0.136	0.136	1.00
49	18:12	1.00	1.055	1.00	50.00	50.00	0.117	0.117	1.00
50	17:54	1.00	1.038	1.00	50.00	50.00	1.594	1.594	1.00

Data: 15304Z.TI

08/28/93 20:28:00

Sample: SSTD050

Conds.: AUTOSAMPLR I50Z

Formula:

Instrument: I50Z

Weight: 0.000

Submitted by:

Analyst: SMW

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 2,4-DINITROTOLUENE
52	C580 DIETHYL PHTHALATE
53	C585 4-CHLOROPHENYL PHENYL ETHER
54	C590 FLUORENE
55	C595 4-NITROANILINE
56	C610 4,6-DINITRO-2-METHYL PHENOL
57	C615 N-NITROSODIPHENYLAMINE
58	C625 4-BROMOPHENYL PHENYL ETHER
59	C630 HEXACHLOROBENZENE
60	C635 PENTACHLOROPHENOL
61	C640 PHENANTHRENE
62	C645 ANTHRACENE
63	C647 CARBAZOLE
64	C650 DI-N-BUTYL PHTHALATE
65	C655 FLUORANTHENE
66	C715 PYRENE
67	C720 BUTYLBENZYLPHTHALATE
68	C725 3,3' DICHLOROBENZIDINE
69	C730 BENZO (A) ANTHRACENE
70	C735 CHRYSENE
71	C740 BIS (2-ETHYLHEXYL) PHTHALATE
72	C760 DI-N-OCTYLPHTHALATE
73	C765 BENZO (B) FLUORANTHENE
74	C770 BENZO (K) FLUORANTHENE
75	C775 BENZO (A) PYRENE
76	C780 INDENO (1,2,3-CD) PYRENE
77	C785 DIBENZO (A,H) ANTHRACENE
78	C790 BENZO (G,H,I) PERYLENE
79	C705 N-NITROSODIMETHYLAMINE
80	C320 ANILINE
81	C710 BENZIDINE
82	C345 BENZYL ALCOHOL
83	C430 BENZOIC ACID
84	C620 1,2,DIPHENYLHYDRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
51	165	1087	18:07	3	1.050	A BB	13960.	50.000 NG	1.25
52	149	1142	19:02	3	1.103	A BB	52160.	50.000 NG	1.25
53	204	1147	19:07	3	1.108	A BB	25380.	50.000 NG	1.25
54	166	1138	18:58	3	1.100	A BB	52152.	50.000 NG	1.25
55	138	1158	19:18	3	1.119	A BB	13301.	50.000 NG	1.25
56	198	1163	19:23	4	0.889	A BB	7944.	50.000 NG	1.25
57	169	1173	19:33	4	0.897	A BB	37434.	50.000 NG	1.25
58	248	1236	20:36	4	0.945	A BB	13060.	50.000 NG	1.25
59	284	1238	20:38	4	0.946	A BB	12592.	50.000 NG	1.25

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
60	266	1281	21:21	4	0.979	A BB	7232.	50.000 NG	1.25
61	178	1313	21:53	4	1.004	A BV	72035.	50.000 NG	1.25
62	178	1323	22:03	4	1.011	A VB	68172.	50.000 NG	1.25
63	167	1361	22:41	4	1.041	A BB	64758.	50.000 NG	1.25
64	149	1447	24:07	4	1.106	A BB	92428.	50.000 NG	1.25
65	202	1533	25:33	4	1.172	A BB	76212.	50.000 NG	1.25
66	202	1573	26:13	5	0.873	A BB	81124.	50.000 NG	1.25
67	149	1723	28:43	5	0.956	A BB	47380.	50.000 NG	1.25
68	252	1807	30:07	5	1.003	A BB	25036.	50.000 NG	1.25
69	228	1800	30:00	5	0.999	A BV	74765.	50.000 NG	1.25
70	228	1808	30:08	5	1.003	A VB	70878.	50.000 NG	1.25
71	149	1841	30:41	5	1.022	A BB	68618.	50.000 NG	1.25
72	149	1957	32:37	6	0.955	A BB	119376.	50.000 NG	1.25
73	252	1988	33:08	6	0.970	A BV	67048.	50.000 NG	1.25
74	252	1994	33:14	6	0.973	A VB	67686.	50.000 NG	1.25
75	252	2039	33:59	6	0.995	A BB	59900.	50.000 NG	1.25
76	276	2212	36:52	6	1.080	A BV	49463.	50.000 NG	1.25
77	278	2219	36:59	6	1.083	A BB	47986.	50.000 NG	1.25
78	276	2256	37:36	6	1.101	A BB	51117.	50.000 NG	1.25
79	NOT FOUND								
80	93	449	7:29	1	0.903	A BB	37476.	50.000 NG	1.25
81	NOT FOUND								
82	108	533	8:53	1	1.072	A BB	17860.	50.000 NG	1.25
83	NOT FOUND								
84	77	1176	19:36	3	1.136	A BB	63931.	50.000 NG	1.25

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
51	18:07	1.00	1.050	1.00	50.00	50.00	0.340	0.340	1.00
52	19:02	1.00	1.103	1.00	50.00	50.00	1.271	1.271	1.00
53	19:07	1.00	1.108	1.00	50.00	50.00	0.618	0.618	1.00
54	18:58	1.00	1.100	1.00	50.00	50.00	1.270	1.270	1.00
55	19:18	1.00	1.119	1.00	50.00	50.00	0.324	0.324	1.00
56	19:23	1.00	0.889	1.00	50.00	50.00	0.123	0.123	1.00
57	19:33	1.00	0.897	1.00	50.00	50.00	0.577	0.577	1.00
58	20:36	1.00	0.945	1.00	50.00	50.00	0.201	0.201	1.00
59	20:38	1.00	0.946	1.00	50.00	50.00	0.194	0.194	1.00
60	21:21	1.00	0.979	1.00	50.00	50.00	0.112	0.112	1.00
61	21:53	1.00	1.004	1.00	50.00	50.00	1.111	1.111	1.00
62	22:03	1.00	1.011	1.00	50.00	50.00	1.051	1.051	1.00
63	22:41	1.00	1.041	1.00	50.00	50.00	0.999	0.999	1.00
64	24:07	1.00	1.106	1.00	50.00	50.00	1.425	1.425	1.00
65	25:33	1.00	1.172	1.00	50.00	50.00	1.175	1.175	1.00
66	26:13	1.00	0.873	1.00	50.00	50.00	1.319	1.319	1.00
67	28:43	1.00	0.956	1.00	50.00	50.00	0.770	0.770	1.00
68	30:07	1.00	1.003	1.00	50.00	50.00	0.407	0.407	1.00
69	30:00	1.00	0.999	1.00	50.00	50.00	1.216	1.216	1.00
70	30:08	1.00	1.003	1.00	50.00	50.00	1.153	1.153	1.00
71	30:41	1.00	1.022	1.00	50.00	50.00	1.116	1.116	1.00
72	32:37	1.00	0.955	1.00	50.00	50.00	2.395	2.395	1.00
73	33:08	1.00	0.970	1.00	50.00	50.00	1.345	1.345	1.00
74	33:14	1.00	0.973	1.00	50.00	50.00	1.358	1.358	1.00
75	33:59	1.00	0.995	1.00	50.00	50.00	1.202	1.202	1.00
76	36:52	1.00	1.080	1.00	50.00	50.00	0.992	0.992	1.00
77	36:59	1.00	1.083	1.00	50.00	50.00	0.963	0.963	1.00
78	37:36	1.00	1.101	1.00	50.00	50.00	1.026	1.026	1.00
79	2:28		0.295						

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
80	7:29	1.00	0.903	1.00	50.00	50.00	1.820	1.820	1.00
81	26:15		0.871						
82	8:53	1.00	1.072	1.00	50.00	50.00	0.868	0.868	1.00
83	12:02		0.992						
84	19:36	1.00	1.136	1.00	50.00	50.00	1.557	1.557	1.00

Quantitation Report File: 15306Z

Data: 15306Z.TI

08/28/93 22:04:00

Sample: SSTD080

Conds.: AUTOSAMPLR I50Z

Formula:

Instrument: I50Z

Weight: 0.000

Submitted by:

Analyst: SMW

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	CI30 1,4-DICHLOROBENZENE D4	INTERNAL STANDARD
2	CI40 NAPHTHALENE D8	INTERNAL STANDARD
3	CI50 ACENAPHTHENE D8	INTERNAL STANDARD
4	CI60 PHENANTHRENE D10	INTERNAL STANDARD
5	CI70 CHRYSENE D12	INTERNAL STANDARD
6	CI75 PERYLENE D12	INTERNAL STANDARD
7	CS75 1,2-DICHLOROBENZENE-D4	SURROGATE
8	CS20 NITROBENZENE D5	SURROGATE
9	CS25 2-FLUOROBIPHENYL	SURROGATE
10	CS30 TERPHENYL D14	SURROGATE
11	CS45 PHENOL D5	SURROGATE
12	CS50 2-FLUOROPHENOL	SURROGATE
13	CS70 2-CHLOROPHENOL-D4	SURROGATE
14	CS55 2,4,6-TRIBROMOPHENOL	SURROGATE
15	C315 PHENOL	
16	C325 BIS(2-CHLOROETHYL) ETHER	
17	C330 2-CHLOROPHENOL	
18	C335 1,3-DICHLOROBENZENE	
19	C340 1,4-DICHLOROBENZENE	
20	C350 1,2-DICHLOROBENZENE	
21	C355 2-METHYLPHENOL	
22	C360 2,2'-OXYBIS(1-CHLOROPROPANE)	
23	C365 4-METHYLPHENOL	
24	C370 N-NITROSO-DI-N-PROPYLAMINE	
25	C375 HEXACHLOROETHANE	
26	C410 NITROBENZENE	
27	C415 ISOPHORONE	
28	C420 2-NITROPHENOL	
29	C425 2,4-DIMETHYLPHENOL	
30	C435 BIS(2-CHLOROETHOXY)METHANE	
31	C440 2,4-DICHLOROPHENOL	
32	C445 1,2,4-TRICHLOROBENZENE	
33	C450 NAPHTHALENE	
34	C455 4-CHLOROANILINE	
35	C460 HEXACHLOROBUTADIENE	
36	C465 4-CHLORO-3-METHYLPHENOL	
37	C470 2-METHYLNAPHTHALENE	
38	C510 HEXACHLOROCYCLOPENTADIENE	
39	C515 2,4,6-TRICHLOROPHENOL	
40	C520 2,4,5-TRICHLOROPHENOL	
41	C525 2-CHLORONAPHTHALENE	
42	C530 2-NITROANILINE	
43	C535 DIMETHYL PHTHALATE	
44	C540 ACENAPHTHYLENE	
45	C542 2,6-DINITROTOLUENE	
46	C545 3-NITROANILINE	
47	C550 ACENAPHTHENE	

No Name
 48 C555 2,4-DINITROPHENOL
 49 C560 4-NITROPHENOL
 50 C565 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
1	152	497	8:17	1	1.000	A BB	15612.	40.000 NG	0.63
2	136	715	11:55	2	1.000	A BB	55184.	40.000 NG	0.63
3	164	1034	17:14	3	1.000	A BB	29628.	40.000 NG	0.63
4	188	1308	21:48	4	1.000	A BB	44256.	40.000 NG	0.63
5	240	1803	30:03	5	1.000	A BB	41648.	40.000 NG	0.63
6	264	2048	34:08	6	1.000	A BB	34627.	40.000 NG	0.63
7	152	521	8:41	1	1.048	A BB	27846.	80.000 NG	1.27
8	82	595	9:55	2	0.832	A BB	47841.	80.000 NG	1.27
9	172	921	15:21	3	0.891	A BB	65178.	80.000 NG	1.27
10	244	1618	26:58	5	0.897	A BB	71994.	80.000 NG	1.27
11	99	462	7:42	1	0.930	A BB	64476.	80.000 NG	1.27
12	112	307	5:07	1	0.618	A BB	51264.	80.000 NG	1.27
13	132	463	7:43	1	0.932	A BB	47854.	80.000 NG	1.27
14	330	1184	19:44	3	1.145	A BB	6894.	80.000 NG	1.27
15	94	464	7:44	1	0.934	A BB	66992.	80.000 NG	1.27
16	93	467	7:47	1	0.940	A BB	59902.	80.000 NG	1.27
17	128	466	7:46	1	0.938	A BB	52476.	80.000 NG	1.27
18	146	487	8:07	1	0.980	A BB	46826.	80.000 NG	1.27
19	146	500	8:20	1	1.006	A BB	48414.	80.000 NG	1.27
20	146	523	8:43	1	1.052	A BB	44630.	80.000 NG	1.27
21	108	559	9:19	1	1.125	A BB	45009.	80.000 NG	1.27
22	45	556	9:16	1	1.119	A BB	80474.	80.000 NG	1.27
23	108	589	9:49	1	1.185	A BB	44904.	80.000 NG	1.27
24	70	582	9:42	1	1.171	A BB	35105.	80.000 NG	1.27
25	117	577	9:37	1	1.161	A BB	18724.	80.000 NG	1.27
26	77	599	9:59	2	0.838	A VB	51210.	80.000 NG	1.27
27	82	646	10:46	2	0.903	A BB	91394.	80.000 NG	1.27
28	139	653	10:53	2	0.913	A BB	25776.	80.000 NG	1.27
29	107	679	11:19	2	0.950	A BB	38556.	80.000 NG	1.27
30	93	693	11:33	2	0.969	A BB	57146.	80.000 NG	1.27
31	162	701	11:41	2	0.980	A BB	33142.	80.000 NG	1.27
32	180	708	11:48	2	0.990	A BB	32992.	80.000 NG	1.27
33	128	719	11:59	2	1.006	A BB	111958.	80.000 NG	1.27
34	127	739	12:19	2	1.034	A BB	50036.	80.000 NG	1.27
35	225	747	12:27	2	1.045	A BB	15712.	80.000 NG	1.27
36	107	842	14:02	2	1.178	A BB	36870.	80.000 NG	1.27
37	142	846	14:06	2	1.183	A BB	110832.	80.000 NG	1.27
38	237	876	14:36	3	0.847	A BB	11264.	80.000 NG	1.27
39	196	906	15:06	3	0.876	A BV	20378.	80.000 NG	1.27
40	196	912	15:12	3	0.882	A VB	21760.	80.000 NG	1.27
41	162	934	15:34	3	0.903	A BB	62186.	80.000 NG	1.27
42	65	964	16:04	3	0.932	A BB	26306.	80.000 NG	1.27
43	163	1008	16:48	3	0.975	A BB	76416.	80.000 NG	1.27
44	152	1008	16:48	3	0.975	A BB	107673.	80.000 NG	1.27
45	165	1015	16:55	3	0.982	A VB	17064.	80.000 NG	1.27
46	138	1043	17:23	3	1.009	A BB	23088.	80.000 NG	1.27
47	153	1042	17:22	3	1.008	A BB	59972.	80.000 NG	1.27
48	184	1063	17:43	3	1.028	A BB	8604.	80.000 NG	1.27
49	109	1093	18:13	3	1.057	A BB	7672.	80.000 NG	1.27
50	168	1075	17:55	3	1.040	A BB	87992.	80.000 NG	1.27

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
1	8:17	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	11:55	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:14	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:48	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	30:03	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	34:08	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	8:41	1.00	1.048	1.00	80.00	80.00	0.892	0.892	1.00
8	9:55	1.00	0.832	1.00	80.00	80.00	0.433	0.433	1.00
9	15:21	1.00	0.891	1.00	80.00	80.00	1.100	1.100	1.00
10	26:58	1.00	0.897	1.00	80.00	80.00	0.864	0.864	1.00
11	7:42	1.00	0.930	1.00	80.00	80.00	2.065	2.065	1.00
12	5:07	1.00	0.618	1.00	80.00	80.00	1.642	1.642	1.00
13	7:43	1.00	0.932	1.00	80.00	80.00	1.533	1.533	1.00
14	19:44	1.00	1.145	1.00	80.00	80.00	0.116	0.116	1.00
15	7:44	1.00	0.934	1.00	80.00	80.00	2.146	2.146	1.00
16	7:47	1.00	0.940	1.00	80.00	80.00	1.918	1.918	1.00
17	7:46	1.00	0.938	1.00	80.00	80.00	1.681	1.681	1.00
18	8:07	1.00	0.980	1.00	80.00	80.00	1.500	1.500	1.00
19	8:20	1.00	1.006	1.00	80.00	80.00	1.551	1.551	1.00
20	8:43	1.00	1.052	1.00	80.00	80.00	1.429	1.429	1.00
21	9:19	1.00	1.125	1.00	80.00	80.00	1.441	1.441	1.00
22	9:16	1.00	1.119	1.00	80.00	80.00	2.577	2.577	1.00
23	9:49	1.00	1.185	1.00	80.00	80.00	1.438	1.438	1.00
24	9:42	1.00	1.171	1.00	80.00	80.00	1.124	1.124	1.00
25	9:37	1.00	1.161	1.00	80.00	80.00	0.600	0.600	1.00
26	9:59	1.00	0.838	1.00	80.00	80.00	0.464	0.464	1.00
27	10:46	1.00	0.903	1.00	80.00	80.00	0.828	0.828	1.00
28	10:53	1.00	0.913	1.00	80.00	80.00	0.234	0.234	1.00
29	11:19	1.00	0.950	1.00	80.00	80.00	0.349	0.349	1.00
30	11:33	1.00	0.969	1.00	80.00	80.00	0.518	0.518	1.00
31	11:41	1.00	0.980	1.00	80.00	80.00	0.300	0.300	1.00
32	11:48	1.00	0.990	1.00	80.00	80.00	0.299	0.299	1.00
33	11:59	1.00	1.006	1.00	80.00	80.00	1.014	1.014	1.00
34	12:19	1.00	1.034	1.00	80.00	80.00	0.453	0.453	1.00
35	12:27	1.00	1.045	1.00	80.00	80.00	0.142	0.142	1.00
36	14:02	1.00	1.178	1.00	80.00	80.00	0.334	0.334	1.00
37	14:06	1.00	1.183	1.00	80.00	80.00	1.004	1.004	1.00
38	14:36	1.00	0.847	1.00	80.00	80.00	0.190	0.190	1.00
39	15:06	1.00	0.876	1.00	80.00	80.00	0.344	0.344	1.00
40	15:12	1.00	0.882	1.00	80.00	80.00	0.367	0.367	1.00
41	15:34	1.00	0.903	1.00	80.00	80.00	1.049	1.049	1.00
42	16:04	1.00	0.932	1.00	80.00	80.00	0.444	0.444	1.00
43	16:48	1.00	0.975	1.00	80.00	80.00	1.290	1.290	1.00
44	16:48	1.00	0.975	1.00	80.00	80.00	1.817	1.817	1.00
45	16:55	1.00	0.982	1.00	80.00	80.00	0.288	0.288	1.00
46	17:23	1.00	1.009	1.00	80.00	80.00	0.390	0.390	1.00
47	17:22	1.00	1.008	1.00	80.00	80.00	1.012	1.012	1.00
48	17:43	1.00	1.028	1.00	80.00	80.00	0.145	0.145	1.00
49	18:13	1.00	1.057	1.00	80.00	80.00	0.129	0.129	1.00
50	17:55	1.00	1.040	1.00	80.00	80.00	1.485	1.485	1.00

Quantitation Report File: 15306Z

Data: 15306Z.TI

08/28/93 22:04:00

Sample: SSTD080

Conds.: AUTOSAMPLR I50Z

Formula:

Instrument: I50Z

Weight: 0.000

Submitted by:

Analyst: SMW

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 2,4-DINITROTOLUENE
52	C580 DIETHYL PHTHALATE
53	C585 4-CHLOROPHENYL PHENYL ETHER
54	C590 FLUORENE
55	C595 4-NITROANILINE
56	C610 4,6-DINITRO-2-METHYL PHENOL
57	C615 N-NITROSODIPHENYLAMINE
58	C625 4-BROMOPHENYL PHENYL ETHER
59	C630 HEXACHLOROBENZENE
60	C635 PENTACHLOROPHENOL
61	C640 PHENANTHRENE
62	C645 ANTHRACENE
63	C647 CARBAZOLE
64	C650 DI-N-BUTYL PHTHALATE
65	C655 FLUORANTHENE
66	C715 PYRENE
67	C720 BUTYLBENZYLPHTHALATE
68	C725 3,3' DICHLOROBENZIDINE
69	C730 BENZO (A) ANTHRACENE
70	C735 CHRYSENE
71	C740 BIS (2-ETHYLHEXYL) PHTHALATE
72	C760 DI-N-OCTYLPHTHALATE
73	C765 BENZO (B) FLUORANTHENE
74	C770 BENZO (K) FLUORANTHENE
75	C775 BENZO (A) PYRENE
76	C780 INDENO (1,2,3-CD) PYRENE
77	C785 DIBENZO (A, H) ANTHRACENE
78	C790 BENZO (G, H, I) PERYLENE
79	C705 N-NITROSODIMETHYLAMINE
80	C320 ANILINE
81	C710 BENZIDINE
82	C345 BENZYL ALCOHOL
83	C430 BENZOIC ACID
84	C620 1,2,DIPHENYLHYDRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
51	165	1088	18:08	3	1.052	A BB	19776.	80.000 NG	1.27
52	149	1143	19:03	3	1.105	A BB	72358.	80.000 NG	1.27
53	204	1147	19:07	3	1.109	A BB	35902.	80.000 NG	1.27
54	166	1138	18:58	3	1.101	A BB	69830.	80.000 NG	1.27
55	138	1162	19:22	3	1.124	A BB	19472.	80.000 NG	1.27
56	198	1165	19:25	4	0.891	A BB	12212.	80.000 NG	1.27
57	169	1174	19:34	4	0.898	A BB	55760.	80.000 NG	1.27
58	248	1236	20:36	4	0.945	A BB	17008.	80.000 NG	1.27
59	284	1238	20:38	4	0.946	A BB	17080.	80.000 NG	1.27

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
60	266	1281	21:21	4	0.979	A BB	10066.	80.000 NG	1.27
61	178	1314	21:54	4	1.005	A BV	92496.	80.000 NG	1.27
62	178	1324	22:04	4	1.012	A VB	99315.	80.000 NG	1.27
63	167	1362	22:42	4	1.041	A BB	91461.	80.000 NG	1.27
64	149	1448	24:08	4	1.107	A BB	127182.	80.000 NG	1.27
65	202	1534	25:34	4	1.173	A BB	97890.	80.000 NG	1.27
66	202	1573	26:13	5	0.872	A BB	103888.	80.000 NG	1.27
67	149	1723	28:43	5	0.956	A BB	61830.	80.000 NG	1.27
68	252	1808	30:08	5	1.003	A BB	34322.	80.000 NG	1.27
69	228	1800	30:00	5	0.998	A BV	93302.	80.000 NG	1.27
70	228	1809	30:09	5	1.003	A VB	89089.	80.000 NG	1.27
71	149	1841	30:41	5	1.021	A BB	85996.	80.000 NG	1.27
72	149	1958	32:38	6	0.956	A BB	149870.	80.000 NG	1.27
73	252	1989	33:09	6	0.971	A BV	90424.	80.000 NG	1.27
74	252	1996	33:16	6	0.975	A VB	83696.	80.000 NG	1.27
75	252	2041	34:01	6	0.997	A BV	79975.	80.000 NG	1.27
76	276	2213	36:53	6	1.081	A BV	60491.	80.000 NG	1.27
77	278	2220	37:00	6	1.084	A BB	60180.	80.000 NG	1.27
78	276	2258	37:38	6	1.103	A BB	59869.	80.000 NG	1.27
79	NOT FOUND								
80	93	450	7:30	1	0.905	A BB	71501.	80.000 NG	1.27
81	184	1570	26:10	5	0.871	A BB	4562.	80.000 NG	1.27
82	108	534	8:54	1	1.074	A BB	27194.	80.000 NG	1.27
83	NOT FOUND								
84	77	1177	19:37	3	1.138	A BB	98626.	80.000 NG	1.27

No	Ret (L)	Ratio	RRT (L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac (L)	Ratio
51	18:08	1.00	1.052	1.00	80.00	80.00	0.334	0.334	1.00
52	19:03	1.00	1.105	1.00	80.00	80.00	1.221	1.221	1.00
53	19:07	1.00	1.109	1.00	80.00	80.00	0.606	0.606	1.00
54	18:58	1.00	1.101	1.00	80.00	80.00	1.178	1.178	1.00
55	19:22	1.00	1.124	1.00	80.00	80.00	0.329	0.329	1.00
56	19:25	1.00	0.891	1.00	80.00	80.00	0.138	0.138	1.00
57	19:34	1.00	0.898	1.00	80.00	80.00	0.630	0.630	1.00
58	20:36	1.00	0.945	1.00	80.00	80.00	0.192	0.192	1.00
59	20:38	1.00	0.946	1.00	80.00	80.00	0.193	0.193	1.00
60	21:21	1.00	0.979	1.00	80.00	80.00	0.114	0.114	1.00
61	21:54	1.00	1.005	1.00	80.00	80.00	1.045	1.045	1.00
62	22:04	1.00	1.012	1.00	80.00	80.00	1.122	1.122	1.00
63	22:42	1.00	1.041	1.00	80.00	80.00	1.033	1.033	1.00
64	24:08	1.00	1.107	1.00	80.00	80.00	1.437	1.437	1.00
65	25:34	1.00	1.173	1.00	80.00	80.00	1.106	1.106	1.00
66	26:13	1.00	0.872	1.00	80.00	80.00	1.247	1.247	1.00
67	28:43	1.00	0.956	1.00	80.00	80.00	0.742	0.742	1.00
68	30:08	1.00	1.003	1.00	80.00	80.00	0.412	0.412	1.00
69	30:00	1.00	0.998	1.00	80.00	80.00	1.120	1.120	1.00
70	30:09	1.00	1.003	1.00	80.00	80.00	1.070	1.070	1.00
71	30:41	1.00	1.021	1.00	80.00	80.00	1.032	1.032	1.00
72	32:38	1.00	0.956	1.00	80.00	80.00	2.164	2.164	1.00
73	33:09	1.00	0.971	1.00	80.00	80.00	1.306	1.306	1.00
74	33:16	1.00	0.975	1.00	80.00	80.00	1.209	1.209	1.00
75	34:01	1.00	0.997	1.00	80.00	80.00	1.155	1.155	1.00
76	36:53	1.00	1.081	1.00	80.00	80.00	0.873	0.873	1.00
77	37:00	1.00	1.084	1.00	80.00	80.00	0.869	0.869	1.00
78	37:38	1.00	1.103	1.00	80.00	80.00	0.864	0.864	1.00
79	2:28		0.295						

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
80	7:30	1.00	0.905	1.00	80.00	80.00	2.290	2.290	1.00
81	26:10	1.00	0.871	1.00	80.00	80.00	0.055	0.055	1.00
82	8:54	1.00	1.074	1.00	80.00	80.00	0.871	0.871	1.00
83	12:02		0.992						
84	19:37	1.00	1.138	1.00	80.00	80.00	1.664	1.664	1.00

Quantitation Report File: 15307Z

Data: 15307Z.TI

08/28/93 22:52:00

Sample: SSTD120

Conds.: AUTOSAMPLR I50Z

Formula:

Instrument: I50Z

Weight: 0.000

Submitted by:

Analyst: SMW

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	CI30 1,4-DICHLOROBENZENE D4	INTERNAL STANDARD
2	CI40 NAPHTHALENE D8	INTERNAL STANDARD
3	CI50 ACENAPHTHENE D8	INTERNAL STANDARD
4	CI60 PHENANTHRENE D10	INTERNAL STANDARD
5	CI70 CHRYSENE D12	INTERNAL STANDARD
6	CI75 PERYLENE D12	INTERNAL STANDARD
7	CS75 1,2-DICHLOROBENZENE-D4	SURROGATE
8	CS20 NITROBENZENE D5	SURROGATE
9	CS25 2-FLUOROBIPHENYL	SURROGATE
10	CS30 TERPHENYL D14	SURROGATE
11	CS45 PHENOL D5	SURROGATE
12	CS50 2-FLUOROPHENOL	SURROGATE
13	CS70 2-CHLOROPHENOL-D4	SURROGATE
14	CS55 2,4,6-TRIBROMOPHENOL	SURROGATE
15	C315 PHENOL	
16	C325 BIS(2-CHLOROETHYL) ETHER	
17	C330 2-CHLOROPHENOL	
18	C335 1,3-DICHLOROBENZENE	
19	C340 1,4-DICHLOROBENZENE	
20	C350 1,2-DICHLOROBENZENE	
21	C355 2-METHYLPHENOL	
22	C360 2,2'-OXYBIS(1-CHLOROPROPANE)	
23	C365 4-METHYLPHENOL	
24	C370 N-NITROSO-DI-N-PROPYLAMINE	
25	C375 HEXACHLOROETHANE	
26	C410 NITROBENZENE	
27	C415 ISOPHORONE	
28	C420 2-NITROPHENOL	
29	C425 2,4-DIMETHYLPHENOL	
30	C435 BIS(2-CHLOROETHOXY) METHANE	
31	C440 2,4-DICHLOROPHENOL	
32	C445 1,2,4-TRICHLOROBENZENE	
33	C450 NAPHTHALENE	
34	C455 4-CHLOROANILINE	
35	C460 HEXACHLOROBUTADIENE	
36	C465 4-CHLORO-3-METHYLPHENOL	
37	C470 2-METHYLNAPHTHALENE	
38	C510 HEXACHLOROCYCLOPENTADIENE	
39	C515 2,4,6-TRICHLOROPHENOL	
40	C520 2,4,5-TRICHLOROPHENOL	
41	C525 2-CHLORONAPHTHALENE	
42	C530 2-NITROANILINE	
43	C535 DIMETHYL PHTHALATE	
44	C540 ACENAPHTHYLENE	
45	C542 2,6-DINITROTOLUENE	
46	C545 3-NITROANILINE	
47	C550 ACENAPHTHENE	

No Name
 48 C555 2,4-DINITROPHENOL
 49 C560 4-NITROPHENOL
 50 C565 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
1	152	498	8:18	1	1.000	A BB	14650.	40.000 NG	0.43
2	136	716	11:56	2	1.000	A BB	52130.	40.000 NG	0.43
3	164	1035	17:15	3	1.000	A BB	27640.	40.000 NG	0.43
4	188	1309	21:49	4	1.000	A BB	42288.	40.000 NG	0.43
5	240	1804	30:04	5	1.000	A BB	40080.	40.000 NG	0.43
6	264	2049	34:09	6	1.000	A BB	32722.	40.000 NG	0.43
7	152	522	8:42	1	1.048	A BB	39774.	120.000 NG	1.28
8	82	597	9:57	2	0.834	A BB	70401.	120.000 NG	1.28
9	172	922	15:22	3	0.891	A BB	95972.	120.000 NG	1.28
10	244	1619	26:59	5	0.897	A BB	103948.	120.000 NG	1.28
11	99	464	7:44	1	0.932	A BB	92400.	120.000 NG	1.28
12	112	308	5:08	1	0.618	A BB	70732.	120.000 NG	1.28
13	132	465	7:45	1	0.934	A BB	67932.	120.000 NG	1.28
14	330	1186	19:46	3	1.146	A BB	10416.	120.000 NG	1.28
15	94	467	7:47	1	0.938	A BB	105864.	120.000 NG	1.28
16	93	469	7:49	1	0.942	A BB	84742.	120.000 NG	1.28
17	128	468	7:48	1	0.940	A BB	74608.	120.000 NG	1.28
18	146	488	8:08	1	0.980	A BB	65790.	120.000 NG	1.28
19	146	501	8:21	1	1.006	A BB	68326.	120.000 NG	1.28
20	146	524	8:44	1	1.052	A BB	64456.	120.000 NG	1.28
21	108	561	9:21	1	1.127	A BB	64066.	120.000 NG	1.28
22	45	557	9:17	1	1.118	A BB	116200.	120.000 NG	1.28
23	108	592	9:52	1	1.189	A BB	68086.	120.000 NG	1.28
24	70	585	9:45	1	1.175	A BV	52796.	120.000 NG	1.28
25	117	577	9:37	1	1.159	A BB	27680.	120.000 NG	1.28
26	77	600	10:00	2	0.838	A VB	75489.	120.000 NG	1.28
27	82	649	10:49	2	0.906	M XX	134872.	120.000 NG	1.28
28	139	654	10:54	2	0.913	A BB	35988.	120.000 NG	1.28
29	107	682	11:22	2	0.953	A BB	57364.	120.000 NG	1.28
30	93	694	11:34	2	0.969	A BB	87500.	120.000 NG	1.28
31	162	703	11:43	2	0.982	A BB	47972.	120.000 NG	1.28
32	180	709	11:49	2	0.990	A BB	47408.	120.000 NG	1.28
33	128	720	12:00	2	1.006	A BB	158774.	120.000 NG	1.28
34	127	741	12:21	2	1.035	A BB	80072.	120.000 NG	1.28
35	225	747	12:27	2	1.043	A BB	22788.	120.000 NG	1.28
36	107	843	14:03	2	1.177	A BB	56488.	120.000 NG	1.28
37	142	847	14:07	2	1.183	A BB	160946.	120.000 NG	1.28
38	237	876	14:36	3	0.846	A BB	18204.	120.000 NG	1.28
39	196	907	15:07	3	0.876	A BV	30295.	120.000 NG	1.28
40	196	913	15:13	3	0.882	A VB	32626.	120.000 NG	1.28
41	162	935	15:35	3	0.903	A BB	88758.	120.000 NG	1.28
42	65	966	16:06	3	0.933	A BB	41254.	120.000 NG	1.28
43	163	1008	16:48	3	0.974	A BB	110203.	120.000 NG	1.28
44	152	1009	16:49	3	0.975	A BB	147779.	120.000 NG	1.28
45	165	1018	16:58	3	0.984	A VB	26752.	120.000 NG	1.28
46	138	1045	17:25	3	1.010	A BB	33422.	120.000 NG	1.28
47	153	1043	17:23	3	1.008	A BB	81688.	120.000 NG	1.28
48	184	1066	17:46	3	1.030	A BB	15554.	120.000 NG	1.28
49	109	1096	18:16	3	1.059	A BB	12960.	120.000 NG	1.28
50	168	1076	17:56	3	1.040	A BB	135274.	120.000 NG	1.28

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
1	8:18	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	11:56	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:15	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:49	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	30:04	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	34:09	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	8:42	1.00	1.048	1.00	120.00	120.00	0.905	0.905	1.00
8	9:57	1.00	0.834	1.00	120.00	120.00	0.450	0.450	1.00
9	15:22	1.00	0.891	1.00	120.00	120.00	1.157	1.157	1.00
10	26:59	1.00	0.897	1.00	120.00	120.00	0.865	0.865	1.00
11	7:44	1.00	0.932	1.00	120.00	120.00	2.102	2.102	1.00
12	5:08	1.00	0.618	1.00	120.00	120.00	1.609	1.609	1.00
13	7:45	1.00	0.934	1.00	120.00	120.00	1.546	1.546	1.00
14	19:46	1.00	1.146	1.00	120.00	120.00	0.126	0.126	1.00
15	7:47	1.00	0.938	1.00	120.00	120.00	2.409	2.409	1.00
16	7:49	1.00	0.942	1.00	120.00	120.00	1.928	1.928	1.00
17	7:48	1.00	0.940	1.00	120.00	120.00	1.698	1.698	1.00
18	8:08	1.00	0.980	1.00	120.00	120.00	1.497	1.497	1.00
19	8:21	1.00	1.006	1.00	120.00	120.00	1.555	1.555	1.00
20	8:44	1.00	1.052	1.00	120.00	120.00	1.467	1.467	1.00
21	9:21	1.00	1.127	1.00	120.00	120.00	1.458	1.458	1.00
22	9:17	1.00	1.118	1.00	120.00	120.00	2.644	2.644	1.00
23	9:52	1.00	1.189	1.00	120.00	120.00	1.549	1.549	1.00
24	9:45	1.00	1.175	1.00	120.00	120.00	1.201	1.201	1.00
25	9:37	1.00	1.159	1.00	120.00	120.00	0.630	0.630	1.00
26	10:00	1.00	0.838	1.00	120.00	120.00	0.483	0.483	1.00
27	10:49	1.00	0.906	1.00	120.00	120.00	0.862	0.862	1.00
28	10:54	1.00	0.913	1.00	120.00	120.00	0.230	0.230	1.00
29	11:22	1.00	0.953	1.00	120.00	120.00	0.367	0.367	1.00
30	11:34	1.00	0.969	1.00	120.00	120.00	0.559	0.559	1.00
31	11:43	1.00	0.982	1.00	120.00	120.00	0.307	0.307	1.00
32	11:49	1.00	0.990	1.00	120.00	120.00	0.303	0.303	1.00
33	12:00	1.00	1.006	1.00	120.00	120.00	1.015	1.015	1.00
34	12:21	1.00	1.035	1.00	120.00	120.00	0.512	0.512	1.00
35	12:27	1.00	1.043	1.00	120.00	120.00	0.146	0.146	1.00
36	14:03	1.00	1.177	1.00	120.00	120.00	0.361	0.361	1.00
37	14:07	1.00	1.183	1.00	120.00	120.00	1.029	1.029	1.00
38	14:36	1.00	0.846	1.00	120.00	120.00	0.220	0.220	1.00
39	15:07	1.00	0.876	1.00	120.00	120.00	0.365	0.365	1.00
40	15:13	1.00	0.882	1.00	120.00	120.00	0.393	0.393	1.00
41	15:35	1.00	0.903	1.00	120.00	120.00	1.070	1.070	1.00
42	16:06	1.00	0.933	1.00	120.00	120.00	0.498	0.498	1.00
43	16:48	1.00	0.974	1.00	120.00	120.00	1.329	1.329	1.00
44	16:49	1.00	0.975	1.00	120.00	120.00	1.782	1.782	1.00
45	16:58	1.00	0.984	1.00	120.00	120.00	0.323	0.323	1.00
46	17:25	1.00	1.010	1.00	120.00	120.00	0.403	0.403	1.00
47	17:23	1.00	1.008	1.00	120.00	120.00	0.985	0.985	1.00
48	17:46	1.00	1.030	1.00	120.00	120.00	0.188	0.188	1.00
49	18:16	1.00	1.059	1.00	120.00	120.00	0.156	0.156	1.00
50	17:56	1.00	1.040	1.00	120.00	120.00	1.631	1.631	1.00

Quantitation Report File: 15307Z

Data: 15307Z.TI

08/28/93 22:52:00

Sample: SSTD120

Conds.: AUTOSAMPLR I50Z

Formula:

Submitted by:

Instrument: I50Z

Analyst: SMW

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 2,4-DINITROTOLUENE
52	C580 DIETHYL PHTHALATE
53	C585 4-CHLOROPHENYL PHENYL ETHER
54	C590 FLUORENE
55	C595 4-NITROANILINE
56	C610 4,6-DINITRO-2-METHYL PHENOL
57	C615 N-NITROSODIPHENYLAMINE
58	C625 4-BROMOPHENYL PHENYL ETHER
59	C630 HEXACHLOROBENZENE
60	C635 PENTACHLOROPHENOL
61	C640 PHENANTHRENE
62	C645 ANTHRACENE
63	C647 CARBAZOLE
64	C650 DI-N-BUTYL PHTHALATE
65	C655 FLUORANTHENE
66	C715 PYRENE
67	C720 BUTYLBENZYLPHTHALATE
68	C725 3,3' DICHLOROBENZIDINE
69	C730 BENZO (A) ANTHRACENE
70	C735 CHRYSENE
71	C740 BIS (2-ETHYLHEXYL) PHTHALATE
72	C760 DI-N-OCTYLPHTHALATE
73	C765 BENZO (B) FLUORANTHENE
74	C770 BENZO (K) FLUORANTHENE
75	C775 BENZO (A) PYRENE
76	C780 INDENO (1,2,3-CD) PYRENE
77	C785 DIBENZO (A,H) ANTHRACENE
78	C790 BENZO (G,H,I) PERYLENE
79	C705 N-NITROSODIMETHYLAMINE
80	C320 ANILINE
81	C710 BENZIDINE
82	C345 BENZYL ALCOHOL
83	C430 BENZOIC ACID
84	C620 1,2,DIPHENYLHYDRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
51	165	1090	18:10	3	1.053	A BB	31220.	120.000 NG	1.28
52	149	1145	19:05	3	1.106	A BB	109500.	120.000 NG	1.28
53	204	1148	19:08	3	1.109	A BB	54086.	120.000 NG	1.28
54	166	1139	18:59	3	1.100	A BB	106312.	120.000 NG	1.28
55	138	1167	19:27	3	1.128	A BB	29945.	120.000 NG	1.28
56	198	1169	19:29	4	0.893	A BB	18646.	120.000 NG	1.28
57	169	1177	19:37	4	0.899	A BB	79490.	120.000 NG	1.28
58	248	1237	20:37	4	0.945	A BB	26642.	120.000 NG	1.28
59	284	1239	20:39	4	0.947	A BB	26032.	120.000 NG	1.28

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
60	266	1282	21:22	4	0.979	A BB	16300.	120.000 NG	1.28
61	178	1315	21:55	4	1.005	A BV	135259.	120.000 NG	1.28
62	178	1325	22:05	4	1.012	A VB	132043.	120.000 NG	1.28
63	167	1363	22:43	4	1.041	A BB	126685.	120.000 NG	1.28
64	149	1449	24:09	4	1.107	A BB	185590.	120.000 NG	1.28
65	202	1535	25:35	4	1.173	A BB	135669.	120.000 NG	1.28
66	202	1575	26:15	5	0.873	A BB	147310.	120.000 NG	1.28
67	149	1724	28:44	5	0.956	A BB	92954.	120.000 NG	1.28
68	252	1810	30:10	5	1.003	A BB	47676.	120.000 NG	1.28
69	228	1802	30:02	5	0.999	A BV	132221.	120.000 NG	1.28
70	228	1811	30:11	5	1.004	A VB	122508.	120.000 NG	1.28
71	149	1842	30:42	5	1.021	A BB	128028.	120.000 NG	1.28
72	149	1960	32:40	6	0.957	A BB	203114.	120.000 NG	1.28
73	252	1992	33:12	6	0.972	M XX	119993.	120.000 NG	1.28
74	252	1998	33:18	6	0.975	M XX	141053.	120.000 NG	1.28
75	252	2043	34:03	6	0.997	A BB	113553.	120.000 NG	1.28
76	276	2215	36:55	6	1.081	A BV	89311.	120.000 NG	1.28
77	278	2223	37:03	6	1.085	A BB	86282.	120.000 NG	1.28
78	276	2261	37:41	6	1.103	A BB	83465.	120.000 NG	1.28
79	NOT FOUND								
80	93	452	7:32	1	0.908	A BB	107194.	120.000 NG	1.28
81	184	1571	26:11	5	0.871	A BB	13898.	120.000 NG	1.28
82	108	537	8:57	1	1.078	A BB	39932.	120.000 NG	1.28
83	NOT FOUND								
84	77	1178	19:38	3	1.138	A VB	144888.	120.000 NG	1.28

No	Ret (L)	Ratio	RRT (L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac (L)	Ratio
51	18:10	1.00	1.053	1.00	120.00	120.00	0.377	0.377	1.00
52	19:05	1.00	1.106	1.00	120.00	120.00	1.321	1.321	1.00
53	19:08	1.00	1.109	1.00	120.00	120.00	0.652	0.652	1.00
54	18:59	1.00	1.100	1.00	120.00	120.00	1.282	1.282	1.00
55	19:27	1.00	1.128	1.00	120.00	120.00	0.361	0.361	1.00
56	19:29	1.00	0.893	1.00	120.00	120.00	0.147	0.147	1.00
57	19:37	1.00	0.899	1.00	120.00	120.00	0.627	0.627	1.00
58	20:37	1.00	0.945	1.00	120.00	120.00	0.210	0.210	1.00
59	20:39	1.00	0.947	1.00	120.00	120.00	0.205	0.205	1.00
60	21:22	1.00	0.979	1.00	120.00	120.00	0.128	0.128	1.00
61	21:55	1.00	1.005	1.00	120.00	120.00	1.066	1.066	1.00
62	22:05	1.00	1.012	1.00	120.00	120.00	1.041	1.041	1.00
63	22:43	1.00	1.041	1.00	120.00	120.00	0.999	0.999	1.00
64	24:09	1.00	1.107	1.00	120.00	120.00	1.463	1.463	1.00
65	25:35	1.00	1.173	1.00	120.00	120.00	1.069	1.069	1.00
66	26:15	1.00	0.873	1.00	120.00	120.00	1.225	1.225	1.00
67	28:44	1.00	0.956	1.00	120.00	120.00	0.773	0.773	1.00
68	30:10	1.00	1.003	1.00	120.00	120.00	0.397	0.397	1.00
69	30:02	1.00	0.999	1.00	120.00	120.00	1.100	1.100	1.00
70	30:11	1.00	1.004	1.00	120.00	120.00	1.019	1.019	1.00
71	30:42	1.00	1.021	1.00	120.00	120.00	1.065	1.065	1.00
72	32:40	1.00	0.957	1.00	120.00	120.00	2.069	2.069	1.00
73	33:12	1.00	0.972	1.00	120.00	120.00	1.222	1.222	1.00
74	33:18	1.00	0.975	1.00	120.00	120.00	1.437	1.437	1.00
75	34:03	1.00	0.997	1.00	120.00	120.00	1.157	1.157	1.00
76	36:55	1.00	1.081	1.00	120.00	120.00	0.910	0.910	1.00
77	37:03	1.00	1.085	1.00	120.00	120.00	0.879	0.879	1.00
78	37:41	1.00	1.103	1.00	120.00	120.00	0.850	0.850	1.00
79	2:28		0.295						

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
80	7:32	1.00	0.908	1.00	120.00	120.00	2.439	2.439	1.00
81	26:11	1.00	0.871	1.00	120.00	120.00	0.116	0.116	1.00
82	8:57	1.00	1.078	1.00	120.00	120.00	0.909	0.909	1.00
83	12:02		0.992						
84	19:38	1.00	1.138	1.00	120.00	120.00	1.747	1.747	1.00

Quantitation Report File: 15308Z

Data: 15308Z.TI
08/28/93 23:39:00

Sample: SSTD160

Conds.: AUTOSAMPLR I50Z

Formula:

Instrument: I50Z

Weight: 0.000

Submitted by:

Analyst: SMW

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name	
1	CI30 1,4-DICHLOROBENZENE D4	INTERNAL STANDARD
2	CI40 NAPHTHALENE D8	INTERNAL STANDARD
3	CI50 ACENAPHTHENE D8	INTERNAL STANDARD
4	CI60 PHENANTHRENE D10	INTERNAL STANDARD
5	CI70 CHRYSENE D12	INTERNAL STANDARD
6	CI75 PERYLENE D12	INTERNAL STANDARD
7	CS75 1,2-DICHLOROBENZENE-D4	SURROGATE
8	CS20 NITROBENZENE D5	SURROGATE
9	CS25 2-FLUOROBIPHENYL	SURROGATE
10	CS30 TERPHENYL D14	SURROGATE
11	CS45 PHENOL D5	SURROGATE
12	CS50 2-FLUOROPHENOL	SURROGATE
13	CS70 2-CHLOROPHENOL-D4	SURROGATE
14	CS55 2,4,6-TRIBROMOPHENOL	SURROGATE
15	C315 PHENOL	
16	C325 BIS(2-CHLOROETHYL) ETHER	
17	C330 2-CHLOROPHENOL	
18	C335 1,3-DICHLOROBENZENE	
19	C340 1,4-DICHLOROBENZENE	
20	C350 1,2-DICHLOROBENZENE	
21	C355 2-METHYLPHENOL	
22	C360 2,2'-OXYBIS(1-CHLOROPROPANE)	
23	C365 4-METHYLPHENOL	
24	C370 N-NITROSO-DI-N-PROPYLAMINE	
25	C375 HEXACHLOROETHANE	
26	C410 NITROBENZENE	
27	C415 ISOPHORONE	
28	C420 2-NITROPHENOL	
29	C425 2,4-DIMETHYLPHENOL	
30	C435 BIS(2-CHLOROETHOXY)METHANE	
31	C440 2,4-DICHLOROPHENOL	
32	C445 1,2,4-TRICHLOROBENZENE	
33	C450 NAPHTHALENE	
34	C455 4-CHLOROANILINE	
35	C460 HEXACHLOROBUTADIENE	
36	C465 4-CHLORO-3-METHYLPHENOL	
37	C470 2-METHYLNAPHTHALENE	
38	C510 HEXACHLOROCYCLOPENTADIENE	
39	C515 2,4,6-TRICHLOROPHENOL	
40	C520 2,4,5-TRICHLOROPHENOL	
41	C525 2-CHLORONAPHTHALENE	
42	C530 2-NITROANILINE	
43	C535 DIMETHYL PHTHALATE	
44	C540 ACENAPHTHYLENE	
45	C542 2,6-DINITROTOLUENE	
46	C545 3-NITROANILINE	
47	C550 ACENAPHTHENE	

No Name
 48 C555 2,4-DINITROPHENOL
 49 C560 4-NITROPHENOL
 50 C565 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
1	152	499	8:19	1	1.000	A BB	16894.	40.000 NG	0.32
2	136	717	11:57	2	1.000	A BB	60948.	40.000 NG	0.32
3	164	1036	17:16	3	1.000	A BB	32642.	40.000 NG	0.32
4	188	1311	21:51	4	1.000	A BB	49950.	40.000 NG	0.32
5	240	1805	30:05	5	1.000	A BB	45610.	40.000 NG	0.32
6	264	2051	34:11	6	1.000	A BB	34548.	40.000 NG	0.32
7	152	523	8:43	1	1.048	A BB	54162.	160.000 NG	1.29
8	82	599	9:59	2	0.835	A BB	100015.	160.000 NG	1.29
9	172	924	15:24	3	0.892	A BB	127568.	160.000 NG	1.29
10	244	1621	27:01	5	0.898	A BB	135996.	160.000 NG	1.29
11	99	467	7:47	1	0.936	A BB	122816.	160.000 NG	1.29
12	112	309	5:09	1	0.619	A BB	104420.	160.000 NG	1.29
13	132	466	7:46	1	0.934	A BB	93010.	160.000 NG	1.29
14	330	1188	19:48	3	1.147	A BB	15016.	160.000 NG	1.29
15	94	469	7:49	1	0.940	A BB	115903.	160.000 NG	1.29
16	93	472	7:52	1	0.946	A BB	111279.	160.000 NG	1.29
17	128	470	7:50	1	0.942	A BB	101092.	160.000 NG	1.29
18	146	489	8:09	1	0.980	A BB	88500.	160.000 NG	1.29
19	146	503	8:23	1	1.008	A BB	94880.	160.000 NG	1.29
20	146	526	8:46	1	1.054	A BB	84416.	160.000 NG	1.29
21	108	563	9:23	1	1.128	A BB	87458.	160.000 NG	1.29
22	45	558	9:18	1	1.118	A BB	159202.	160.000 NG	1.29
23	108	594	9:54	1	1.190	A BB	92060.	160.000 NG	1.29
24	70	588	9:48	1	1.178	A BV	69990.	160.000 NG	1.29
25	117	578	9:38	1	1.158	A BB	38242.	160.000 NG	1.29
26	77	603	10:03	2	0.841	A VB	98735.	160.000 NG	1.29
27	82	653	10:53	2	0.911	M XX	182629.	160.000 NG	1.29
28	139	655	10:55	2	0.914	A BB	56058.	160.000 NG	1.29
29	107	685	11:25	2	0.955	A BB	81655.	160.000 NG	1.29
30	93	697	11:37	2	0.972	A BB	125494.	160.000 NG	1.29
31	162	705	11:45	2	0.983	A BB	69510.	160.000 NG	1.29
32	180	710	11:50	2	0.990	A BB	66000.	160.000 NG	1.29
33	128	722	12:02	2	1.007	A BB	213840.	160.000 NG	1.29
34	127	741	12:21	2	1.033	A BB	108511.	160.000 NG	1.29
35	225	748	12:28	2	1.043	A BB	30708.	160.000 NG	1.29
36	107	844	14:04	2	1.177	A BB	78481.	160.000 NG	1.29
37	142	849	14:09	2	1.184	A BB	217381.	160.000 NG	1.29
38	237	877	14:37	3	0.847	A BB	23514.	160.000 NG	1.29
39	196	909	15:09	3	0.877	A BV	45173.	160.000 NG	1.29
40	196	915	15:15	3	0.883	A VB	44589.	160.000 NG	1.29
41	162	937	15:37	3	0.904	A BB	130798.	160.000 NG	1.29
42	65	968	16:08	3	0.934	A BB	56408.	160.000 NG	1.29
43	163	1009	16:49	3	0.974	A BB	150675.	160.000 NG	1.29
44	152	1010	16:50	3	0.975	A BB	187380.	160.000 NG	1.29
45	165	1020	17:00	3	0.985	A VB	36938.	160.000 NG	1.29
46	138	1048	17:28	3	1.012	A BB	46702.	160.000 NG	1.29
47	153	1045	17:25	3	1.009	A BB	114934.	160.000 NG	1.29
48	184	1069	17:49	3	1.032	A BB	23446.	160.000 NG	1.29
49	109	1099	18:19	3	1.061	A BB	18960.	160.000 NG	1.29
50	168	1078	17:58	3	1.041	A BB	169314.	160.000 NG	1.29

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
1	8:19	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	11:57	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:16	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:51	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	30:05	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	34:11	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	8:43	1.00	1.048	1.00	160.00	160.00	0.801	0.801	1.00
8	9:59	1.00	0.835	1.00	160.00	160.00	0.410	0.410	1.00
9	15:24	1.00	0.892	1.00	160.00	160.00	0.977	0.977	1.00
10	27:01	1.00	0.898	1.00	160.00	160.00	0.745	0.745	1.00
11	7:47	1.00	0.936	1.00	160.00	160.00	1.817	1.817	1.00
12	5:09	1.00	0.619	1.00	160.00	160.00	1.545	1.545	1.00
13	7:46	1.00	0.934	1.00	160.00	160.00	1.376	1.376	1.00
14	19:48	1.00	1.147	1.00	160.00	160.00	0.115	0.115	1.00
15	7:49	1.00	0.940	1.00	160.00	160.00	1.715	1.715	1.00
16	7:52	1.00	0.946	1.00	160.00	160.00	1.647	1.647	1.00
17	7:50	1.00	0.942	1.00	160.00	160.00	1.496	1.496	1.00
18	8:09	1.00	0.980	1.00	160.00	160.00	1.310	1.310	1.00
19	8:23	1.00	1.008	1.00	160.00	160.00	1.404	1.404	1.00
20	8:46	1.00	1.054	1.00	160.00	160.00	1.249	1.249	1.00
21	9:23	1.00	1.128	1.00	160.00	160.00	1.294	1.294	1.00
22	9:18	1.00	1.118	1.00	160.00	160.00	2.356	2.356	1.00
23	9:54	1.00	1.190	1.00	160.00	160.00	1.362	1.362	1.00
24	9:48	1.00	1.178	1.00	160.00	160.00	1.036	1.036	1.00
25	9:38	1.00	1.158	1.00	160.00	160.00	0.566	0.566	1.00
26	10:03	1.00	0.841	1.00	160.00	160.00	0.405	0.405	1.00
27	10:53	1.00	0.911	1.00	160.00	160.00	0.749	0.749	1.00
28	10:55	1.00	0.914	1.00	160.00	160.00	0.230	0.230	1.00
29	11:25	1.00	0.955	1.00	160.00	160.00	0.335	0.335	1.00
30	11:37	1.00	0.972	1.00	160.00	160.00	0.515	0.515	1.00
31	11:45	1.00	0.983	1.00	160.00	160.00	0.285	0.285	1.00
32	11:50	1.00	0.990	1.00	160.00	160.00	0.271	0.271	1.00
33	12:02	1.00	1.007	1.00	160.00	160.00	0.877	0.877	1.00
34	12:21	1.00	1.033	1.00	160.00	160.00	0.445	0.445	1.00
35	12:28	1.00	1.043	1.00	160.00	160.00	0.126	0.126	1.00
36	14:04	1.00	1.177	1.00	160.00	160.00	0.322	0.322	1.00
37	14:09	1.00	1.184	1.00	160.00	160.00	0.892	0.892	1.00
38	14:37	1.00	0.847	1.00	160.00	160.00	0.180	0.180	1.00
39	15:09	1.00	0.877	1.00	160.00	160.00	0.346	0.346	1.00
40	15:15	1.00	0.883	1.00	160.00	160.00	0.342	0.342	1.00
41	15:37	1.00	0.904	1.00	160.00	160.00	1.002	1.002	1.00
42	16:08	1.00	0.934	1.00	160.00	160.00	0.432	0.432	1.00
43	16:49	1.00	0.974	1.00	160.00	160.00	1.154	1.154	1.00
44	16:50	1.00	0.975	1.00	160.00	160.00	1.435	1.435	1.00
45	17:00	1.00	0.985	1.00	160.00	160.00	0.283	0.283	1.00
46	17:28	1.00	1.012	1.00	160.00	160.00	0.358	0.358	1.00
47	17:25	1.00	1.009	1.00	160.00	160.00	0.880	0.880	1.00
48	17:49	1.00	1.032	1.00	160.00	160.00	0.180	0.180	1.00
49	18:19	1.00	1.061	1.00	160.00	160.00	0.145	0.145	1.00
50	17:58	1.00	1.041	1.00	160.00	160.00	1.297	1.297	1.00

Quantitation Report File: 15308Z

Data: 15308Z.TI

08/28/93 23:39:00

Sample: SSTD160

Conds.: AUTOSAMPLR I50Z

Formula:

Instrument: I50Z

Weight: 0.000

Submitted by:

Analyst: SMW

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 2,4-DINITROTOLUENE
52	C580 DIETHYL PHTHALATE
53	C585 4-CHLOROPHENYL PHENYL ETHER
54	C590 FLUORENE
55	C595 4-NITROANILINE
56	C610 4,6-DINITRO-2-METHYL PHENOL
57	C615 N-NITROSODIPHENYLAMINE
58	C625 4-BROMOPHENYL PHENYL ETHER
59	C630 HEXACHLOROBENZENE
60	C635 PENTACHLOROPHENOL
61	C640 PHENANTHRENE
62	C645 ANTHRACENE
63	C647 CARBAZOLE
64	C650 DI-N-BUTYL PHTHALATE
65	C655 FLUORANTHENE
66	C715 PYRENE
67	C720 BUTYLBENZYLPHTHALATE
68	C725 3,3' DICHLOROBENZIDINE
69	C730 BENZO (A) ANTHRACENE
70	C735 CHRYSENE
71	C740 BIS (2-ETHYLHEXYL) PHTHALATE
72	C760 DI-N-OCTYLPHTHALATE
73	C765 BENZO (B) FLUORANTHENE
74	C770 BENZO (K) FLUORANTHENE
75	C775 BENZO (A) PYRENE
76	C780 INDENO (1,2,3-CD) PYRENE
77	C785 DIBENZO (A,H) ANTHRACENE
78	C790 BENZO (G,H,I) PERYLENE
79	C705 N-NITROSODIMETHYLAMINE
80	C320 ANILINE
81	C710 BENZIDINE
82	C345 BENZYL ALCOHOL
83	C430 BENZOIC ACID
84	C620 1,2,DIPHENYLHYDRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
51	165	1093	18:13	3	1.055	A BB	45250.	160.000 NG	1.29
52	149	1148	19:08	3	1.108	A BB	148388.	160.000 NG	1.29
53	204	1150	19:10	3	1.110	A BB	74138.	160.000 NG	1.29
54	166	1141	19:01	3	1.101	A BB	132596.	160.000 NG	1.29
55	138	1172	19:32	3	1.131	A BB	45674.	160.000 NG	1.29
56	198	1174	19:34	4	0.895	A BB	29844.	160.000 NG	1.29
57	169	1179	19:39	4	0.899	A BB	91884.	160.000 NG	1.29
58	248	1239	20:39	4	0.945	A BB	34632.	160.000 NG	1.29
59	284	1242	20:42	4	0.947	A BB	35661.	160.000 NG	1.29

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
60	266	1284	21:24	4	0.979	A BB	23828.	160.000 NG	1.29
61	178	1317	21:57	4	1.005	A BV	181989.	160.000 NG	1.29
62	178	1327	22:07	4	1.012	A VB	180685.	160.000 NG	1.29
63	167	1365	22:45	4	1.041	A BB	173032.	160.000 NG	1.29
64	149	1450	24:10	4	1.106	A BB	232584.	160.000 NG	1.29
65	202	1537	25:37	4	1.172	A BB	189141.	160.000 NG	1.29
66	202	1577	26:17	5	0.874	A BB	201068.	160.000 NG	1.29
67	149	1726	28:46	5	0.956	A BB	135007.	160.000 NG	1.29
68	252	1813	30:13	5	1.004	A BB	65114.	160.000 NG	1.29
69	228	1803	30:03	5	0.999	A BV	183706.	160.000 NG	1.29
70	228	1814	30:14	5	1.005	M XX	160704.	160.000 NG	1.29
71	149	1843	30:43	5	1.021	A BB	166389.	160.000 NG	1.29
72	149	1962	32:42	6	0.957	A BB	298735.	160.000 NG	1.29
73	252	1995	33:15	6	0.973	M XX	175066.	160.000 NG	1.29
74	252	2001	33:21	6	0.976	M XX	174906.	160.000 NG	1.29
75	252	2045	34:05	6	0.997	A BB	147032.	160.000 NG	1.29
76	276	2220	37:00	6	1.082	A BB	133540.	160.000 NG	1.29
77	278	2226	37:06	6	1.085	A BB	110617.	160.000 NG	1.29
78	276	2264	37:44	6	1.104	M XX	109028.	160.000 NG	1.29
79	NOT FOUND								
80	93	455	7:35	1	0.912	A BV	153020.	160.000 NG	1.29
81	184	1572	26:12	5	0.871	A BB	19244.	160.000 NG	1.29
82	108	541	9:01	1	1.084	A BB	55567.	160.000 NG	1.29
83	NOT FOUND								
84	77	1180	19:40	3	1.139	A BB	208128.	160.000 NG	1.29

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	18:13	1.00	1.055	1.00	160.00	160.00	0.347	0.347	1.00
52	19:08	1.00	1.108	1.00	160.00	160.00	1.136	1.136	1.00
53	19:10	1.00	1.110	1.00	160.00	160.00	0.568	0.568	1.00
54	19:01	1.00	1.101	1.00	160.00	160.00	1.016	1.016	1.00
55	19:32	1.00	1.131	1.00	160.00	160.00	0.350	0.350	1.00
56	19:34	1.00	0.895	1.00	160.00	160.00	0.149	0.149	1.00
57	19:39	1.00	0.899	1.00	160.00	160.00	0.460	0.460	1.00
58	20:39	1.00	0.945	1.00	160.00	160.00	0.173	0.173	1.00
59	20:42	1.00	0.947	1.00	160.00	160.00	0.178	0.178	1.00
60	21:24	1.00	0.979	1.00	160.00	160.00	0.119	0.119	1.00
61	21:57	1.00	1.005	1.00	160.00	160.00	0.911	0.911	1.00
62	22:07	1.00	1.012	1.00	160.00	160.00	0.904	0.904	1.00
63	22:45	1.00	1.041	1.00	160.00	160.00	0.866	0.866	1.00
64	24:10	1.00	1.106	1.00	160.00	160.00	1.164	1.164	1.00
65	25:37	1.00	1.172	1.00	160.00	160.00	0.947	0.947	1.00
66	26:17	1.00	0.874	1.00	160.00	160.00	1.102	1.102	1.00
67	28:46	1.00	0.956	1.00	160.00	160.00	0.740	0.740	1.00
68	30:13	1.00	1.004	1.00	160.00	160.00	0.357	0.357	1.00
69	30:03	1.00	0.999	1.00	160.00	160.00	1.007	1.007	1.00
70	30:14	1.00	1.005	1.00	160.00	160.00	0.881	0.881	1.00
71	30:43	1.00	1.021	1.00	160.00	160.00	0.912	0.912	1.00
72	32:42	1.00	0.957	1.00	160.00	160.00	2.162	2.162	1.00
73	33:15	1.00	0.973	1.00	160.00	160.00	1.267	1.267	1.00
74	33:21	1.00	0.976	1.00	160.00	160.00	1.266	1.266	1.00
75	34:05	1.00	0.997	1.00	160.00	160.00	1.064	1.064	1.00
76	37:00	1.00	1.082	1.00	160.00	160.00	0.966	0.966	1.00
77	37:06	1.00	1.085	1.00	160.00	160.00	0.800	0.800	1.00
78	37:44	1.00	1.104	1.00	160.00	160.00	0.789	0.789	1.00
79	2:28		0.295						

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
80	7:35	1.00	0.912	1.00	160.00	160.00	2.264	2.264	1.00
81	26:12	1.00	0.871	1.00	160.00	160.00	0.105	0.105	1.00
82	9:01	1.00	1.084	1.00	160.00	160.00	0.822	0.822	1.00
83	12:02		0.992						
84	19:40	1.00	1.139	1.00	160.00	160.00	1.594	1.594	1.00

7B
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Instrument ID: I50Z Calibration date: 08/30/93 Time: 0921
 Lab File ID: 15334Z Init. Calib. Date(s): 08/28/93 08/28/93
 Init. Calib. Times: 2028 2339

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Phenol	2.272	2.568	0.800	-13.0	25.0
bis(2-Chloroethyl) Ether	1.893	1.994	0.700	-5.3	25.0
2-Chlorophenol	1.673	1.804	0.800	-7.8	25.0
1,3-Dichlorobenzene	1.509	1.611	0.600	-6.8	25.0
1,4-Dichlorobenzene	1.566	1.663	0.500	-6.2	25.0
1,2-Dichlorobenzene	1.445	1.563	0.400	-8.2	25.0
2-Methylphenol	1.437	1.383	0.700	3.8	25.0
2,2'-oxybis(1-Chloropropane)	2.621	2.705		-3.2	
4-Methylphenol	1.457	1.355	0.600	7.0	25.0
N-Nitroso-Di-n-Propylamine	1.173	1.166	0.500	0.6	25.0
Hexachloroethane	0.608	0.679	0.300	-11.7	25.0
Nitrobenzene	0.455	0.505	0.200	-11.0	25.0
Isophorone	0.833	0.820	0.400	1.6	25.0
2-Nitrophenol	0.226	0.205	0.100	9.3	25.0
2,4-Dimethylphenol	0.351	0.349	0.200	0.6	25.0
bis(2-Chloroethoxy)Methane	0.531	0.485	0.300	8.7	25.0
2,4-Dichlorophenol	0.306	0.322	0.200	-5.2	25.0
1,2,4-Trichlorobenzene	0.303	0.325	0.200	-7.3	25.0
Naphthalene	1.049	1.145	0.700	-9.2	25.0
4-Chloroaniline	0.473	0.403		14.8	
Hexachlorobutadiene	0.143	0.182		-27.3	
4-Chloro-3-Methylphenol	0.334	0.327	0.200	2.1	25.0
2-Methylnaphthalene	0.949	1.092	0.400	-15.1	25.0
Hexachlorocyclopentadiene	0.186	0.140		24.7	
2,4,6-Trichlorophenol	0.349	0.379	0.200	-8.6	25.0
2,4,5-Trichlorophenol	0.368	0.389	0.200	-5.7	25.0
2-Chloronaphthalene	1.086	1.185	0.800	-9.1	25.0
2-Nitroaniline	0.446	0.427		4.3	
Dimethyl Phthalate	1.297	1.433		-10.5	
Acenaphthylene	1.768	1.918	1.300	-8.5	25.0
2,6-Dinitrotoluene	0.288	0.266	0.200	7.6	25.0
3-Nitroaniline	0.388	0.377		2.8	
Acenaphthene	1.017	1.099	0.800	-8.1	25.0
2,4-Dinitrophenol	0.162	0.124		23.5	
4-Nitrophenol	0.137	0.173		-26.3	
Dibenzofuran	1.548	1.555	0.800	-0.5	25.0
2,4-Dinitrotoluene	0.346	0.313	0.200	9.5	25.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: RECRA ENVIRON Contract: C002412
 Lab Code: RECNY Case No.: RA093 SAS No.: _____ SDG No.: 81393
 Instrument ID: I50Z Calibration date: 08/30/93 Time: 0921
 Lab File ID: 15334Z Init. Calib. Date(s): 08/28/93 08/28/93
 Init. Calib. Times: 2028 2339

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Diethylphthalate	1.251	1.320		-5.5	
4-Chlorophenyl-phenylether	0.618	0.662	0.400	-7.1	25.0
Fluorene	1.227	1.258	0.900	-2.5	25.0
4-Nitroaniline	0.341	0.285		16.4	
4,6-Dinitro-2-Methylphenol	0.139	0.119		14.4	
N-Nitrosodiphenylamine (1)	0.586	0.605		-3.2	
4-Bromophenyl-phenylether	0.194	0.241	0.100	-24.2	25.0
Hexachlorobenzene	0.192	0.239	0.100	-24.5	25.0
Pentachlorophenol	0.118	0.126	0.050	-6.8	25.0
Phenanthrene	1.064	1.169	0.700	-9.9	25.0
Anthracene	1.074	1.182	0.700	-10.1	25.0
Carbazole	0.995	0.990		0.5	
Di-n-Butylphthalate	1.388	1.521		-9.6	
Fluoranthene	1.095	1.315	0.600	-20.1	25.0
Pyrene	1.285	1.183	0.600	7.9	25.0
Butylbenzylphthalate	0.768	0.691		10.0	
3,3'-Dichlorobenzidine	0.413	0.434		-5.1	
Benzo(a)Anthracene	1.157	1.135	0.800	1.9	25.0
Chrysene	1.088	1.158	0.700	-6.4	25.0
Bis(2-Ethylhexyl) Phthalate	1.060	1.055		0.5	
Di-n-Octyl Phthalate	2.217	2.398		-8.2	
Benzo(b) Fluoranthene	1.285	1.455	0.700	-13.2	25.0
Benzo(k) Fluoranthene	1.324	1.343	0.700	-1.4	25.0
Benzo(a) Pyrene	1.156	1.211	0.700	-4.8	25.0
Indeno(1,2,3-cd) Pyrene	0.918	1.089	0.500	-18.6	25.0
Dibenz(a,h) Anthracene	0.867	1.033	0.400	-19.2	25.0
Benzo(g,h,i) Perylene	0.873	1.176	0.500	-34.7	25.0
Nitrobenzene-d5	0.434	0.466	0.200	-7.4	25.0
2-Fluorobiphenyl	1.131	1.210	0.700	-7.0	25.0
Terphenyl-d14	0.866	0.904	0.500	-4.4	25.0
Phenol-d5	2.039	1.999	0.800	2.0	25.0
2-Fluorophenol	1.625	1.447	0.600	11.0	25.0
2,4,6-Tribromophenol	0.115	0.152		-32.2	
2-Chlorophenol-d4	1.532	1.651	0.800	-7.8	25.0
1,2-Dichlorobenzene-d4	0.896	0.923	0.400	-3.0	25.0

All other compounds must meet a minimum RRF of 0.010.

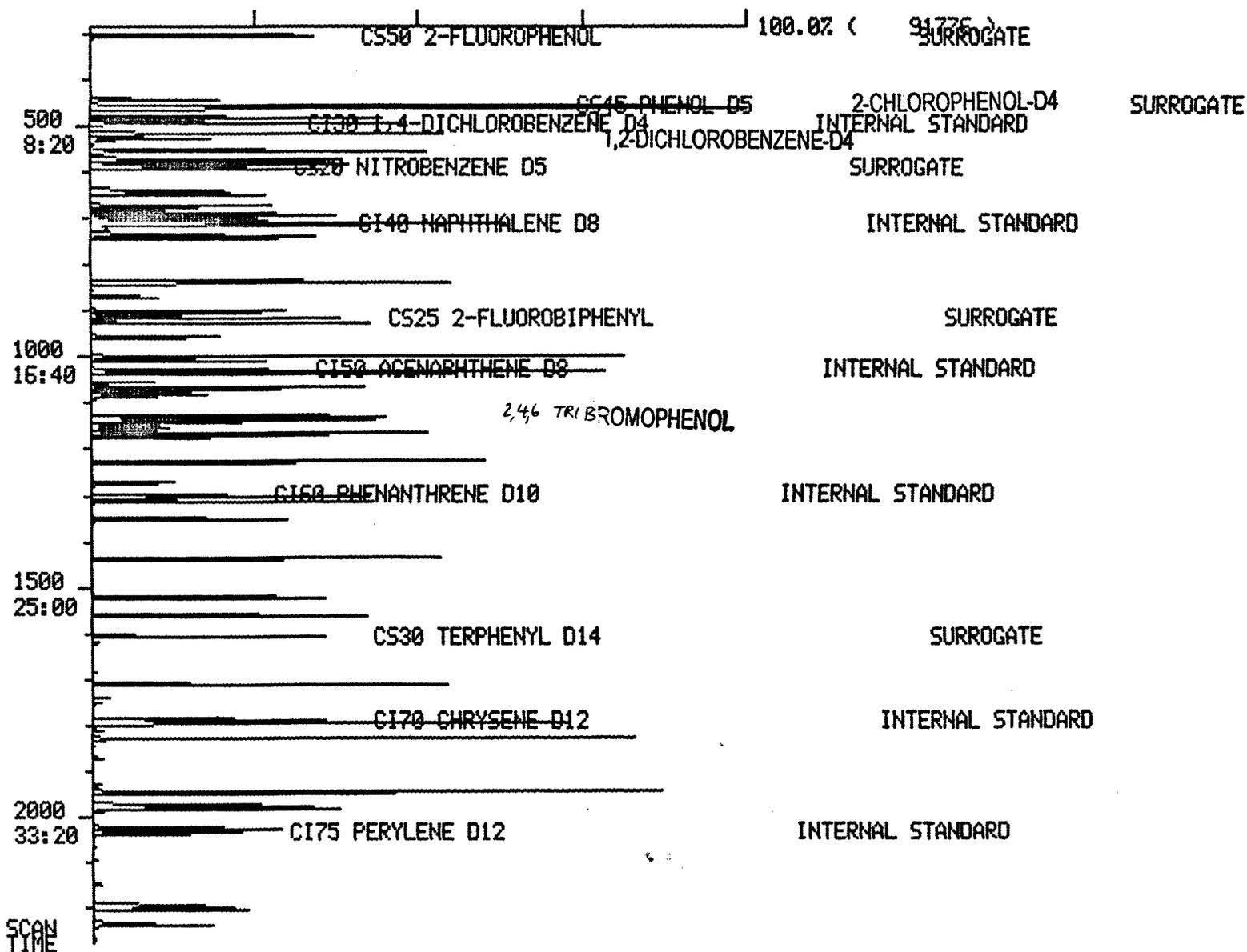
DATA FROM FILE: 15334Z

SCANS 281 TO 2280 ACQUIRED: 08/30/93 9:21:00

CALI: 15334Z #3

SAMPLE: SSTD050

CONDS.: AUTOSAMPLR I50Z



Data: 15334Z.TI

08/30/93 9:21:00

Sample: SSTD050

Conds.: AUTOSAMPLR I50Z

Formula:

Instrument: I50Z

Weight: 0.000

Submitted by:

Analyst: SMW

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	CI30 1,4-DICHLOROBENZENE D4	INTERNAL STANDARD
2	CI40 NAPHTHALENE D8	INTERNAL STANDARD
3	CI50 ACENAPHTHENE D8	INTERNAL STANDARD
4	CI60 PHENANTHRENE D10	INTERNAL STANDARD
5	CI70 CHRYSENE D12	INTERNAL STANDARD
6	CI75 PERYLENE D12	INTERNAL STANDARD
7	CS75 1,2-DICHLOROBENZENE-D4	SURROGATE
8	CS20 NITROBENZENE D5	SURROGATE
9	CS25 2-FLUOROBIPHENYL	SURROGATE
10	CS30 TERPHENYL D14	SURROGATE
11	CS45 PHENOL D5	SURROGATE
12	CS50 2-FLUOROPHENOL	SURROGATE
13	CS70 2-CHLOROPHENOL-D4	SURROGATE
14	CS55 2,4,6-TRIBROMOPHENOL	SURROGATE
15	C315 PHENOL	
16	C325 BIS(2-CHLOROETHYL) ETHER	
17	C330 2-CHLOROPHENOL	
18	C335 1,3-DICHLOROBENZENE	
19	C340 1,4-DICHLOROBENZENE	
20	C350 1,2-DICHLOROBENZENE	
21	C355 2-METHYLPHENOL	
22	C360 2,2'-OXYBIS(1-CHLOROPROPANE)	
23	C365 4-METHYLPHENOL	
24	C370 N-NITROSO-DI-N-PROPYLAMINE	
25	C375 HEXACHLOROETHANE	
26	C410 NITROBENZENE	
27	C415 ISOPHORONE	
28	C420 2-NITROPHENOL	
29	C425 2,4-DIMETHYLPHENOL	
30	C435 BIS(2-CHLOROETHOXY) METHANE	
31	C440 2,4-DICHLOROPHENOL	
32	C445 1,2,4-TRICHLOROBENZENE	
33	C450 NAPHTHALENE	
34	C455 4-CHLOROANILINE	
35	C460 HEXACHLOROBUTADIENE	
36	C465 4-CHLORO-3-METHYLPHENOL	
37	C470 2-METHYLNAPHTHALENE	
38	C510 HEXACHLOROCYCLOPENTADIENE	
39	C515 2,4,6-TRICHLOROPHENOL	
40	C520 2,4,5-TRICHLOROPHENOL	
41	C525 2-CHLORONAPHTHALENE	
42	C530 2-NITROANILINE	
43	C535 DIMETHYL PHTHALATE	
44	C540 ACENAPHTHYLENE	
45	C542 2,6-DINITROTOLUENE	
46	C545 3-NITROANILINE	
47	C550 ACENAPHTHENE	

No Name
 48 C555 2,4-DINITROPHENOL
 49 C560 4-NITROPHENOL
 50 C565 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
1	152	487	8:07	1	1.000	A BB	11126.	40.000 NG	0.96
2	136	704	11:44	2	1.000	A BB	39200.	40.000 NG	0.96
3	164	1023	17:03	3	1.000	A BB	21202.	40.000 NG	0.96
4	188	1296	21:36	4	1.000	A BB	31732.	40.000 NG	0.96
5	240	1789	29:49	5	1.000	A BB	35922.	40.000 NG	0.96
6	264	2035	33:55	6	1.000	A BB	28575.	40.000 NG	0.96
7	152	511	8:31	1	1.049	A BB	12832.	50.000 NG	1.20
8	82	584	9:44	2	0.830	A BB	22832.	50.000 NG	1.20
9	172	910	15:10	3	0.890	A BB	32058.	50.000 NG	1.20
10	244	1606	26:46	5	0.898	A BB	40576.	50.000 NG	1.20
11	99	452	7:32	1	0.928	A BB	27796.	50.000 NG	1.20
12	112	298	4:58	1	0.612	A BB	20124.	50.000 NG	1.20
13	132	453	7:33	1	0.930	A BB	22956.	50.000 NG	1.20
14	330	1172	19:32	3	1.146	A BB	4030.	50.000 NG	1.20
15	94	454	7:34	1	0.932	A BB	35714.	50.000 NG	1.20
16	93	457	7:37	1	0.938	A BB	27728.	50.000 NG	1.20
17	128	456	7:36	1	0.936	A BB	25094.	50.000 NG	1.20
18	146	477	7:57	1	0.979	A BB	22404.	50.000 NG	1.20
19	146	490	8:10	1	1.006	A BB	23126.	50.000 NG	1.20
20	146	513	8:33	1	1.053	A BB	21740.	50.000 NG	1.20
21	108	549	9:09	1	1.127	A BB	19229.	50.000 NG	1.20
22	45	546	9:06	1	1.121	A BB	37624.	50.000 NG	1.20
23	108	579	9:39	1	1.189	A BB	18846.	50.000 NG	1.20
24	70	571	9:31	1	1.172	A BB	16212.	50.000 NG	1.20
25	117	567	9:27	1	1.164	A BB	9446.	50.000 NG	1.20
26	77	588	9:48	2	0.835	A VB	24724.	50.000 NG	1.20
27	82	635	10:35	2	0.902	A BB	40156.	50.000 NG	1.20
28	139	642	10:42	2	0.912	A BB	10054.	50.000 NG	1.20
29	107	669	11:09	2	0.950	A BB	17086.	50.000 NG	1.20
30	93	682	11:22	2	0.969	A BB	23764.	50.000 NG	1.20
31	162	690	11:30	2	0.980	A BB	15796.	50.000 NG	1.20
32	180	698	11:38	2	0.991	A BB	15914.	50.000 NG	1.20
33	128	708	11:48	2	1.006	A BB	56094.	50.000 NG	1.20
34	127	728	12:08	2	1.034	A BB	19760.	50.000 NG	1.20
35	225	736	12:16	2	1.045	A BB	8940.	50.000 NG	1.20
36	107	831	13:51	2	1.180	A BB	16022.	50.000 NG	1.20
37	142	835	13:55	2	1.186	A BB	53531.	50.000 NG	1.20
38	237	865	14:25	3	0.846	A BB	3710.	50.000 NG	1.20
39	196	895	14:55	3	0.875	A BV	10056.	50.000 NG	1.20
40	196	901	15:01	3	0.881	A VB	10302.	50.000 NG	1.20
41	162	923	15:23	3	0.902	A BB	31416.	50.000 NG	1.20
42	65	952	15:52	3	0.931	A BB	11306.	50.000 NG	1.20
43	163	996	16:36	3	0.974	A BB	37968.	50.000 NG	1.20
44	152	996	16:36	3	0.974	A BV	50832.	50.000 NG	1.20
45	165	1004	16:44	3	0.981	A BB	7042.	50.000 NG	1.20
46	138	1031	17:11	3	1.008	A BB	10000.	50.000 NG	1.20
47	153	1030	17:10	3	1.007	A BB	29116.	50.000 NG	1.20
48	184	1051	17:31	3	1.027	A BB	3286.	50.000 NG	1.20
49	109	1081	18:01	3	1.057	A BB	4576.	50.000 NG	1.20
50	168	1063	17:43	3	1.039	A BB	41204.	50.000 NG	1.20

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
1	8:07	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	11:44	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:03	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:36	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	29:49	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	33:55	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	8:31	1.00	1.049	1.00	50.00	50.00	0.923	0.923	1.00
8	9:44	1.00	0.830	1.00	50.00	50.00	0.466	0.466	1.00
9	15:10	1.00	0.890	1.00	50.00	50.00	1.210	1.210	1.00
10	26:46	1.00	0.898	1.00	50.00	50.00	0.904	0.904	1.00
11	7:32	1.00	0.928	1.00	50.00	50.00	1.999	1.999	1.00
12	4:58	1.00	0.612	1.00	50.00	50.00	1.447	1.447	1.00
13	7:33	1.00	0.930	1.00	50.00	50.00	1.651	1.651	1.00
14	19:32	1.00	1.146	1.00	50.00	50.00	0.152	0.152	1.00
15	7:34	1.00	0.932	1.00	50.00	50.00	2.568	2.568	1.00
16	7:37	1.00	0.938	1.00	50.00	50.00	1.994	1.994	1.00
17	7:36	1.00	0.936	1.00	50.00	50.00	1.804	1.804	1.00
18	7:57	1.00	0.979	1.00	50.00	50.00	1.611	1.611	1.00
19	8:10	1.00	1.006	1.00	50.00	50.00	1.663	1.663	1.00
20	8:33	1.00	1.053	1.00	50.00	50.00	1.563	1.563	1.00
21	9:09	1.00	1.127	1.00	50.00	50.00	1.383	1.383	1.00
22	9:06	1.00	1.121	1.00	50.00	50.00	2.705	2.705	1.00
23	9:39	1.00	1.189	1.00	50.00	50.00	1.355	1.355	1.00
24	9:31	1.00	1.172	1.00	50.00	50.00	1.166	1.166	1.00
25	9:27	1.00	1.164	1.00	50.00	50.00	0.679	0.679	1.00
26	9:48	1.00	0.835	1.00	50.00	50.00	0.505	0.505	1.00
27	10:35	1.00	0.902	1.00	50.00	50.00	0.820	0.820	1.00
28	10:42	1.00	0.912	1.00	50.00	50.00	0.205	0.205	1.00
29	11:09	1.00	0.950	1.00	50.00	50.00	0.349	0.349	1.00
30	11:22	1.00	0.969	1.00	50.00	50.00	0.485	0.485	1.00
31	11:30	1.00	0.980	1.00	50.00	50.00	0.322	0.322	1.00
32	11:38	1.00	0.991	1.00	50.00	50.00	0.325	0.325	1.00
33	11:48	1.00	1.006	1.00	50.00	50.00	1.145	1.145	1.00
34	12:08	1.00	1.034	1.00	50.00	50.00	0.403	0.403	1.00
35	12:16	1.00	1.045	1.00	50.00	50.00	0.182	0.182	1.00
36	13:51	1.00	1.180	1.00	50.00	50.00	0.327	0.327	1.00
37	13:55	1.00	1.186	1.00	50.00	50.00	1.092	1.092	1.00
38	14:25	1.00	0.846	1.00	50.00	50.00	0.140	0.140	1.00
39	14:55	1.00	0.875	1.00	50.00	50.00	0.379	0.379	1.00
40	15:01	1.00	0.881	1.00	50.00	50.00	0.389	0.389	1.00
41	15:23	1.00	0.902	1.00	50.00	50.00	1.185	1.185	1.00
42	15:52	1.00	0.931	1.00	50.00	50.00	0.427	0.427	1.00
43	16:36	1.00	0.974	1.00	50.00	50.00	1.433	1.433	1.00
44	16:36	1.00	0.974	1.00	50.00	50.00	1.918	1.918	1.00
45	16:44	1.00	0.981	1.00	50.00	50.00	0.266	0.266	1.00
46	17:11	1.00	1.008	1.00	50.00	50.00	0.377	0.377	1.00
47	17:10	1.00	1.007	1.00	50.00	50.00	1.099	1.099	1.00
48	17:31	1.00	1.027	1.00	50.00	50.00	0.124	0.124	1.00
49	18:01	1.00	1.057	1.00	50.00	50.00	0.173	0.173	1.00
50	17:43	1.00	1.039	1.00	50.00	50.00	1.555	1.555	1.00

Quantitation Report File: 15334Z

Data: 15334Z.TI

08/30/93 9:21:00

Sample: SSTD050

Conds.: AUTOSAMPLR I50Z

Formula:

Submitted by:

Instrument: I50Z

Analyst: SMW

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 2,4-DINITROTOLUENE
52	C580 DIETHYL PHTHALATE
53	C585 4-CHLOROPHENYL PHENYL ETHER
54	C590 FLUORENE
55	C595 4-NITROANILINE
56	C610 4,6-DINITRO-2-METHYL PHENOL
57	C615 N-NITROSODIPHENYLAMINE
58	C625 4-BROMOPHENYL PHENYL ETHER
59	C630 HEXACHLOROBENZENE
60	C635 PENTACHLOROPHENOL
61	C640 PHENANTHRENE
62	C645 ANTHRACENE
63	C647 CARBAZOLE
64	C650 DI-N-BUTYL PHTHALATE
65	C655 FLUORANTHENE
66	C715 PYRENE
67	C720 BUTYLBENZYLPHTHALATE
68	C725 3,3' DICHLOROBENZIDINE
69	C730 BENZO (A) ANTHRACENE
70	C735 CHRYSENE
71	C740 BIS (2-ETHYLHEXYL) PHTHALATE
72	C760 DI-N-OCTYLPHTHALATE
73	C765 BENZO (B) FLUORANTHENE
74	C770 BENZO (K) FLUORANTHENE
75	C775 BENZO (A) PYRENE
76	C780 INDENO (1,2,3-CD) PYRENE
77	C785 DIBENZO (A,H) ANTHRACENE
78	C790 BENZO (G,H,I) PERYLENE
79	C705 N-NITROSODIMETHYLAMINE
80	C320 ANILINE
81	C710 BENZIDINE
82	C345 BENZYL ALCOHOL
83	C430 BENZOIC ACID
84	C620 1,2,DIPHENYLHYDRAZINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
51	165	1076	17:56	3	1.052	A BB	8296.	50.000 NG	1.20
52	149	1131	18:51	3	1.106	A BB	34978.	50.000 NG	1.20
53	204	1136	18:56	3	1.110	A BB	17536.	50.000 NG	1.20
54	166	1126	18:46	3	1.101	A BB	33332.	50.000 NG	1.20
55	138	1147	19:07	3	1.121	A BB	7546.	50.000 NG	1.20
56	198	1152	19:12	4	0.889	A BB	4738.	50.000 NG	1.20
57	169	1162	19:22	4	0.897	A BB	24004.	50.000 NG	1.20
58	248	1224	20:24	4	0.944	A BB	9544.	50.000 NG	1.20
59	284	1225	20:25	4	0.945	A BB	9482.	50.000 NG	1.20

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
60	266	1269	21:09	4	0.979	A BB	5006.	50.000 NG	1.20
61	178	1301	21:41	4	1.004	A BV	46388.	50.000 NG	1.20
62	178	1311	21:51	4	1.012	A VB	46874.	50.000 NG	1.20
63	167	1349	22:29	4	1.041	A BB	39264.	50.000 NG	1.20
64	149	1436	23:56	4	1.108	A BB	60335.	50.000 NG	1.20
65	202	1521	25:21	4	1.174	A BB	52174.	50.000 NG	1.20
66	202	1560	26:00	5	0.872	A BB	53112.	50.000 NG	1.20
67	149	1711	28:31	5	0.956	A BB	31040.	50.000 NG	1.20
68	252	1794	29:54	5	1.003	A BB	19502.	50.000 NG	1.20
69	228	1787	29:47	5	0.999	A BV	50962.	50.000 NG	1.20
70	228	1795	29:55	5	1.003	A VB	52002.	50.000 NG	1.20
71	149	1829	30:29	5	1.022	A BB	47378.	50.000 NG	1.20
72	149	1946	32:26	6	0.956	A BB	85669.	50.000 NG	1.20
73	252	1975	32:55	6	0.971	A BV	51979.	50.000 NG	1.20
74	252	1981	33:01	6	0.973	A VB	47966.	50.000 NG	1.20
75	252	2026	33:46	6	0.996	M XX	43274.	50.000 NG	1.20
76	276	2196	36:36	6	1.079	A BV	38885.	50.000 NG	1.20
77	278	2203	36:43	6	1.083	A BB	36899.	50.000 NG	1.20
78	276	2240	37:20	6	1.101	A BB	41994.	50.000 NG	1.20
79	74	135	2:15	1	0.277	A BB	16308.	160.000 NG	3.86
80	93	439	7:19	1	0.901	A BB	22592.	50.000 NG	1.20
81	NOT FOUND								
82	108	523	8:43	1	1.074	A BB	10331.	50.000 NG	1.20
83	NOT FOUND								
84	77	1165	19:25	3	1.139	A BB	42584.	50.000 NG	1.20

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	17:56	1.00	1.052	1.00	50.00	50.00	0.313	0.313	1.00
52	18:51	1.00	1.106	1.00	50.00	50.00	1.320	1.320	1.00
53	18:56	1.00	1.110	1.00	50.00	50.00	0.662	0.662	1.00
54	18:46	1.00	1.101	1.00	50.00	50.00	1.258	1.258	1.00
55	19:07	1.00	1.121	1.00	50.00	50.00	0.285	0.285	1.00
56	19:12	1.00	0.889	1.00	50.00	50.00	0.119	0.119	1.00
57	19:22	1.00	0.897	1.00	50.00	50.00	0.605	0.605	1.00
58	20:24	1.00	0.944	1.00	50.00	50.00	0.241	0.241	1.00
59	20:25	1.00	0.945	1.00	50.00	50.00	0.239	0.239	1.00
60	21:09	1.00	0.979	1.00	50.00	50.00	0.126	0.126	1.00
61	21:41	1.00	1.004	1.00	50.00	50.00	1.169	1.169	1.00
62	21:51	1.00	1.012	1.00	50.00	50.00	1.182	1.182	1.00
63	22:29	1.00	1.041	1.00	50.00	50.00	0.990	0.990	1.00
64	23:56	1.00	1.108	1.00	50.00	50.00	1.521	1.521	1.00
65	25:21	1.00	1.174	1.00	50.00	50.00	1.315	1.315	1.00
66	26:00	1.00	0.872	1.00	50.00	50.00	1.183	1.183	1.00
67	28:31	1.00	0.956	1.00	50.00	50.00	0.691	0.691	1.00
68	29:54	1.00	1.003	1.00	50.00	50.00	0.434	0.434	1.00
69	29:47	1.00	0.999	1.00	50.00	50.00	1.135	1.135	1.00
70	29:55	1.00	1.003	1.00	50.00	50.00	1.158	1.158	1.00
71	30:29	1.00	1.022	1.00	50.00	50.00	1.055	1.055	1.00
72	32:26	1.00	0.956	1.00	50.00	50.00	2.398	2.398	1.00
73	32:55	1.00	0.971	1.00	50.00	50.00	1.455	1.455	1.00
74	33:01	1.00	0.973	1.00	50.00	50.00	1.343	1.343	1.00
75	33:46	1.00	0.996	1.00	50.00	50.00	1.211	1.211	1.00
76	36:36	1.00	1.079	1.00	50.00	50.00	1.089	1.089	1.00
77	36:43	1.00	1.083	1.00	50.00	50.00	1.033	1.033	1.00
78	37:20	1.00	1.101	1.00	50.00	50.00	1.176	1.176	1.00
79	2:15	1.00	0.277	1.00	160.00	160.00	0.366	0.366	1.00

No	Ret (L)	Ratio	RRT(L)	Ratio	Amnt	Amnt (L)	R.Fac	R.Fac(L)	Ratio
80	7:19	1.00	0.901	1.00	50.00	50.00	1.624	1.624	1.00
81	26:12		0.871						
82	8:43	1.00	1.074	1.00	50.00	50.00	0.743	0.743	1.00
83	12:02		0.992						
84	19:25	1.00	1.139	1.00	50.00	50.00	1.607	1.607	1.00